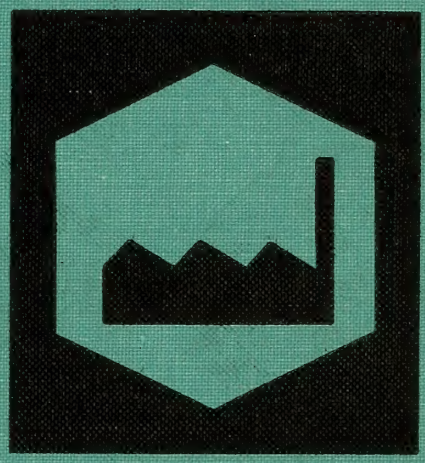
A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

1967 CENSUS OF MANUFACTURES

Vol. II



INDUSTRY STATISTICS

Part 2 Major Groups 25-33

U.S. DEPARTMENT OF COMMERCE
Bureau of the Census

CENSUS REGIONS AND GEOGRAPHIC DIVISIONS



OF THE UNITED STATES



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1967 CENSUS OF MANUFACTURES

Vol. II

INDUSTRY STATISTICS

Part 2 Major Groups 25-33

Issued January 1971

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Acknowledgments

The 1967 Census of Manufactures was conducted under the direction of **Owen C. Gretton,** Chief, and **Milton Eisen,** Assistant Chief. **Elmer S. Biles,** assisted by **John S. Berube, Clifford Bennett,** and **Kenneth I. Hansen,** was responsible for the overall management of the census and was the Industry Division's liaison officer with other Divisions.

Program responsibility along industry lines was shared by the following individuals who participated importantly in the entire census program: **Robert J. Nealon,** Foods, Textiles, and Apparel; **Cyril M. Wildes,** Chemicals and Wood Products; and **Paul F. Berard,** Metals and Metal Products. **Willis K. Jordon** was responsible for preparation of the introductory text and appendix materials. **Edward A. Robinson** made significant contributions to the basic concepts and content of the census. **Donald F. Clark** and **Carl J. Bostrom,** under the direction of **Jack L. Ogus,** developed the mathematical techniques utilized in editing the data and in sampling the respondents. **Louis J. Owen,** assisted by **William R. Gray** was responsible for the inquiries relating to fuel, electric energy, and water data. **William Cooper** had staff responsibility for industry classification and the system of classifying products and materials. **Wayne M. McCaughey** and **Angela R. Daly** also participated importantly in various phases of the project.

Professional personnel in the commodity areas of the Industry Division developed the report forms for the various industries, reviewed the tabulations, and prepared the industry texts that accompanied the data. The respective areas and the individuals in charge during the census were as follows: Foods, **Charles H. W. Sedgewick** and **Carole A. Klein;** Textiles, **Evelyn O. Denny;** Apparel, **Bennie A. Daniels;** Wood Products, **Kenneth E. McBeth;** Pulp and Paper, **Lonnie M. Conner;** Chemicals, **Reese R. Morgan;** Metals, **Malcolm E. Bernhardt;** Machinery, **John P. McNamee;** and Electrical Machinery and Transportation, **Dale W. Gordon.** The names of the supporting statisticians in the commodity areas who made significant contributions are shown in the acknowledgment statements appearing in the 80 industry reports published separately prior to their assembly into the Industry Volume.

Systems and procedures were developed in the Systems Division, **Sol Dolleck,** Chief, by **Eugene Wendt** assisted by **Samuel Schweid.** Clerical procedures were developed by **Alvin Barten, Evelyn V. Williams, Carmen Taylor, Geraldine Manuel, Carl Mueller, Thomas Lowenstein,** and **Jack Margolis.** Electronic computer programs for check-in, geographic coding, and administrative records were developed and supervised by **Charles Venters** and **Terence McDowell** under the direction of **Zigmund Decker** and **Andrew Grieco. James Moyers, Gene Haggy, Paul Poissant,** and **Stephan Potemkin** developed and supervised the electronic computer editing and tabulation programs under the direction of **Mary H. Johnson.** Quality control plans and procedures were developed and supervised by **Maxwell D. Jeane,** assisted by **John Powell** and **Carl Jablin.** Data input procedures were developed and supervised by **Leonard Tauber** assisted by **Paul Blackmer.** Production controls were established under the supervision of **Francis Boucher** and **James R. Pepal.**

Processing of reports was performed in the Jeffersonville Census Operations Division, **Joseph F. Arbena,** Chief, by **James S. Werking** assisted by **Margaret Rommel** and **Jordan Horne.** Clerical processing was supervised by **Charles Adams** and quality control plans and procedures were implemented and monitored under the direction of **Kathern Clay.**

Data processing and related operations were performed by the Processing Division, **M. Douglas Fahey, Chief,** assisted by **R. M. Micoly, James Shores,** and **E. R. Bourdon.**

Report planning and editorial review were provided by **Geraldine Censky** and **Frances Bresnahan** of the Administrative and Publications Services Division.

Arthur Horowitz, in his capacity as the coordinator of the economic censuses, made important contributions to the planning and operational phases of the work. **Robert Parker** contributed in the analysis of reports for the large and complex corporate organizations. **James Corbett** developed the computer systems for disclosure analysis, assisted by **Robert Reynolds.**

Special acknowledgment is due to the many businesses whose cooperation has contributed to the publication of the data.

Library of Congress Card No. 74-609524

Suggested Citation

U.S. Bureau of the Census, Census of Manufactures, 1967

Volume II, Industry Statistics, Part 2, Major Groups 25-33

U.S. Government Printing Office, Washington, D.C., 1971

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or any Department of Commerce field office. Price $9.50

Preface

This is one of a series of volumes presenting the final results of the 1967 Census of Manufactures, which was part of the economic censuses covering that year. In addition to the manufacturing sector, the 1967 economic censuses included wholesale and retail trade, certain services, transportation, construction, commercial fishing, and mining. The censuses measured the activities of nearly 4,000,000 business establishments, including 300,000 engaged in manufacturing.

As in previous census years, the advice and counsel of trade and professional associations, individual companies, Federal and State agencies, labor unions, and research and educational organizations were most valuable in planning the content of the census reports. The Advisory Council on Federal Reports, comprised of representative businessmen, provided special assistance in determining the feasibility of collecting the various types of data. Other advisory committees which counsel the Census Bureau regularly contributed significantly in the planning and preparatory stages. Timely publicity was given by chambers of commerce, newspapers, trade periodicals, and television and radio stations.

As essential element in the Census of Manufactures was the excellent cooperation of the many thousands of manufacturing companies which completed the necessary census questionnaires.

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The chapters of this volume were published earlier as separate reports in the 1967 Census of Manufactures series MC67(2).

Data in this volume include all significant corrections uncovered after publication of the separate reports. The 1963 and other historical data include all significant corrections made since the latest publication of these figures.

Industry Chapter Descriptions

Chapters in this volume are coded to industries as classified in the Standard Industrial Classification (SIC) system. Pages are numbered with a chapter identification prefix; for example, the chapter on Weaving Mills in Major Group 22 will begin on page 22A–1. The list below shows the prefix identification for each chapter and the SIC industries included under each title. Chapters for each part of this volume are shown.

PART I

Major Group 20–FOOD AND KINDRED PRODUCTS

20A Meat Products
- 2011 Meat packing plants
- 2013 Sausages and other prepared meats
- 2015 Poultry dressing plants

20B Dairy Products
- 2021 Creamery butter
- 2022 Cheese, natural and processed
- 2023 Condensed and evaporated milk
- 2024 Ice cream and frozen desserts
- 2026 Fluid milk

20C Canned, Cured, and Frozen Foods
- 2031 Canned and curred seafoods
- 2032 Canned specialties
- 2033 Canned fruits and vegetables
- 2034 Dehydrated food products
- 2035 Pickles, sauces, and salad dressings
- 2036 Fresh or frozen packaged fish
- 2037 Frozen fruits and vegetables

20D Grain Mill Products
- 2041 Flour and other grain mill products
- 2042 Prepared feeds for animals and fowls
- 2043 Cereal preparations
- 2044 Rice milling
- 2045 Blended and prepared flour
- 2046 Wet corn milling

20E Bakery Products
- 2051 Bread, cake, and related products
- 2052 Cookies and crackers

20F Sugar and Confectionery Products
- 2061 Raw cane sugar
- 2062 Cane sugar refining
- 2063 Beet sugar
- 2071 Confectionery products
- 2072 Chocolate and cocoa products
- 2073 Chewing gum

20G Beverages
- 2082 Malt liquors
- 2083 Malt
- 2084 Wines, brandy, and brandy spirits
- 2085 Distilled liquor, except brandy
- 2086 Bottled and canned soft drinks
- 2087 Flavoring extracts and sirups, n.e.c.

20H Fats and Oils
- 2091 Cottonseed oil mills
- 2092 Soybean oil mills
- 2093 Vegetable oil mills, n.e.c.
- 2094 Animal and marine fats and oils
- 2096 Shortening and cooking oils

20I Miscellaneous Foods and Kindred Products
- 2095 Roasted Coffee
- 2097 Manufactured ice
- 2098 Macaroni and spaghetti
- 2099 Food preparations, n.e.c.

Major Group 21–TOBACCO MANUFACTURES

21A Tobacco Products
- 2111 Cigarettes
- 2121 Cigars
- 2131 Chewing and smoking tobacco
- 2141 Tobacco stemming and redrying

Major Group 22–TE XTILE MILL PRODUCTS

22A Weaving Mills
- 2211 Weaving mills, cotton
- 2221 Weaving mills, synthetics
- 2231 Weaving and finishing mills, wool
- 2241 Narrow fabric mills

22B Knitting Mills
- 2251 Women's hosiery, except socks
- 2252 Hosiery, n.e.c.
- 2253 Knit outerwear mills
- 2254 Knit underwear mills
- 2256 Knit fabric mills
- 2259 Knitting mills, n.e.c.

22C Dyeing and Finishing Textiles, Except Wool Fabrics and Knit Goods
- 2261 Finishing plants, cotton
- 2262 Finishing plants, synthetics
- 2269 Finishing plants, n.e.c.

22D Floor Covering Mills
- 2271 Woven carpets and rugs
- 2272 Tufted carpets and rugs
- 2279 Carpets and rugs, n.e.c.

22E Yarn and Thread Mills
- 2281 Yarn mills, except wool
- 2282 Throwing and winding mills
- 2283 Wool yarn mills
- 2284 Thread mills

22F Miscellaneous Textile Goods
- 2291 Felt goods, n.e.c.
- 2292 Lace goods
- 2293 Paddings and upholstery filling
- 2294 Processed textile waste
- 2295 Coated fabrics, not rubberized
- 2296 Tire cord and fabric
- 2297 Scouring and combing plants
- 2298 Cordage and twine
- 2299 Textile goods, n.e.c.

Major Group 23–APPAREL AND OTHER TEXTILE PRODUCTS

23A Men's and Boys' Apparel
- 2311 Men's and boys' suits and coats
- 2321 Men's and boys' shirts and nightwear
- 2322 Men's and boys' underwear
- 2323 Men's and boys' neckwear
- 2327 Men's and boys' separate trousers
- 2328 Men's and boys' work clothing
- 2329 Men's and boys' clothing, n.e.c.

23B Women's and Misses' Outerwear
- 2331 Women's and misses' blouses and waists
- 2335 Women's and misses' dresses
- 2337 Women's and misses' suits and coats
- 2339 Women's and misses' outerwear, n.e.c.

23C Women's and Children's Underwear, Headwear, Children's Outerwear
- 2341 Women's and children's underwear
- 2342 Corsets and allied garments
- 2351 Millinery
- 2352 Hats and caps, except millinery
- 2361 Children's dresses and blouses
- 2363 Children's coats and suits
- 2369 Children's outerwear, n.e.c.

23D Miscellaneous Apparel and Accessories
- 2371 Fur goods
- 2381 Fabric dress and work gloves
- 2384 Robes and dressing gowns
- 2385 Waterproof outer garments
- 2386 Leather and sheep-lined clothing
- 2387 Apparel belts
- 2389 Apparel and accessories, n.e.c.

23E Miscellaneous Fabricated Textile Products
- 2391 Curtains and draperies
- 2392 Housefurnishings, n.e.c.
- 2393 Textile bags
- 2394 Canvas products
- 2395 Pleating and stitching
- 2396 Automotive and apparel trimmings
- 2397 Schiffli machine embroideries
- 2399 Fabricated textile products, n.e.c.

Major Group 24—LUMBER AND WOOD PRODUCTS

24A Logging Camps, Sawmills, and Planing Mills
- 2411 Logging camps and logging contractors
- 2421 Sawmills and planing mills, general
- 2426 Hardwood dimension and flooring
- 2429 Special product sawmills, n.e.c.

24C Millwork, Plywood, and Prefabricated Structural Wood Products
- 2431 Millwork
- 2432 Veneer and plywood
- 2433 Prefabricated wood structures

24C Wooden Containers and Miscellaneous Wood Products
- 2441 Nailed wooden boxes and shook
- 2442 Wirebound boxes and crates
- 2443 Veneer and plywood containers
- 2445 Cooperage
- 2491 Wood preserving
- 2499 Wood products, n.e.c.

PART II

Major Group 25—FURNITURE AND FIXTURES

25A Household Furniture
- 2511 Wood household furniture
- 2512 Upholstered household furniture
- 2514 Metal household furniture
- 2515 Mattresses and bedsprings
- 2519 Household furniture, n.e.c.

25B Office, Public Building, and Miscellaneous Furniture; Office and Store Fixtures
- 2521 Wood office furniture
- 2522 Metal office furniture
- 2531 Public building furniture
- 2541 Wood partitions and fixtures
- 2542 Metal partitions and fixtures
- 2591 Venetian blinds and shades
- 2599 Furniture and fixtures, n.e.c.

Maj or Group 26—PAPER AND ALLIED PRODUCTS

26A Pulp, Paper, and Board Mills
- 2611 Pulpmills
- 2621 Papermills, except building paper
- 2631 Paperboard mills
- 2661 Building paper and board mills

26B Converted Paper and Paperboard Products, Except Containers and Boxes
- 2641 Paper coating and glazing
- 2642 Envelopes
- 2643 Bags, except textile bags
- 2644 Wallpaper
- 2645 Die-cut paper and board
- 2646 Pressed and molded pulp goods
- 2647 Sanitary paper products
- 2649 Converted paper products, n.e.c.

26C Paperboard Containers and Boxes
- 2651 Folding paperboard boxes
- 2652 Setup paperboard boxes
- 2653 Corrugated and solid fiber boxes
- 2654 Sanitary food containers
- 2655 Fiber cans, drums, and related materials

Maj or Group 27—PRINTING AND PUBLISHING

27A Newspapers, Periodicals, Books, and Miscellaneous Publishing
- 2711 Newspapers
- 2721 Periodicals
- 2731 Book publishing
- 2732 Book printing
- 2741 Miscellaneous publishing

27B Commercial Printing and Manifold Business Forms
- 2751 Commercial printing, except lithographic
- 2752 Commercial printing, lithographic
- 2753 Engraving and plate printing
- 2761 Manifold business forms

27C Greeting Cards; Bookbinding; Printing Trade Services
- 2771 Greeting card publishing
- 2782 Blankbooks and looseleaf binders
- 2789 Bookbinding and related work
- 2791 Typesetting
- 2793 Photoengraving
- 2794 Electrotyping and stereotyping

Major Group 28—CHEMICALS AND ALLIED PRODUCTS

28A Industrial Chemicals
- 2812 Alkalies and chlorine
- 2813 Industrial gases
- 2815 Cyclic intermediates and crudes
- 2816 Inorganic pigments
- 2818 Industrial organic chemicals, n.e.c.
- 2819 Industrial inorganic chemicals, n.e.c.

28B Plastics Materials, Synthetic Rubber, and Manmade Fibers
- 2821 Plastics materials and resins
- 2822 Synthetic rubber
- 2823 Cellulosic manmade fibers
- 2824 Organic fibers, noncellulosic

28C Drugs
- 2831 Biological products
- 2833 Medicinals and botanicals
- 2834 Pharmaceutical preparations

28D Soap, Cleaners, and Toilet Goods
- 2841 Soap and other detergents
- 2842 Polishes and sanitation goods
- 2843 Surface active agents
- 2844 Toilet preparations

28E Paints and Allied Products; Gum and Wood Chemicals
2851 Paints and allied products
2861 Gum and wood chemicals

28F Agricultural Chemicals
2871 Fertilizers
2872 Fertilizers, mixing only
2879 Agricultural chemicals, n.e.c.

28G Miscellaneous Chemical Products
2891 Adhesives and gelatin
2892 Explosives
2893 Printing ink
2895 Carbon black
2899 Chemical preparations, n.e.c.

Major Group 29—PETROLEUM AND COAL PRODUCTS

29A Petroleum and Coal Products
2911 Petroleum refining
2951 Paving mixtures and blocks
2952 Asphalt felts and coatings
2992 Lubricating oils and greases
2999 Petroleum and coal products, n.e.c.

Major Group 30—RUBBER AND PLASTICS PRODUCTS' N.E.C.

30A
3011 Tires and inner tubes
3021 Rubber footwear
3031 Reclaimed rubber
3069 Fabricated rubber products, n.e.c.
3079 Miscellaneous plastics products

Major Group 31—LEATHER AND LEATHER PRODUCTS

31A Tanning; Industrial Leather Goods; and Shoes
3111 Leather tanning and finishing
3121 Industrial leather belting
3131 Footwear cut stock
3141 Shoes, except rubber
3142 House slippers

31B Leather Gloves; Luggage; and Miscellaneous Leather Goods
3151 Leather gloves and mittens
3161 Luggage
3171 Women's handbags and purses
3172 Personal leather goods
3199 Leather goods, n.e.c.

Major Group 32—STONE, CLAY, AND GLASS PRODUCTS

32A Glass Products
3211 Flat glass
3221 Glass containers
3229 Pressed and blown glass, n.e.c.
3231 Products of purchased glass

32B Cement and Structural Clay Products
3241 Cement, hydraulic
3251 Brick and structural clay tile
3253 Ceramic wall and floor tile
3255 Clay refractories
3259 Structural clay products, n.e.c.

32C Pottery and Related Products
3261 Vitreous plumbing fixtures
3262 Vitreous china food utensils
3263 Fine earthenware food utensils
3264 Porcelain electrical supplies
3269 Pottery products, n.e.c.

32D Concrete, Plaster, and Cut-Stone Products
3271 Concrete block and brick
3272 Concrete products, n.e.c.
3273 Ready-mixed concrete
3274 Lime
3275 Gypsum products
3281 Cut stone and stone products

32E Abrasive, Asbestos, and Miscellaneous Nonmetallic Mineral Products
3291 Abrasive products
3292 Asbestos products
3293 Gaskets and insulations
3295 Minerals, ground or treated
3296 Mineral wool
3297 Nonclay refractories
3299 Nonmetallic mineral products, n.e.c.

Major Group 33—PRIMARY METAL INDUSTRIES

33A Blast Furnaces, Steel Works, and Rolling and Finishing Mills
3312 Blast furnaces and steel mills
3313 Electrometallurgical products
3315 Steel wire and related products
3316 Cold finishing of steel shapes
3317 Steel pipe and tubes

33B Iron and Steel Foundries
3321 Gray iron foundries
3322 Malleable iron foundries
3323 Steel foundries

33C Smelting and Refining of Nonferrous Metals and Alloys
3331 Primary copper
3332 Primary lead
3333 Primary zinc
3334 Primary aluminum
3339 Primary nonferrous metals, n.e.c.
3341 Secondary nonferrous metals

33D Nonferrous Metal Mill and Foundry Products
3351 Copper rolling and drawing
3352 Aluminum rolling and drawing
3356 Nonferrous rolling and drawing, n.e.c.
3357 Nonferrous wiredrawing and insulating
3361 Aluminum castings
3362 Brass, bronze, and copper castings
3369 Nonferrous castings, n.e.c.

33E Forgings and Miscellaneous Primary Products
3391 Iron and steel forgings
3392 Nonferrous forgings
3399 Primary metal products, n.e.c.

PART III

Major Group 34—FABRICATED METAL PRODUCTS

34A Metal Cans, Cutlery, Handtools, and General Hardware
3411 Metal cans
3421 Cutlery
3423 Hand and edge tools, n.e.c.
3425 Handsaws and saw blades
3429 Hardware, n.e.c.

34B Heating Apparatus (Except Electric) and Plumbing Fixtures
3431 Meatal sanitary ware
3432 Plumbing fittings and brass goods
3433 Heating equipment, except electric

34C Fabricated Structural Metal Products
3441 Fabricated Structural steel
3442 Metal doors, sash, and trim
3443 Fabricated plate work (boiler shops)
3444 Sheet metalwork
3446 Architectural metalwork
3449 Miscellaneous metalwork

34D Screw Machine Products, Fasteners and Washers; Metal Stampings; and Metal Serivces
3451 Screw machine products
3452 Bolts, nuts, rivets, and washers
3461 Metal stampings
3471 Plating and polishing
3479 Metal coating and allied services

34E Miscellaneous Metal Products
- 3481 Miscellaneous fabricated wire products
- 3491 Metal barrels, drums, and pails
- 3492 Safes and vaults
- 3493 Steel springs
- 3494 Valves and pipe fittings
- 3496 Collapsible tubes
- 3497 Metal foil and leaf
- 3498 Fabricated pipe and fittings
- 3499 Fabricated metal products, n.e.c.

Major Group 35—MACHINERY, EXCEPT ELECTRICAL

35A Engines and Turbines and Farm Machinery and Equipment
- 3511 Steam engines and turbines
- 3519 Internal combustion engines, n.e.c.
- 3522 Farm machinery

35B Construction, Mining, and Materials Handling Machinery and Equipment
- 3531 Construction machinery
- 3532 Mining machinery
- 3533 Oilfield machinery
- 3534 Elevators and moving stairways
- 3535 Conveyors and conveying equipment
- 3536 Hoists, cranes, and monorails
- 3537 Industrial trucks and tractors

35C Metalworking Machinery and Equipment
- 3541 Machine tools, metal-cutting types
- 3542 Machine tools, metal-forming types
- 3544 Special dies, tools, jigs, and fixtures
- 3545 Machine tool accessories
- 3548 Metalworking machinery, n.e.c.

35D Special Industry Machinery, Except Metalworking Machinery
- 3551 Food products machinery
- 3552 Textile machinery
- 3553 Woodworking machinery
- 3554 Paper industries machinery
- 3555 Printing trades machinery
- 3559 Special industry machinery, n.e.c.

35E General Industrial Machinery and Equipment
- 3561 Pumps and compressors
- 3562 Ball and roller bearings
- 3564 Blowers and fans
- 3565 Industrial patterns
- 3566 Power transmission equipment
- 3567 Industrial furnaces and ovens
- 3569 General industry machinery, n.e.c.

35F Office, Computing, and Accounting Machines
- 3572 Typewriters
- 3573 Electronic computing equipment
- 3574 Calculating and accounting machines
- 3576 Scales and balances
- 3579 Office machines, n.e.c.

35G Service Industry Machines and Machine Shops
- 3581 Automatic merchandising machines
- 3582 Commercial laundry equipment
- 3585 Refrigeration machinery
- 3586 Measuring and dispensing pumps
- 3589 Service industry machines, n.e.c.
- 3599 Miscellaneous machinery, except electrical

Major Group 36—ELECTRICAL EQUIPMENT AND SUPPLIES

36A Electrical Measurement and Distribution Equipment
- 3611 Electric measuring instruments
- 3612 Transformers
- 3613 Switchgear and switchboard apparatus
- 3621 Motors and generators
- 3622 Industrial controls
- 3623 Welding apparatus
- 3624 Carbon and graphite products
- 3629 Electrical industrial apparatus, n.e.c.

36B Household Appliances
- 3631 Household cooking equipment
- 3632 Household refrigerators and freezers
- 3633 Household laundry equipment
- 3634 Electric housewares and fans
- 3635 Household vacuum cleaners
- 3636 Sewing machines
- 3639 Household appliances, n.e.c.

36C Electric Lighting and Wiring Equipment
- 3641 Electric lamps
- 3642 Lighting fixtures
- 3643 Current-carrying wiring devices
- 3644 Noncurrent-carrying wiring devices

36D Communication Equipment, Including Radio and TV, and Electronic Components and Accessories
- 3651 Radio and TV receiving sets
- 3652 Phonograph records
- 3661 Telephone and telegraph apparatus
- 3662 Radio and TV communication equipment
- 3671 Electron tubes, receiving type
- 3672 Cathode ray picture tubes
- 3673 Electron tubes, transmitting
- 3674 Semiconductors
- 3679 Electronic components, n.e.c.

36E Miscellaneous Electrical Equipment and Supplies
- 3691 Storage batteries
- 3692 Primary batteries, dry and wet
- 3693 X-ray apparatus and tubes
- 3694 Engine electrical equipment
- 3699 Electrical equipment, n.e.c.

Major Group 37—TRANSPORTATION EQUIPMENT

37A Motor Vehicles and Equipment
- 3711 Motor vehicles
- 3712 Passenger car bodies
- 3713 Truck and bus bodies
- 3714 Motor vehicle parts and accessories
- 3715 Truck trailers

37B Aircraft and Parts
- 3721 Aircraft
- 3722 Aircrafr engines and engine parts
- 3723 Aircraft propellers and parts
- 3729 Aircraft equipment, n.e.c.

37C Ship and Boat Building, Railroad and Miscellaneous Transportation Equipment
- 3731 Ship building and repairing
- 3732 Boat building and repairing
- 3741 Locomotives and parts
- 3742 Railroad and street cars
- 3751 Motorcycles, bicycles, and parts
- 3791 Trailer coaches
- 3799 Transportation equipment, n.e.c.

Major Group 38—INSTRUMENTS AND RELATED PRODUCTS

38A Instruments; Surgical, Dental, and Ophthalmic Equipment and Supplies
- 3811 Engineering and scientific instruments
- 3821 Mechanical measuring devices
- 3822 Automatic temperature controls
- 3831 Optical instruments and lenses
- 3841 Surgical and medical instruments
- 3842 Surgical appliances and supplies
- 3843 Dental equipment and supplies
- 3851 Ophthalmic goods

38B Photographic Equipment; Clocks, Watches, and Watchcases
- 3861 Photographic equipment and supplies
- 3871 Watches and clocks
- 3872 Watchcases

Major Group 39—MISCELLANEOUS MANUFACTURING INDUSTRIES

39A Jewelry, Silverware, and Plated Ware
- 3911 Jewelry, precious metal
- 3912 Jewelers' findings and materials
- 3913 Lapidary work
- 3914 Silverware and plated ware

39B Musical Instruments and Parts; Toys and Sporting Goods
- 3931 Musical instruments and parts
- 3941 Games and toys
- 3942 Dolls
- 3943 Children's vehicles, except bicycles
- 3949 Sporting and athletic goods, n.e.c.

39C Office Supplies, Costume Jewelry, and Notions
- 3951 Pens and mechanical pencils
- 3952 Lead pencils and art goods
- 3953 Marking devices
- 3955 Carbon paper and inked ribbons
- 3961 Costume jewelry
- 3962 Artificial flowers
- 3963 Buttons
- 3964 Needles, pins, and fasteners

39D Miscellaneous Manufactures
- 3991 Brooms and brushes
- 3993 Signs and advertising displays
- 3994 Morticians' goods
- 3996 Hard-surface floor coverings
- 3999 Manufactures, n.e.c.

Major Group 19—ORDNANCE AND ACCESSORIES

19A Ordnance and Accessories
- 1911 Guns, howitzers, and mortars
- 1925 Complete guided missiles
- 1929 Ammunition, except for small arms, n.e.c.
- 1931 Tanks and tank components
- 1941 Sighting and fire control equipment
- 1951 Small arms
- 1961 Small arms ammunition
- 1999 Ordnance and accessories, n.e.c.

INTRODUCTION

I. GENERAL BACKGROUND

1. The Economic Censuses
2. Characteristics of the Industrial Sector
3. Role of the Census of Manufactures
4. Industry and Product Classification
5. Geographic Classification

II. METHODS

6. Planning and Preparation
7. Reporting Forms
8. The Mailing Lists
9. Geographic Area Coding
10. Data Collection
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III. COMMENTS ON STATISTICAL MEASURES AND TABLES

13. Employment and Payrolls in Administrative Offices and Auxiliary Establishments
14. Materials
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16. Duplication in Cost of Materials and Value of Products
17. Value Added by Manufacture
18. Capital Expenditures
19. Plant Specialization
20. Operating Ratios
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22. Confidentiality
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I. GENERAL BACKGROUND

1. THE ECONOMIC CENSUSES

General.—The economic censuses provide a comprehensive statistical profile of a large segment of the national economy. In 1967, these censuses accounted for nearly 70 percent of the $555 billion of national income originating in the private sector. The principal industry groups not covered were finance, insurance, and real estate; agriculture and forestry; communications; and electric, gas, and sanitary services.

Uses and Users of Census Data.—The economic censuses are the primary source of facts about the structure and functioning of the economy and therefore provide information essential both for government and business. They furnish an important part of the framework for such composite measures as the national accounts. The census measures also provide weights and serve as benchmarks for current surveys of industrial activity and for indexes of industrial production, productivity, and price, all of which are essential in developing the general background for understanding particular economic situations.

There is widespread use of the economic censuses by manufacturers and distributors who need to establish measures of their potential markets in terms of areas, kinds of business, and kinds of products; and by management in various industries and trades which need facts for purposes of economic or sales forecasting, for analysis of sales performance, for the layout of sales territories, for the allocation of advertising budgets, and for the location of plants, warehouses, and stores. For these business purposes, census facts are invaluable. Likewise, trade and professional associations need census information to learn how their industry is changing; chambers of commerce need to know how their community is changing. State and local governments need to understand the business structure and changes occurring in their areas. Business magazines rely on census facts as background for many of their articles.

Following every census, reports are purchased by thousands of business and other users; likewise, census facts are widely disseminated by trade associations, business journals, and the daily press; census volumes are available in all the major public and college libraries.

History.—The first statistical survey which can be called an economic census covered the year 1809, when inquiries on manufacturing were included with the 1810 census of population. Although the results of this pioneer effort were unsatisfactory by modern standards,[1] continued interest in measurement of the Nation's economic progress led to successive improvements during the 19th century. By 1890, the statistical standards and procedures followed in conducting the censuses were of a fully professional quality.

All of the decennial censuses from 1810 through 1940, with the exception of 1830, included questions on manufacturing. Inquiries on mining first appeared in 1840, and censuses of mineral industries were conducted decennially through 1940. Although some business-related data were collected in 1840, the first census of business was taken for the year 1929. This included retail trade, wholesale trade, and construction: selected service trades were covered beginning with 1933. Dates of these and other economic censuses from 1809 are shown in table A.

Enterprise Statistics.—The coordinated collection and tabulation of comparable data for several sectors beginning with 1954 has permitted the Census Bureau to develop its enterprise statistics program, which relates census company-level data to the establishment data. Thus, a measurement of the integration and diversification of the American enterprise system becomes available. Also, through the enterprise statistics program, it has become possible to link census establishment-based data on a modified basis to other statistical systems such as the Internal Revenue Service's "Statistics of Income" for corporations.

Legal Provisions.—Title 13 of the United States Code specifies the frequency of the censuses, the kinds of activities to be covered, the obligation to report, the penalties for failure to report, and the confidentiality of returns. It also authorizes the use of sampling techniques in conducting censuses. As amended

[1] For an appraisal of early censuses of manufacturing, see Meyer H. Fishbein, *The Censuses of Manufactures 1810-1890.* National Archives Publication No. 63-22, June 1963. Government Printing Office.

TABLE A. Years Covered by U.S. Economic Censuses: 1809 to 1967

Year covered	Manufactures	Minerals	Fisheries	Construction	Retail and wholesale trade	Selected services	Transportation
1809.....	x	-	-	-	-	-	-
1819.....	x	-	-	-	-	-	-
1839.....	x	-	-	-	-	-	-
1840.....	-	x	-	-	-	-	-
1849.....	x	-	-	-	-	-	-
1850.....	-	x	-	-	-	-	-
1859.....	x	-	-	-	-	-	-
1860.....	-	x	-	-	-	-	-
1869.....	x	-	-	-	-	-	-
1870.....	-	x	-	-	-	-	-
1879.....	x	-	-	-	-	-	-
1880.....	-	x	x	-	-	-	-
1889.....	x	x	x	-	-	-	-
1899.....	x	-	-	-	-	-	-
1902.....	-	x	-	-	-	-	-
1904.....	x	-	-	-	-	-	-
1908.....	-	-	x	-	-	-	-
1909.....	x	x	-	-	-	-	-
1914.....	x	-	-	-	-	-	-
1919.....	x	x	-	-	-	-	-
1921.....	x	-	-	-	-	-	-
1923.....	x	-	-	-	-	-	-
1925.....	x	-	-	-	-	-	-
1927.....	x	-	-	-	-	-	-
1929.....	x	x	-	x	x	-	-
1931.....	x	-	-	-	-	-	-
1933.....	x	-	-	-	x	-	-
1935.....	x	x	-	x	x	x	-
1937.....	x	-	-	-	-	-	-
1939.....	x	x	-	x	x	x	-
1947.....	x	-	-	-	-	-	-
1948.....	-	-	-	-	x	x	-
1954.....	x	x	-	-	x	x	-
1958.....	x	x	-	-	x	x	-
1963.....	x	x	x	-	x	x	x
1967.....	x	x	x	x	x	x	x

in 1964, Title 13 requires the economic censuses to be taken at 5-year intervals, covering the years ending in "2" and "7." The next censuses will cover the year 1972. The pertinent portions of Title 13 are quoted in appendix E.

2. CHARACTERISTICS OF THE INDUSTRIAL SECTOR

General.—In terms of the major industry divisions established in the national accounts, manufacturing is the largest sector of the economy. In 1967, manufacturing plants employed 19 million persons, 26 percent of the civilian labor force of 74 million. Over the past 20 years, as shown in table B, national income originating in manufacturing has averaged 30 percent of the total. The next largest sector, wholesale and retail trade, declined from 19 percent in 1947 to 15 percent in 1967.

Cyclical Changes.—The need for frequent and comprehensive statistics on manufacturing derives as much from its sensitivity to cyclical influences as from its relative size. Cyclical changes in income originating in manufacturing tend to be relatively larger than in the economy as a whole.

Within manufacturing, durable goods industries accounted for about 58 percent of all manufactures during recent periods. This category tends to be more volatile than nondurable goods, generally accounting for a smaller percentage of all manufactures during periods of contraction and a larger percentage during periods of expansion. In the early thirties, for example, as shown in table C, durable goods manufacturing amounted to only about one-third of the total.

Geographic Distribution.—In the 19th century, manufacturing activity was concentrated in the Northeast. Over the past hundred and twenty years, as shown in table D, there has been a steady decline in the proportion accounted for by the Northeastern States, and a marked growth in the South and West.

TABLE B. National Income by Industry Division for Selected Years

Industry	1929	1939	1947	1954	1958	1963	1967
	Billions of dollars						
All industry divisions, total	86.8	72.6	199.0	303.1	367.8	481.9	653.3
Manufacturing	21.9	18.1	59.5	94.6	107.8	143.8	195.2
Nondurable goods	10.6	9.1	28.0	39.7	45.7	57.5	75.5
Durable goods	11.3	9.0	31.5	54.9	62.0	86.3	119.7
Wholesale and retail trade	13.5	12.6	37.6	48.3	58.2	73.3	97.5
Government and government enterprises	5.1	8.5	18.7	36.1	46.9	64.8	93.8
Services	8.8	7.6	18.1	27.8	38.4	54.1	78.5
Finance, insurance, and real estate	12.8	8.0	16.1	32.0	40.9	53.6	71.9
Contract construction	3.8	2.3	8.4	15.6	19.0	24.1	33.2
Transportation	6.6	4.6	11.6	14.6	16.6	20.0	25.2
Agriculture, forestry, and fisheries	8.5	6.0	18.9	16.4	18.0	18.6	21.6
Electric, gas, and sanitary services	1.6	1.8	2.8	5.9	7.4	10·3	12.6
Communication	1.1	1.1	2.3	5.1	7.0	9.8	13.1
Mining	2.1	1.6	4.2	5.3	5.7	6.0	6.3
Rest of the world	0.8	0.3	0.8	1.6	2.0	3.4	4.5
	Percent of total						
All industry divisions, total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Manufacturing	25.2	24.9	29.8	31.2	29.2	29.8	29.9
Nondurable goods	12.2	12.5	14.0	13.0	12.4	12.0	11.6
Durable goods	13.0	12.4	15.8	18.1	16.8	17.8	18.3
Wholesale and retail trade	15.5	17.3	18.8	15.9	15.8	15.2	14.9
Government and government enterprises	5.8	11.7	9.3	11.9	12.7	13.4	14.4
Services	10.1	10.4	9.0	9.1	10.4	11.2	12.0
Finance, insurance, and real estate	14.7	11.0	8.1	10.5	11.1	11.0	11.0
Contract construction	4.4	3.2	4.2	5.1	5.1	5.0	5.1
Transportation	7.6	6.3	5.8	4.8	4.5	4.2	3.9
Agriculture, forestry, and fisheries	9.7	8.3	9.4	5.4	4.8	3.8	3.3
Electric, gas, and sanitary services	1.8	2.4	1.4	1.9	2.0	2.1	1.9
Communication	1.2	1.4	1.1	1.6	1.9	2.0	2.0
Mining	2.4	2.2	2.1	1.7	1.5	1.2	1.0
Rest of the world	0.9	0.4	0.4	0.5	0.5	0.6	0.7

Source: Survey of Current Business, August 1965, pp. 42-45; July 1966, p. 15; and July 1970, p. 21.

Size Distribution.—While there are many small manufacturing plants, they account for a relatively small part of the total output of goods. As shown in table E, over half of the plants covered in the 1967 census had less than 10 employess but they accounted for less than 3 percent of the total value added by manufacture.

3. ROLE OF THE CENSUS OF MANUFACTURES

In the farm-oriented economy of the 19th century, industrial statistics played a relatively small role in government policy formation. A few series on physical output of commodities originated either from private sources (flour, iron, and steel, etc.) or as a byproduct of tax collection or other government functions (liquors, beer, tobacco products, etc.). Other than these, the only sources of information on the manufacturing sector were the censuses of manufactures, then taken at 10-year intervals. Today, the need for industrial statistics has greatly increased, and the user finds a vast array of detailed information covering virtually every measurable aspect of industrial activity including employment, payrolls, hours worked, production, prices, inventories, orders, investment in structures, machinery, and equipment, and consumption of raw materials, fuels, and water. Many of these statistics are available at frequent intervals and on a timely basis. Sophisticated indicators of economic progress have also been developed such as price and production indexes, gross national product, and national income, published at monthly or quarterly intervals.

In this setting, the census of manufactures still plays an essential role since no other source provides such comprehensive and detailed information on the structure of the industrial sector. In effect, the census obtains, for every manufacturing plant with one employee or more, data on its input of labor, materials, and capital, its output of products and services, its location, and the legal form of organization of the owning firm.[2] These facts are obtained in sufficient detail to permit classification by industry, by size of plant, by homogeneity of output and, where desirable, by type of operation, extent of vertical integration, kind of equipment, relationship to other plants of the same firm, and other characteristics.

[2] For 1967, some of this information for 120,000 small companies was not obtained directly but estimated from administrative records. See the discussion of coverage of establishments in sections 4 and 6 below.

TABLE C. Total National Income and Amounts Originating in Durable and Nondurable Manufactures for Selected Years

(Dollar values in billions)

Year	National income	National income originating in manufacturing			Manufacturing as a percent of national income	Durable goods industries as a percent of total manufacturing
		Total	Nondurable goods industries	Durable goods industries		
1967	653.6	195.2	75.5	119.7	30	61
1966	620.6	191.5	72.9	118.5	31	62
1965	564.3	172.6	66.5	106.1	31	61
1964	518.1	155.6	61.9	93.6	30	60
1963	481.9	143.8	57.5	86.3	30	60
1962	457.7	137.0	55.6	81.4	30	59
1961	427.3	125.1	52.8	72.3	29	58
1960	414.5	125.8	52.2	73.6	30	59
1959	400.0	124.0	51.1	72.9	31	59
1958	367.8	107.7	45.7	62.0	29	58
1957	366.1	116.3	46.4	69.9	32	60
1956	350.8	113.1	46.2	66.8	32	59
1955	331.0	107.9	44.0	63.8	33	59
1954	303.1	94.6	39.7	54.9	31	58
1953	304.7	100.4	40.3	60.1	33	60
1952	291.4	92.5	38.2	54.3	32	59
1951	278.0	90.2	38.4	51.8	32	57
1950	241.1	76.2	33.3	42.9	32	56
1949	217.5	64.8	30.5	34.2	30	53
1948	224.2	68.7	32.9	35.8	31	52
1947	199.0	59.5	28.0	31.5	30	53
1943	170.3	58.3	19.6	38.6	34	66
1939	72.6	18.1	9.1	9.0	25	50
1935	57.2	13.4	7.3	6.1	23	46
1933	40.3	7.7	4.9	2.8	19	36
1932	42.8	7.3	5.2	2.1	17	29
1929	86.8	21.9	10.6	11.3	25	52

Source: Survey of Current Business, August 1965, pp. 42-45; July 1966, p. 15; July 1968, p. 23; and August 1970, p. 21.

General statistics (that is, total employment, payroll, production-worker employment, man-hours, wages, cost of materials, value of shipments, inventories, capital expenditures, and value added by manufacture) from the census of manufactures are published by industry, by area, by employment size of establishment, by degree of product specialization within plant, and by type of ownership. Information is supplied on the detailed industrial characteristics of each State and large standard metropolitan statistical area (SMSA); and overall measures of manufacturing activity are shown at the county and individual city level down to cities of 10,000 or more population. The compilation entitled "Location of Manufacturing Plants" shows, for each of the 3,100 counties in the United States, the number of manufacturing plants, by size, for each of 420 industries. Information such as this constitutes a periodic inventory of the Nation's manufacturing economy that provides a benchmark for measuring the changes in its structure.

The census of manufactures also provides benchmarks from which more frequent surveys can be developed on a sample basis. In fact, the present legislation specifying that censuses be conducted every 5 years authorizes an Annual Survey of Manufactures (ASM) on a sample basis during the intervening years. After each 5-year census, a new sample is drawn utilizing the characteristics recorded for each company in the census. The sample, constituting about one-fifth of the establishments but with complete coverage of all large ones, provides an annual updating of the census of manufactures in terms of broad measures of economic activity. It provides the same basic measures of economic activity of the plant such as employment, payrolls, value of shipments, value added by manufacture, as does the census of manufactures, but contains less detailed information on products, materials consumption, and equipment.[3]

The census of manufactures not only is a benchmark for many of the surveys conducted by the Census Bureau itself on a more frequent basis but also is the means of updating other indicators of economic activity. It provides very important information on the manufacturing segment used in the national income accounts. Census data on materials consumed and product output are basic to the manufactures sector of the input-output studies of the Office of Business Economics. The information derived from the census of manufactures is also used to develop indexes of industrial production for census years. These indexes are used as benchmarks for the monthly Federal Reserve Board Index of Industrial Production—a key indicator of

[3]Since the ASM is based on a sample, the cross-classifications by industry and by area are fewer than in the census of manufactures. At the U.S. level, statistics are published in the annual survey for practically all of the 420 industries. However, at the State and SMSA levels, statistics are published only for 3-digit and 2-digit industry groupings, respectively. At the county level, information is published for about 10 percent of the 3,100 counties. These 300-odd counties are the larger ones in terms of manufacturing activity and account for about 80 percent of total manufacturing employment. No information is published at the city level.

TABLE D. Employment in Manufacturing Establishments, by Region: 1849 to 1967

Year	United States	Northeast	North Central	South	West
	Number of employees (thousands)				
1967.....	18,492	5,573	6,059	4,553	2,305
1963.....	16,235	5,190	5,239	3,780	2,025
1958.....	15,423	5,242	5,017	3,382	1,779
1947.....	14,294	5,429	5,109	2,710	1,054
1939.....	9,527	3,879	3,184	1,852	612
1929.....	10,198	4,246	3,516	1,758	675
1899.....	5,077	2,629	1,474	793	181
1849.....	957	696	110	146	4
	Percent of U.S. total				
1967.....	100	30	33	25	12
1963.....	100	32	32	23	13
1958.....	100	34	33	22	12
1947.....	100	38	36	19	7
1939.....	100	41	34	20	6
1929.....	100	42	35	17	7
1899.....	100	52	29	16	4
1849.....	100	73	12	15	-

Source: Census of Manufactures.

Note: Detail may not add to totals because of independent rounding. 1849 data include hand and neighborhood industries, which were excluded from the censuses of manufactures beginning with 1899.

TABLE E. Cumulative Percentage of Number of Manufacturing Establishments and Value Added by Manufacture, by Size Class of Establishment: 1967

Size class	Number of establishments	Value added by manufacture
1 to 4 employees.....	38.4	1.1
1 to 9 employees.....	51.3	2.3
1 to 19 employees.....	64.9	5.1
1 to 49 employees.....	80.9	12.1
1 to 99 employees.....	89.0	20.0
1 to 249 employees.....	95.5	34.9
1 to 499 employees.....	98.0	48.7
1 to 999 employees.....	99.2	62.0
1 to 2,499 employees.....	99.7	77.0
All establishments, total...	100.0	100.0

current economic activity. The census and ASM also provide benchmarks for hundreds of monthly and quarterly surveys of commodity output conducted by the Census Bureau, other government agencies, and by manufacturers' associations.

4. INDUSTRY AND PRODUCT CLASSIFICATION

Structure of the Standard Industrial Classification.—The basic classification system employed in the economic censuses is the Standard Industrial Classification (SIC). The SIC was developed for use in the classification of establishments by type of activity in which engaged. It covers the entire field of economic activities, subdivided as follows:

Industrial division	Title	Major groups
A	Agriculture, forestry, and fisheries	01-09
B	Mining	10-14
C	Contract construction	15-17
D	Manufacturing	19-39
E	Transportation, communication, electric, gas, and sanitary services	40-49
F	Wholesale and retail trade	50-59
G	Finance, insurance, and real estate	60-67
H	Services	70-89
I	Government	91-94
J	Nonclassifiable establishments	99

Below the major group level, the SIC provides for 3-digit groups and finally for 4-digit industries. To illustrate—

Division D.—Manufacturing

Major Group 20 ..... Food and kindred products
Industry group 202 ..... Dairy products
Industry 2023 ..... Condensed and evaporated milk

The SIC is the responsibility of an intragovernmental technical committee headed by the Office of Management and Budget (formerly Bureau of the Budget). The system is used by all Federal Government agencies engaged in the classification of establishments. To facilitate comparison with Federal statistics and the filing of reports, many state and local governments and business concerns organize their own records along SIC lines.

The first SIC manual was issued in 1939. For the manufacturing sector, the nucleus of the manual was the census of manufactures industry classifications developed over a period of many years.[4]

Structure of the SIC Manufacturing Division.—For the manufacturing division, the 21 2-digit SIC Major Groups (19 to 39) are subdivided into 149 3-digit SIC Groups (191 to 399) and into 422 4-digit industries (1911 to 3999). While the SIC contains 422 industries, the Bureau of the Census has combined two small industries with others for a total of 420 industries.

Most of the 422 manufacturing industries are defined in terms of a specific group of related products. Usually, the products are made of similar materials and by similar processes, and are competitive. In determining the boundaries of product-

[4] For the manufacturing industries, a revised manual was issued in 1945 which, with minor modifications, was used in the 1947 census of manufactures. For the 1954 census, the classification structure used in 1947 was again employed, again with minor modifications. In 1957, the SIC system was extensively revised for manufacturing industries and historical comparability of some data was seriously affected. This revision and its effects on census series are described in the introduction and appendixes to the 1958 census volumes. Minor revisions of the SIC between 1958 and 1967 introduced some 4-digit industry changes but none of them crossed 3-digit group lines. Another extensive revision of the SIC, now under way, is scheduled to be effective with 1972.

defined industries,[5] it is essential that each industry comprise a group of establishments whose output of products defining the industry (primary products) accounts for a relatively high proportion of the total shipments of the industry as well as of the total shipments of these primary products by establishments in all manufacturing industries. Some industries are defined in terms of the processes or equipment used regardless of the final product of the establishment. A small number of industries are basically defined by material used as well as final product of the plant.

There are wide differences among industries in the extent to which the establishments classified in the industry (a) account for the total production of commodities "primary" to the industry, (b) produce products or services "belonging" to other industries (that is, secondary products), and (c) use similar materials or processes. While these variations are frequently construed to be shortcomings, the fact is that the limitations observed in the classification structure arise from the inherent complexity of our economic system and from the disparity in the methods of production among the individual producing units of which it is comprised. The data collected in the census of manufactures provide a statistical basis for a critical evaluation of the classification system; that is, for assessing the boundaries between industries, the growth and decline of industries, and the impact of technological change on the classification of industries.[6]

No general-purpose system of industrial classification can hope to satisfy all users of census data. Some business users will be interested primarily in data relating only to themselves and to their competitors in the production of a narrow range of products; others will wish data relating to all products, including complementary and substitutable products, competing in a particular market; others may wish data relating to the consumers of one or more types of materials. Some may be interested only in the data for plants producing a specific product; others only for those plants producing a "full line" of products. The large number of SIC industries provides the analyst with the "building blocks" for obtaining useful approximations, if not "clean" data, relevant to many of these problems. But, at best, a single general-purpose system of classification can only partially satisfy these diverse needs; a point is soon reached beyond which the adaptation of a system to serve one use somewhat better will reduce its ability, often disproportionately, to serve an alternative use.

Accordingly, users of data frequently regroup detailed SIC industries into broad groupings along lines different from those in the SIC 2- and 3-digit categories. The Federal Reserve Board for many years has made combinations to stress such criteria as durable, nondurable, consumers, producers, finished, intermediate goods, etc. Other public and private agencies also recombine the detailed classes. By and large, the 4-digit industries are susceptible to allocation to such categories, while the 2-digit SIC groups are not.

Subindustries.—To increase the usefulness or improve the editing of the data, the Census Bureau frequently has further classified the basic 4-digit SIC industries into "subindustries." This device is employed where there are wide disparities in the operating ratios of the plants in the industry because of differences among plants in the degree of vertical integration, technology, methods of distribution, geographic location, types of materials used, etc. This technique was used for about 65 manufacturing industries for editing purposes and many were regarded as significant enough to be used for publication: For example, the bakery industry (SIC 2051) is subdivided into wholesale bakeries, chain-store bakeries, home-service bakeries, and retail multi-outlet bakeries and many apparel industries (Group 23) are subclassified into manufacturers, contractors, and jobbers.

To provide a further measurement of variations within 4-digit industries, the Bureau also subclassifies establishments by the degree to which they produce the primary products or specific classes of primary products of the 4-digit industry. This is in effect a subindustry classification based on degree of product specialization which is published in table 8 of the industry chapters.

Definition of Manufacturing.—As defined in the SIC, manufacturing is the mechanical or chemical transformation of inorganic or organic substances into new products. The assembly of component parts of products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfer to other plants of the same company, or to the order of industrial users rather than for direct sale to the household consumer. However, some manufacturers (for example, baking, milk bottling, etc.) sell chiefly at retail to household consumers through the mail, through house-to-house routes, or through salesmen. Some activities of a service nature (enameling, binding, platemaking, etc.) are included in manufacturing when they are performed primarily for trade; but they are considered nonmanufacturing when they are performed primarily to the order of the household consumer. On the other hand, some manufacturing industries include business firms which perform only the entrepreneurial functions of buying the materials and designing and marketing the product, but have the actual production done on contract (for example, apparel jobbers).

Auxiliary Units.—In addition to the production of goods and manufacturing services, manufacturing plants engage in related and diverse supporting activities. These activities encompass the acquisition of materials to be processed, their movement into the manufacturing facility, their storage at the manufacturing site, the operation and maintenance of plant and equipment, the design of flow of work through the production process, and necessary arrangements for shipment of output to customers. Also included are a host of subsidiary activities associated with the operation of the establishment as a manufacturing entity (for example, management and policy formation, product and market orientation, engineering and quality control, recordkeeping and accounting, physical security of plant and equipment, and the like). Such subsidiary activities may be performed by personnel located at the manufacturing facility or at an auxiliary unit serving one or more manufacturing locations of the same company. Where these activities are carried on at a different physical location or are performed for more than one plant, they are excluded from the figures for operating manufacturing establishments and are included in the data shown for central administrative offices and auxiliaries. (See the description of the questionnaire used for these establishments, Form NC-X6, in section 7, below.)

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[5] Frequently, business analysts and other data users look at a group of products from more than one point of view. For example, modern high-speed computers are classified as office machines. This describes the purpose of the product. In a physical sense, however, such computers would be described as electronic devices. Similarly, paper bags, wooden boxes, glass bottles, tin cans, and steel barrels may all be classified as containers or they may be individually grouped with other products of similar materials such as converted paper products, wood products, glass products, etc.

[6] See *Industry Classification and Sector Measures of Industrial Production* by James W. McKie, Bureau of the Census Working Paper No. 20, 1965, and *Historical Comparability of Census of Manufactures Industries, 1929-1958* by Harold T. Goldstein, Bureau of the Census Working Paper No. 9, 1959.

Marginal Activities.—The following types of activities, while having some of the characteristics usually found in manufacturing, are considered as nonmanufacturing and, therefore, are excluded from the census:

(a) Processing on farms when the raw materials are grown on the farm and the manufacturing activities (poultry dressing, milk and butter production, logging) are on a small scale without extensive use of paid labor. Also custom milling, cotton ginning, egg hatching, and similar activities closely associated with agriculture are excluded.

(b) Mineral preparation such as the crushing, screening, and concentrating of ores. However, mining performed as a secondary activity in conjunction with manufacturing is included in the census unless a separate report for the mining activity was filed; for example, stone and clay mining at cement, lime, and clay products plants.

(c) Custom work to the individual order of household consumers. Examples are custom tailoring, woodworking, lettering on monuments, setting of diamonds, and the making of orthopedic appliances.

(d) Repair and other service activities, except specified services performed "for the trade." Repair shops of railroads are also excluded.

(e) Production of coke for own use by establishments owned by public utility companies.

In the 1967 census, no attempt was made to measure the extent of manufacturing at locations which are not primarily manufacturing plants, such as retail establishments which sell most of their products on the premises directly to household consumers (retail bakeries,[7] ice cream stores, etc.), or manufacturing by construction contractors at the site (for example, production of paving mixtures).

Conversely, it is not unusual for manufacturing establishments to engage also in nonmanufacturing activities such as repair work, merchandising of products without further processing, and installation work. Ordinarily, these nonmanufacturing receipts are small in relation to the manufacturing activities and, therefore, it is not difficult to determine that the establishments should be included in the manufactures area. However, if the nonmanufacturing activities account for a significant proportion of total receipts of an establishment, the classification of that establishment into the appropriate major economic sector is more difficult.

In the 1967 economic censuses, an establishment engaged in a combination of manufacturing and merchandising was assigned either to the manufacturing or the trade industries depending on which of these activities was estimated to account for the larger share of its "value added" or "income produced." This criterion, even though based on approximation, was considered preferable to reported dollar volume of receipts from each type of activity in determining the primary industry, since manufacturing requires considerably more man-hours, salaries and wages, and capital inputs per dollar of receipts than either wholesaling or retailing. However, in classifying establishments engaged in manufacturing and also in mining, repair work, installation, construction, or other nonmanufacturing services, dollar receipts were used as the basis of classification because these activities require substantially comparable input per dollar of receipts.

Establishment Basis of Reporting.—The SIC is an establishment classification system, and the census of manufactures is conducted on an establishment basis. That is, a company operating establishments at more than one location is required to submit a report for each location; also, a company engaged in distinctly different lines of activity at one location is required to submit separate reports if the plant records permit such a separation and if the activities are substantial in size.

The requirement that distinct lines of activity at the same location be separately reported was selectively applied where the establishment produced and shipped significant amounts of products classified in different SIC industries. In widely varying degrees, this product overlap exists in many manufacturing establishments. Generally, the amounts involved are not significant enough to warrant the filing of separate reports, even if feasible. However, there are a number of locations at which large numbers of employees are engaged in each of two or more distinct lines of manufacturing as defined in the SIC. Frequently, companies organize their operations and their records separately where diverse activities are large (for example, with more than 100 employees in each line of activity) and choose to report them as separate plants. When they do not do so on their own initiative, the Census Bureau requests separate reports. For the most part, companies have responded favorably, particularly for very large operations where failure to "split out" the different activities would significantly distort the relationship of the industry and product statistics. Not infrequently, though, the two groups of products were made on the same production lines by many of the same employees and could not be distinguished sufficiently in company records to provide establishment-type reporting.

SIC industry defintions take account of special situations where otherwise separately classifiable activities are frequently combined at one location. For example, in the lumber area the definition of industry 2421, Sawmills and Planing Mills, General, recognizes the situation that sawmills may include logging operations. Similarly, in the pulp and paper area, pulpmills operated in combination with papermills are included in one report.

Coverage of Establishments.—The censuses of manufactures for 1947 to date have included establishments with one employee or more. In the 1967 census, for the first time, reports were not obtained directly from all such establishments. Approximately 120,000 small manufacturing firms[8] were excused from filing reports; under special arrangements which safeguarded the confidentiality of both tax and census records, limited data on payrolls, sales, and industry classification from the administrative records of the Social Security Administration (SSA) and the Internal Revenue Service (IRS) were made available to the Census Bureau for use in the 1967 economic censuses. Estimates for data other than payrolls and sales for these small establishments were constructed from historical industry ratios. The effect on industry aggregates is slight in most industries; for manufacturing as a whole, they account for only 1.2 percent of the value added. Detailed product and materials data for these small establishments were not estimated; the entire value of product shipments and cost of materials was imputed to a "not specified by kind" category.

In the censuses of 1921 through 1939, establishments with less than $5,000 value of products were excluded. For 1899 to 1919, the limit was $500. The change in the minimum size limit to an employment basis in 1947 did not appreciably affect the overall comparability of earlier census figures, except for the number of establishments.[9]

[7] Separate data for retail bakeries with baking on the premises were included in the retail census publications, however.

[8] The characteristics of these firms are discussed below in section 15.

[9] This point is discussed at greater length in the Introduction to the 1947 volumes.

A sample survey of manufacturing plants with no paid employees was conducted in conjunction with the 1958 census. While there were nearly 52,000 establishments in this category in that year, they accounted for only about one-quarter of 1 percent of the total value of shipments of all manufacturing industries. The proportion was higher for certain industry groups such as lumber and wood products and printing and publishing.

As indicated above, report forms were not mailed to 120,000 very small establishments. These establishments were assigned the industry classifications to which they had been coded in the 1963 Census of Manufactures, or if they had begun in business after 1963, on the basis of brief descriptions of the general activity of the establishment as reported to the Social Security Administration. Where the description is incomplete or there are relatively fine lines of demarcation between industries or between manufacturing and nonmanufacturing activity, the code assigned to an establishment could differ from that which would have been assigned on the basis of more complete product information. Therefore, the total establishment count should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 or more employees are far more reliable than the total number of establishments.

Primary and Secondary Products.—As applied in the economic censuses, the SIC coding system operates in such a way that the definitions become progressively narrower with successive additions of numerical digits. At one extreme are the 21 very broad 2-digit groups and at the other about 10,500 individual 7-digit products. In between are approximately 150 3-digit groups, 420 4-digit industries, and 1,200 5-digit product classes. The 7-digit products and 5-digit product classes are considered the primary products of the industry with the same first four digits as the product code. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. The industry code assigned to the establishment is derived from a summation of values for 7-digit product codes to their 4-digit industry and the selection of the largest such value as the establishment's industry classification. However as mentioned earlier, the industry classification of an establishment may be determined not only by the products it makes but also by the processes employed or materials used in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. Therefore, the general statistics (employment, payrolls, inventories, value added by manufacture, total value of shipments, capital expenditures, etc.) shown for an industry (tables 1 to 4 of the industry chapters in Volume II) reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature. The product statistics in table 6 of the industry chapters represent the total output of specific products whether they are produced by establishments classified in the same industry as the product or not. For this reason, in relating the industry statistics in the industry chapters, especially the industry total value of shipments (tables 1 to 4), to the product statistics (table 6), the composition of the industry's output as shown in tables 5A and 5B should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the two ratios which are computed from tables 5A and 5B. The first of the ratios, called the primary product specialization ratio, describes the proportion of product shipments ,(both primary and secondary) of the industry represented by primary products. The second, defined as the coverage ratio, is the proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

Degrees of Integration.—In many industries, establishments making products falling into the same industry category use a wide variety of processes and materials to produce them. Also, within the same industry classification based on end products, may be included those establishments which are vertically integrated and those which put only the finishing touches on an already highly fabricated purchased item. For example, in the refrigeration industry, there are instances of almost complete process integration in which the production of the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly, are all carried on at one plant. In other plants, the condensing unit, the motor, and the case may be purchased and merely assembled into the finished product.

In some instances, nonintegrated plants have been placed in separate industry categories from the integrated plants. In many industries, the census provides separate statistics on departmental operations or on the production of intermediate commodities made and used in the producing plant. When an industry includes plants which ship a significant proportion of their output to other plants of the same company, separate figures are usually shown on the interplant transfers.

These differences in the integration of production processes, types of operations, and types of materials used should be taken into account when relating the general items (employment, payrolls, value added, etc.) to the product and materials data. For those industries where the integrated type of operations is of consequence, that fact is pointed out in the explanatory text for the industry.

Industry Code Resistance.—The production of many establishments is so evenly divided among two or more industry-determining product groups that the predominant groups (which can represent less than half of the total value if there are three or more groups) changes from year to year. In the ASM, these plants are prevented from shifting back and forth among industries due to minor shifts in product mix, by the application of a "resistance formula" in assigning industry classifications.

A resistance formula of the ASM type was first used in the 1963 Census of Manufactures and again applied in the 1967 census. In the 1967 census, the formula was applied only to establishments included in the 1966 ASM sample panel with certainty (that is, included with a probability of "1"). In general, certainty cases included all establishments of companies with at least one manufacturing plant with 100 employees or more (250 employees or more in the apparel manufacturing and printing and publishing industries). The formula gives approximately equal weight to the need for maintaining continuity in the establishment composition of an industry, thus improving the measurement of change, and the need for reflecting the industry's exact status at a point in time.

In the 1967 census, the industry classification of a certainty case was allowed to change from that assigned in 1966 under one of the following conditions:

(1) The value of the 1967 primary products constituted 60 percent or more of its total value of product shipments, or

(2) The value of the 1967 primary products, while less than 60 percent, was at least twice the value of the 1966 primary products in 1967, or

TABLE F. Value Added by Manufacture, by Regions, Divisions, and States: 1967

Region, division, and State	Value added by manufacture, 1967	Percent of U.S. total
United States, total...	261,983.8	100.0
Northeast Region.....	76,233.8	29.1
New England Division.....	18,972.1	7.2
Maine.....	1,069.5	.4
New Hampshire.....	931.9	.4
Vermont.....	515.0	.2
Massachusetts.....	8,715.0	3.3
Rhode Island.....	1,350.9	.5
Connecticut.....	6,389.8	2.4
Middle Atlantic Division...	57,261.7	21.9
New York.....	25,246.7	9.7
New Jersey.....	12,738.2	4.9
Pennsylvania.....	19,276.8	7.4
North Central Region.....	91,788.1	35.1
East North Central Division	75,015.6	28.6
Ohio.....	20,435.4	7.8
Indiana.....	10,308.0	3.9
Illinois.....	20,016.5	7.6
Michigan.....	17,241.6	6.6
Wisconsin.....	7,014.1	2.7
West North Central Division	16,772.5	6.4
Minnesota.....	4,080.2	1.6
Iowa.....	3,250.9	1.2
Missouri.....	5,895.0	2.3
North Dakota.....	112.8	-
South Dakota.....	171.3	.1
Nebraska.....	1,150.0	.4
Kansas.....	2,112.4	.8
South Region.....	59,647.3	22.8
South Atlantic Division....	29,312.8	11.2
Delaware.....	958.4	.4
Maryland.....	3,781.3	1.4
District of Columbia.....	332.8	.1
South Region--Con.		
South Atlantic Div.--Con.		
Virginia.....	4,067.7	1.6
West Virginia.....	2,169.5	.8
North Carolina.....	6,606.5	2.5
South Carolina.....	3,030.3	1.2
Georgia.....	4,683.6	1.8
Florida.....	3,682.7	1.4
East South Central Division	13,717.9	5.2
Kentucky.....	3,636.0	1.4
Tennessee.....	4,921.1	1.9
Alabama.....	3,525.5	1.4
Mississippi.....	1,635.3	.6
West South Central Division	16,616.6	6.3
Arkansas.....	1,557.7	.6
Louisiana.....	2,790.3	1.1
Oklahoma.....	1,346.2	.5
Texas.....	10,922.4	4.2
West Region.....	34,196.8	13.1
Mountain Division.....	4,521.9	1.7
Montana.....	311.6	.1
Idaho.....	503.4	.2
Wyoming.....	86.2	-
Colorado.....	1,509.2	.6
New Mexico.....	204.5	.1
Arizona.....	995.3	.4
Utah.....	777.9	.3
Nevada.....	133.8	.1
Pacific Division.....	29,674.9	11.3
Washington.....	3,764.2	1.4
Oregon.....	2,060.5	.8
California.....	23,393.6	8.9
Alaska.....	130.4	.1
Hawaii.....	326.2	.1

(3) The value of 1967 primary products, while not meeting either of the two prior conditions, exceeded the value of the 1966 primary industry's products in both 1967 and 1966 by at least 20 percent.

The Classification of Products and Materials.—In census industrial statistics, a commodity classification system based on the SIC is employed. The code numbers used in this system relate the commodity to the industry in which it is produced. For example, the 7-digit product code number 2023212 refers to canned evaporated milk. The first five digits of this code number, 20232, refer to the "product class" canned milk, and the first four digits, 2023, refer to the industry in which these products are made (the condensed and evaporated milk industry). The system is also applied to the coding of materials insofar as the first four digits are concerned; for example, the code number 013205 refers to whole milk used as a materials, and the first four digits of this code number, 0132, refer to the agricultural industry, dairy farms, where this product originates.

This SIC-based system is simpler than other systems for the coding of industrial products and materials used, since there is a direct numerical relationship between commodities and industries. Complications occur in the few SIC industries defined in terms of processes or equipment used as well as products made. As an example, women's sweaters are produced in knitting mills (industry 2253) and also in cut-and-sew shops (industry 2339). To retain the industry-of-origin concept, therefore, it is necessary to assign different product code numbers to women's sweaters, depending on where they are made.

The SIC-based commodity classification is used in the Census Bureau's entire industrial statistics program, including monthly, quarterly, and annual surveys, and also in the census of wholesale trade. The Bureau also publishes data on imports and exports in terms of SIC-based categories as well as the traditional Schedule B and TSUSA systems.[10]

5. GEOGRAPHIC CLASSIFICATION

Census Divisions and Regions.—In order to present census data at a level intermediate between the U.S. total and those for the

[10]Schedule B is the U.S. export classification while TSUSA is applied to imports.

TABLE G. The 50 Largest SMSA's Ranked by Value Added by Manufacture: 1967 and 1963

Standard metropolitan statistical area	Number of employees (thousands)	Value added by manufacture	1967 rank	1963 rank	Standard metropolitan statistical area	Number of employees (thousands)	Value added by manufacture	1967 rank	1963 rank
New York, N.Y.	1,147.4	13,803.5	1	1	Indianapolis, Ind.	134.7	1,855.6	26	25
Chicago, Ill.	983.1	13,755.3	2	2	Dallas, Tex.	148.9	1,810.8	27	28
Los Angeles-Long Beach, Calif.	855.4	12.088.2	3	3	Gary-Hammond-East Chicago, Ind.	105.0	1,806.6	28	20
Detroit, Mich.	584.5	8,498.1	4	4	Atlanta, Ga.	117.2	1,604.0	29	30
Philadelphia, Pa.-N.J.	573.8	7.958.8	5	5	Jersey City, N.J.	107.2	1,584.9	30	24
Cleveland, Ohio	306.8	4,297.0	6	6	Greensboro-Winston-Salem-High Point, N.C.	110.9	1,567.0	31	-
St. Louis, Mo.-Ill.	295.5	4,158.9	7	7	Providence-Pawtucket-Warwick, R.I.	138.0	1,533.9	32	32
Boston, Mass.	316.2	4 155.5	8	9	Hartford, Conn.	110.6	1,432.3	33	35
Newark, N.J.	263.7	4,071.1	9	8	Akron, Ohio	101.1	1,400.8	34	33
Pittsburgh, Pa.	299.6	3,838.1	10	10	Youngstown-Warren, Ohio	82.9	1,260.5	35	38
San Francisco-Oakland, Calif.	197.8	3,160.1	11	11					
Milwaukee, Wis.	216.5	2,982.5	12	13	Toledo, Ohio-Mich.	77.7	1,200.8	36	37
Rochester, N.Y.	145.7	2,914.9	13	19	Fort Worth, Tex.	78.4	1,200.7	37	-
Houston, Tex.	138.1	2,873.0	14	18	Beaumont-Port Arthur-Orange, Tex.	33.2	1,166.4	38	-
Baltimore, Md.	209.7	2,858.8	15	12	Columbus, Ohio	83.0	1,162.2	39	34
Minneapolis-St. Paul, Minn.	203.7	2,819.4	16	17	Bridgeport, Conn.	79.5	1,150.0	40	41
Cincinnati, Ohio-Ky.-Ind.	166.8	2,704.1	17	15	Denver, Colo.	74.1	1,121.5	41	36
Buffalo, N.Y.	176.2	2.653.5	18	14	Portland, Oreg.-Wash.	79.8	1,115.4	42	44
Paterson-Clifton-Passaic, N.J.	190.0	2,506.6	19	16	Allentown-Bethlehem-Easton, Pa.-N.J.	102.6	1,093.2	43	40
Louisville, Ky.-Ind.	110.0	2,082.5	20	22	Grand Rapids, Mich.	75.7	1,091.4	44	42
					Springfield-Chicopee-Holyoke, Mass.-Conn.	73.3	947.7	45	47
Kansas City, Mo.-Kans.	129.4	2,070.7	21	23	Syracuse, N.Y.	68.2	941.1	46	43
Seattle-Everett, Wash.	162.2	2,038.5	22	21	Birmingham, Ala.	68.0	906.5	47	39
Anaheim-Santa Ana-Garden Grove, Calif.	125.8	1,963.8	23	27	Canton, Ohio	62.5	896.6	48	48
Dayton, Ohio	126.2	1,908.4	24	26	Albany-Schenectady-Troy, N.Y.	65.3	892.5	49	46
San Jose, Calif.	120.3	1,907.5	25	29	New Orleans, La.	55.5	860.1	50	50

Note: The Flint, Mich., SMSA falls within the top 50 SMSA's, but is excluded from this table to avoid disclosing figures for individual companies.

individual 50 States and the District of Columbia, the Census Bureau has used regional groupings for over a century. Since the 1909 Census of Manufactures, the present nine geographic divisions have been used. Beginning with the 1939 census, the nine divisions were also classified into four geographic regions: Northeast, South, North Central, and West.

Not only are these groupings convenient for the summary presentation of census data below the U.S. level, but they are also essential to presenting a maximum of geographic information where the individual State data cannot be shown without disclosing figures for individual companies. (See section 22, "Confidentiality".) The relative importance of manufacturing among the regions, divisions, and States is shown in table F.

Standard Metropolitan Statistical Areas.—In addition to the data for the legally constituted geographic units (States, counties, and cities), all manufacturing totals are shown for approximately 230 standard metropolitan statistical areas (SMSA).[11] In the 1967 tables, detail for 2-, 3-, and 4-digit industries is shown for any SMSA when it would not disclose data for individual companies and the industry had at least 250 manufacturing employees. Prior to 1967, detail had not been shown for SMSA's with under 40,000 total manufacturing employment and only industry group figures were shown for SMSA's with 40,000 to 190,000 employees.

Standard metropolitan statistical areas are integrated economic and social units with a large volume of daily travel and communication between the central city (having 50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force and are socially and economically integrated with the central city. These areas were defined by the Federal Committee on Standard Metropolitan Statistical Areas for general-purpose use in presenting economic and social data. In the New England States, similar integration criteria have been applied in defining standard metropolitan statistical areas, but on a city and town basis, because towns are regarded as the significant unit in this region of the country.

[11] See appendix F for a description of each SMSA.

The requirement that each SMSA consist of county units (except in New England) sometimes results in the inclusion in an area of a considerable amount of territory which would not ordinarily be considered "metropolitan," much less "industrial." It is recognized that metropolitan areas could be more accurately defined in terms of smaller area segments such as minor civil divisions, but the usefulness of areas so defined would be limited by the fact that many types of economic and social data are available only on a county basis.

Each SMSA is designated by the name of the principal city of the area. In addition to the name of the principal city, the area title may include one or two additional city names.

Industrial Counties.—In addition to industry statistics for standard metropolitan statistical areas, table 7 of each State report, presents data by county for each industry group (2- and 3-digit) that had at least 450 manufacturing employees where it would not result in disclosure of figures reported by individual companies.

Cities with 450 Manufacturing Employees or More.—Summary totals and industry detail at the 2-digit level are shown for individual cities with 450 manufacturing employees or more, provided the data do not disclose information for individual companies.

Value added by manufacture in all SMSA's accounted for 76 percent of the U.S. total in 1967. The relative importance of the 50 largest SMSA's is shown in table G.

II. METHODS

6. PLANNING AND PREPARATION

General.—The Census Bureau has an obligation to meet public needs for timely and reliable information while holding costs and the burden on respondents to a minimum. During the planning stages of the 1967 economic censuses, the advice of trade and professional associations, Federal and State government agencies, individual companies, labor unions, and research and educational organizations was solicited in an effort to reach both the users of data and the respondents who supply the basic figures. Simultaneously, studies of the problems encountered in the 1963 censuses were undertaken, and proposals to improve the methods of collection, processing, and tabulation were explored.

A Major Processing Innovation.—Beginning with the 1954 economic censuses, the basic mailing lists have been obtained from Internal Revenue Service (IRS) and Social Security Administration (SSA) records.[12] These records were also sampled to develop statistics for retail and service establishments with no employees. After the 1963 censuses, it was decided to investigate the feasibility of making greater use of the data in the IRS-SSA records. This effort led, in the 1967 censuses, to the exemption of over 2,000,000 firms from the filing requirement, including 120,000 small manufacturers. Instead, census-type statistics for this group were developed from IRS-SSA records. Well in advance of the data collection phase of the censuses, plans for using these records for small employers were developed in close cooperation with those agencies. Specific procedures for this use and for assuring confidential treatment of individual tax returns were set forth in Executive Order No. 10911, dated January 17, 1961, and Treasury Decision No. 6547 of the same date. The basic records used were business income tax returns (IRS forms 1040C, 1065, 1120, and 1120S) and payroll tax returns (IRS form 941). The information obtained from these reports was the name and address, payrolls, and gross business receipts. In addition, an SIC industrial activity code was assigned by use of the permanent SSA records which indicate the industry or kind of business of each employer. Other census statistics for these small firms were imputed, using industry average ratios to payrolls and sales.[13]

[12] The 1947 Census of Manufactures list was also obtained from the SSA.

[13] As discussed elsewhere in this introduction, the amount of imputation introduced by this procedure was only about 1 percent of the overall totals.

Planning the Content of Questionnaires.—As in previous censuses, the content of the 1967 questionnaires was developed in consultation with a large number of organizations and individuals, representing both the manufacturers who supply the basic data and those who use the resulting statistics. Those consulted included government agencies, individual firms, labor unions, the American Statistical Association, the American Economic Association, the American Marketing Association, the National Association of Manufacturers, and all national manufacturers' associations covering specific industries.

A special effort was made to obtain the advice of individual manufacturers and their trade associations as to the content of the sections of the report forms dealing with the output of specific products. Drafts of the proposed 1967 product sections were circulated among 800 trade associations and about 4,000 manufacturing companies, both large and small. These inquiries followed the pattern of the 1963 census inquiries, with the introduction of new product detail reflecting suggestions received by the Census Bureau after the 1963 canvass. Small items (those valued at $5 million or less) were not retained in the list unless they were needed to simplify the classification of other products or were of strategic importance. The manufacturers and others consulted in this clearance procedure were requested to comment particularly as to whether the proposed detail was readily reportable from business records, and whether it represented the most appropriate set of items for the industry. A restriction was placed on proposals for additional detail; it was stipulated that the 1967 value of any new product category should exceed $15 million.

The thousands of comments and suggestions received in this clearance procedure were analyzed by the census staff. Finally, a detailed account of the review procedure and the decisions reached was forwarded to the Office of Statistical Standards, Bureau of the Budget, along with the Census Bureau's recommendations for the content of the product sections.

The final review of the content was performed by the Office of Statistical Standards with the assistance of the Advisory Council on Federal Reports. The latter organization is a group of business executives representing a cross section of industries and various professions within companies such as controllers, economists, and market research directors.

7. REPORTING FORMS

A representative selection of the reporting forms used in the 1967 census is reproduced in appendix D. The uses of each of them are discussed below.

General Forms.—This group of forms was used in the economic censuses generally, either as companywide reports or as reports for establishments whose classification was not known precisely in advance of mailing.

NC-X1A, Report of Company Organization.—This companywide report and its companion form NC-X1B were used in the precanvass of multiunit companies conducted in 1967. A more detailed account of their use is given in section 8, "The Mailing Lists."

NC-X3, General Schedule.—This questionnaire was designed to obtain information from small companies for which the industry code available in the SSA records was not precise enough to indicate which one of the standard census questionnaires should be mailed. The information provided on form NC-X3 was used to classify these companies by industry and tabulate their data in the appropriate census.[14]

NC-X6, Central Administrative Offices or Auxiliary Establishments.—Many multiunit companies maintain separate establishments to provide centralized administrative, management, or other supporting services for other establishments of the same company, but not for the general public or other companies. These establishments were asked to complete form NC-X6. The form contained questions on approximate employment for such functions as centralized administration, research and development, warehousing, and other auxiliary activities, and on the cost of research and development work performed by these nonmanufacturing establishments.

Annual Survey of Manufactures Forms.

MA-100.—This form is the establishment report used in the ASM since 1949 (with modifications). As mentioned above, this form was used in 1967 as the first sheet of the census of manufactures report for the establishments included in the ASM sample. The establishment's 1966 data were imprinted on the report form before mailing, thus aiding the respondent in following the instructions for the census. Item 9, "Quantity and value of products shipped and other receipts," on form MA-100 corresponds to item 18 on the census form MC-36B and its companion forms, the difference being that item 18 called for more detailed information on product shipments.

MA-101, Expenditures for Plant and Equipment for Manufacturing Establishments Under Construction.—This form was designed to obtain data on capital expenditures by large manufacturing firms for new plants not yet in operation at the end of the year. It was mailed to all multiunit companies with 250 employees or more. It was also mailed to any other company which indicated on one of its establishment report forms, in a special check-box section, that it had a plant under construction but not yet in operation. Each such plant was coded geographically and to a 4-digit industry from the description given of its expected activity. The information obtained on form MA-101 was included in the capital expenditures figures in the 1967 census tabulations. (For further discussion, see section 18, "Capital Expenditures.")

[14]The use of Form NC–X3 is also discussed in section 8, "The Mailing Lists."

Other Related Forms.—Form CB-51J-1, "Manufacturers Sales Branches and Sales Offices," which is reproduced in appendix D, is typical of the several forms used for these establishments in the census of business. The forms differed only in the kinds of products sold as listed in item 12. In item 5, line b provided verification of the classification of the establishment as a sales branch or sales office. If the line-b percentage indicated that more than half of the goods sold were not manufactured by the parent company, the establishment was reclassified into one of the merchant wholesaler categories.

NC-K1, Company Summary Report.—Each multiunit company with 250 employees or more received a form NC-K1, Company Summary Report, along with the appropriate questionnaires for its establishments. The NC-K1 requested consolidated company totals for key data items, such as receipts, new capital expenditures, inventories, and fixed assets. In addition, each company was asked to distribute the 1967 employment reported on its establishment questionnaires by its IRS-SSA employer identification numbers (EI numbers) and to compare these totals to the figures reported on its Treasury Form 941 tax returns. This comparision provided assurance that all domestic establishments of each large multiunit firm and its subsidiaries would be included in the censuses. Form NC-K1 served this operational purpose and also provided essential data for the enterprise statistics program described above in section 1.

Census of Manufactures Forms.—The questionnaire reproduced in the appendix, form MC-36B, is typical of the 180 forms used for operating manufacturing establishments. Each of these forms was designed to be used for a specific group of industries. For establishments included in the Annual Survey of Manufactures sample, form MA-100 was substituted for the front sheet of form MC-36B and its companion forms, since the content was virtually the same and it was desired to maintain continuity of reporting in the ASM. Whether or not form MA-100 was used, the inquiries on the 180 forms were identical except for the detailed questions on products shipped, materials used, and miscellaneous topics such as operations performed, equipment used, and delivery of products.

MC-171, Department of Defense Establishments, and MC-D4, Penal Institutions.—These forms were used to collect information on government-owned and government-operated manufacturing establishments. They were used for two types of establishments: (1) Manufacturing facilities owned and operated by the Department of Defense, and (2) prison industries (Federal, District of Columbia, and State). The data were prepared with the cooperation of the Department of Defense, the Department of Justice, and the District of Columbia and State prison systems. For Department of Defense installations, information was provided on employment, man-hours, payrolls, cost, and value of work done, by industry group and by State. For prison industries, however, only product data was requested. The data are presented in a special report included in Volume I and are not included in the totals for operating manufacturing establishments.

8. THE MAILING LISTS

General.—As discussed in section 6 above, the basic lists for 1967 were obtained from IRS-SSA records, supplemented importantly by the inclusion of the ASM list of 60,000 establishments. Since the IRS-SSA lists consist essentially of the names and addresses of companies rather than establishments,[15] however, it was

[15]The SSA records for multiunit companies identify "reporting units," which in many instances correspond to census establishments. The differences are such, however, that it was found necessary to obtain up-to-date lists of establishments as described in this section. Also, the Census Bureau concept of a company differs from the IRS–SSA definition, since the Census company includes all establishments under common ownership or control; in the IRS–SSA records, subsidiary corporations are often treated as independent companies.

necessary to follow separate procedures for multiunit companies (those operating at more than one location).

The Precanvass.—Multiunit companies were required to file at least one establishment report[16] covering each location. In order to select the appropriate questionnaires, it was necessary to determine in advance the nature of operations at each location. Beginning early in 1967, therefore, a "Report of Company Organization" (form NC-X1A)[17] was obtained from firms known to be multiunits from previous census records. All multiunit firms included in the ASM reported on form NC-X1A. A shorter questionnaire, form NC-X1B,[17] was also sent to other firms which were regarded as possible multiunits, including all manufacturers with 500 employees or more who were not on the NC-X1A list.

Both of these forms consisted essentially of a report on company affiliation and a list of the domestic establishments operated by the company. Before the forms were mailed, the company's establishments as identified in census records were prelisted. In the instructions for form NC-X1A, the respondents were asked to make any necessary corrections to this list. In addition, they were asked to supply descriptions of any new establishments not already listed, including their approximate size.

Approximately 700 large multiunit companies were segregated for special handling in the precanvass because problems involving overlap and duplication were anticipated. Many of these companies were active in retail and wholesale trade as well as in manufacturing. The instructions for the precanvass were reviewed with these firms in personal discussions with officials of their accounting departments, in order to make certain that the procedure was understood and the establishments properly described on form NC-X1A.

Initial Control File.—This file, consisting of about 7 million names and addresses of companies, was assembled from IRS-SSA records and other sources including the 1963 economic census records. For manufacturing, the ASM records were incorporated in the file.

Single-Unit Companies.—The mailing lists for single-unit companies (those operating at only one location) were developed from the initial control file by removing out-of-scope companies (those whose activities were not to be surveyed in the economic censuses) and those identified as multiunits in the precanvass. A special survey of out-of-scope companies with more than 50 employees in selected industries was conducted to doublecheck their eligibility, and some names were added to the mailing list as a result.

The final step was to set aside the records of the small companies for which census-type statistics were to be developed from administrative records. The remaining records constituted the mailing lists for single-unit companies.

General Schedule.—While the lists assembled in these ways were generally adequate in providing sufficient industry information to determine the proper form for mailing, a number of the records did not have precise industry information associated with them. Form NC-X3, "General Schedule," which is reproduced in appendix D, was mailed to all such companies. Since it was assumed that these companies were quite small, only a few key figures were requested. On the basis of the information reported, these reports were coded and included in the basic tabulations. If form NC-X3 indicated that the company was actually large, it was later requested to file one or more of the appropriate standard questionnaires.

[16] If two or more distinct lines of activity were carried on at one location, separate reports were obtained under some circumstances. (For a complete discussion, see "Establishment Basis of Reporting" in section 4, above.)

[17] This form is reproduced in appendix D.

9. GEOGRAPHIC AREA CODING

Accurate and complete information on the physical location of each establishment is required in order to tabulate the census data by SMSA's, counties, and cities. As in previous censuses, the post office address and ZIP code of the establishment were not always accepted as defining the physical location, but respondents were required to describe the actual location in terms of street address, city, town or village, county, and State. For establishments located in rural territory, the name or number of the nearest highway was requested and the distance from the nearest town or other urban place.

In censuses prior to 1963, clerks assigned geographic code numbers to each establishment based on the description furnished by the respondent. This process was slow and required careful verification. Beginning with 1963, a computerized system was developed which assigned an area code number and a prefix symbol to the mailing address before the questionnaires were mailed. The prefix symbol indicated whether or not the mailing address was clearly acceptable as describing the physical location. If there was any question about its acceptability, the respondent's description was later carefully reviewed after the questionnaire was received. The assignment of tentative code numbers by the computer was based on extensive reference files containing nearly a million business names and addresses.

The geographic coding system used in the 1967 economic censuses was based on the 1963 system with some improvements and revisions. The major changes included expanding the address reference file, and use of the ZIP code as part of the procedure for matching addresses against the reference file.

10. DATA COLLECTION

General.—Although the greater use of administrative records in 1967 substantially reduced the number of companies canvassed directly, there remained nearly 2 million which were required to file, including about 175,000 manufacturers. The assembly of several hundred different questionnaires into mailing packages, correctly labeled and coded, combined with the correct instruction booklets, was an extensive operation.

Instructions.—Several general instruction booklets were prepared to assist respondents in completing questionnaires for the 1967 economic censuses. In addition, separate detailed instruction manuals were printed for establishments in a few kinds of business and in certain mineral industries with peculiar reporting problems, as well as for manufacturing establishments reporting on the detailed standard forms.

Timing.—The bulk of the 1967 questionnaires were mailed in mid-February 1968 with a due date of April 30, about 2 months later than the corresponding due date for the 1963 censuses. Adoption of the April 30 due date, which had been urged by accountants, was based on the assumption that reports would be filed more promptly if their preparation followed that of Federal income tax returns, which were due April 15, and that the "lost" 2 months would be gained back. This turned out not to be the case. The collection phase was not completed until early November 1968, about 2 months behind the 1963 record.

Followup.—Companies which did not return their questionnaires by the due date had to be reminded that their returns were overdue. A reminder card was used for the first followup, and form letters used in the five subsequent mailings. Two basic letter formats were used, one for multiunit companies that had returned questionnaires for some but not all establishments, and the other for companies that had not responded at all.

The last followup letter was mailed in October 1968. Estimates based on data from administrative records were included in the census tabulations for the relatively small number which had not responded by the closeout date in November 1968. Thus, all companies and establishments included in the original mailing list (except those determined to be inactive during 1967) were represented in the final statistical results, either by actual returns or by proxy returns generated from administrative records. A special effort was made to obtain actual returns from all large firms, so that the volume of business represented by proxy returns was relatively very small.

11. DATA PROCESSING

General.—The editing,[18] coding, and tabulation of data for the 5 million establishments represented in the 1967 economic censuses was a complicated task requiring extensive advance planning and careful coordination among the Census Bureau's organization subdivisions. Automatic data processing and other advanced techniques were used in all phases to a considerable extent.

Facilities.—In the mail collection phase, the questionnaires were returned by respondents to the Census office at Jeffersonville, Ind., where most noncomputer (that is, clerical) processing operations were performed. The Jeffersonville functions consisted mainly of preliminary screening of questionnaires, carrying on routine correspondence with respondents, punching cards, and transmitting the punched data to Washington on a high speed transmission system. The Washington staff handled computer operations, and all operations in connection with the use of IRS and SSA records.

Preliminary Screening.—After checking in against control lists and assigning geographic codes, the questionnaires were reviewed clerically to see that they conformed to certain minimum requirements before further processing. In the case of multiunit companies, the sum of employment and payrolls reported on its establishment questionnaires was compared with the control totals reported on form NC-K1, "Company Summary Report." Questionnaires received from ostensibly single-unit firms were reviewed to ascertain whether they had become multiunits through merger or acquisition. All questionnaires were reviewed to see that the entries were legible and punchable, and that entries appeared for a number of key items. For manufacturing establishment returns, the key items were payrolls and value of shipments. Questions arising in the screening operation were resolved by writing or telephoning the respondents. Complex problems involving multiunit companies were either handled by a special task force of experienced analysts in Jeffersonville or were referred to the Washington office.

Computer Editing.—All of the establishment records from the 1967 censuses of manufactures and mineral industries underwent computerized processes of screening and detailed testing of data. While most of these programs were newly devised in 1967, they were largely based on similar programs in use during the 1963 censuses. As in 1963, average values and tolerance limits for key operating ratios (for example, cost of materials per dollar of shipments, payroll per employee, production-worker wages per man-hour, etc.) played a fundamental role in the editing process. However, more extensive testing and more sophisticated routines for adjusting data which failed the tests were incorporated into the 1967 programs. The need for computer editing may be judged by the fact that more than half of all 4-digit SIC industries had one or more data cells changed by more than 5 percent as a result of application of these programs.

In sequence, the computer programs used included a Housekeeping and Screening Edit, a Coverage Control and Matching Edit, a Magnitude Edit, a General Statistics Edit, an Intercard Intercolumn Edit, a Product and Materials Edit, a Duplicate Removal Program, and various programs of referral and of aggregate testing. These programs are described in outline form below. Also included within this sequence were programs of geographic coding and of industry coding, which are described elsewhere in this introduction.

The Housekeeping and Screening Edit was designed to inspect each record for the presence of basic information such as identification numbers, geographic codes, and source codes (that is, ASM, census of manufactures, or census of minerals). This program also included some simple data adjustments, such as the replacement of a missing total by a corresponding sum of detail.

The Coverage Control and Matching Edits were a system of programs which checked the consistency of clerically assigned coverage codes with reported information on the ownership status of the establishment. For ASM establishments, the program included matching with the 1966 ASM record file to identify corresponding prior-year records. In the 1967 Census of Manufactures, nearly 339,000 establishments were initially defined as being within the scope of manufacturing. Of this number, approximately 26,000 were identified as having no activity during 1967. Of the remainder, more than 11,000 were rejected from the combined output of the Housekeeping and Screening Edit and from the Coverage Control and Matching Edit. This latter number was clerically reviewed, corrected where necessary, and recycled back into the computer.

The Magnitude Edit was designed to test the size of two key items, payrolls and value of shipments. For ASM establishments, these items were compared with the corresponding entries for 1966, and were accepted if satisfactory. If not accepted, the ASM records were channeled through the standard edit, which compared payrolls to a historical employment-size code. Payroll figures passing the test were then used, in conjunction with cost of materials, in testing the value of shipments.

When failures in the magnitude tests were encountered, a fixed sequence of attempts to adjust the data were performed, which included dividing a reported figure by 1,000 (a common error was the reporting of values in dollars rather than in thousands of dollars as requested), or replacing a total by a sum of detail where these differed. If the corrective procedures of the Magnitude Edit were unsuccessful, the schedule was rejected for clerical inspection, correction where necessary, and recycling. This occurred for about 18,000 establishments.

The General Statistics Edit tested key operating ratios and adjusted the record or flagged it for later attention if it failed the test. Fifty-two such ratios were assigned for use in testing census of manufactures records, and 41 1966-67 ratios of change were used in testing the ASM reports. The tolerance limits and average values for these 93 ratios were based on the limits used for the corresponding tests in the 1963 census, with some correction and updating based on more recent ASM information.

[18] In data processing, the term "editing" means the review of information collected on questionnaires or from other sources, with the objective of locating and correcting erroneous entries.

In the presence of ratio failures, the computer program was designed to determine the component of the ratio which was most likely to have caused the failure. This was done by a process of inspecting other ratios containing each of the suspect components, and by computing an overall weighted-reliability index for each. The component with the lowest reliability index was judged to be incorrect. The computer then attempted to adjust the questionable figure by a process of "rounding" (multiplying or dividing by successive powers of 10), substitution of a total by a sum of detail, or by imputation based on one of the several ratios in which the suspect component was contained. After each such attempted adjustment, the new figure was accepted if it resulted in an improved reliability index.

In addition to testing and correction of reported information, the General Statistics Edit was the vehicle for the imputation of data for the 120,000 companies designated as administrative-record cases, as well as data for companies which failed to report in the mail canvass. Imputation for all reasons, failure to report as well as administrative records, accounted overall for about 3 percent of the total value of shipments. Records were not rejected and removed from the computer tapes in the General Statistics Edit, but were flagged and printed out for review by an analyst whenever the computer made a large adjustment, found a large year-to-year change, or could not make an acceptable adjustment after test failure. Excluding administrative records, about 40,000 such cases were printed out for review and possible correction.

The Intercard Intercolumn Edit was designed to test specific relationships among products, materials, and special inquiries. The record was flagged for inspection if the test failed; some 64,000 records were printed out for review from this edit.

The Product and Materials Edits were performed after the data on products and materials had been extracted from the basic establishment records, and assembled in product (or material) sequence. The edits were designed to inspect the reported quantities of production and of consumption after the corresponding values were tested and found acceptable. Unit values, in terms of dollar value per unit of quantity, were computed and ranked from highest to lowest. The most extreme values were removed, and the truncated data were used in the formulation of parameters (average deviation, central value, and upper and lower tolerance limits) which were printed out for review by analysts. This routine differs from those in other edits in that the parameters for editing were developed from the data at hand rather than from historic data or predetermined reasonableness limits.

The Duplicate Removal program was designed to identify and eliminate duplicate establishment records from the census. The sources of duplication were many; imputed records which were followed by the late receipts of a report from the respondent was typical. The program resulted in the elimination of nearly 6,000 duplicate establishment records from the census file.

As in the 1963 census, this preliminary round of computer editing and professional correction was followed by a more detailed review of establishment records. Among the devices used at this stage were an "outlier" program which printed out establishment reports of dubious quality in terms of their internal consistency. The outlier program used some of the same ratios as the General Statistics Edit, but with parameters updated to reflect the characteristics of 1967, rather than earlier, data. Records with one or more suspicious ratios were printed out for review. In addition, aggregates of records at the industry and the geographic cell level were inspected with ratio tolerance limits adjusted to reflect the number of establishments contributing to the cell.

12. COVERAGE AND ACCURACY

Since the list of companies obtained from IRS and SSA records was considered to be complete, no field coverage check was conducted. The precanvass and other special procedures for multiunit companies described in section 8, "The Mailing Lists," and section 10, "Data Collection," were designed to secure complete lists of establishments, thereby amplifying the IRS-SSA company list. Control totals in terms of employment and payrolls of multiunit companies were also used to verify the completeness of establishment coverage. This procedure is discussed in section 11, "Data Processing."

Comparison of statistics tabulated from the census of manufactures with the Census Bureau's Current Industrial Reports series, or with data originating with other agencies was possible in many instances, thus providing a further confirmation of completeness and accuracy. These figures range from employment and wage totals compiled by the Bureau of Labor Statistics to detailed commodity output figures published by the Internal Revenue Service, the Fish and Wildlife Service, and the Department of Agriculture. In the industry reports in Volume II, differences between the census of manufactures and other statistics are explained wherever possible. Census of manufactures comparability with broad measures such as national income, new capital expenditures, and production indexes are discussed elsewhere in this introduction. The Census Bureau's other procedures designed to improve the accuracy of the census data are discussed above in the sections on data collection and processing. Comments on the valuation of intracompany shipments by multiunit companies are included in section 15.

III. COMMENTS ON STATISTICAL MEASURES AND TABLES

(Explanations and definitions of the various measures of activity for which statistics are compiled in the census of manufactures are presented in appendix A. In the following sections, the limitations and other characteristics of some of these measures are discussed, the content of the statistical tables is described, and comparisons with other statistical series are presented.)

13. EMPLOYMENT AND PAYROLLS IN ADMINISTRATIVE OFFICES AND AUXILIARY ESTABLISHMENTS

In the industry chapters of Volume II, the data on employment and payrolls refer to operating manufacturing establishments and are so described. In the summary tables, the employment and payrolls of central administrative offices and auxiliary establishments are also included. However, whereas the operating establishments were coded to a 4-digit manufacturing industry, the administrative offices and auxiliaries were coded only to the 2-digit industry group of the establishments they served. In most of the tables with industry detail, the administrative offices and auxiliaries are shown as a separate industry group, but statistics for them by 2-digit industry appear in each volume in the General Summary tables. The relative importance of administrative offices and auxiliaries has increased substantially in recent years, because of a tendency to centralize functions formerly

performed in manufacturing plants. Such functions include accounting (particularly where computerized), warehousing, repair services, and miscellaneous others. As indicated in table H, this tendency was quite marked between 1954 and 1963, but there was less relative increase between 1963 and 1967.

TABLE H. Employment in Central Administrative Offices and Auxiliaries and in Operating Manufacturing Plants: 1967 and Earlier Census Years

Census year	Employees in operating manufacturing establishments		Employees in central administrative offices and auxiliaries		
	Thousands of employees	Percent change from previous Census year	Thousands of employees	Percent change from previous Census year	Percent of total employment[1]
1967.....	18,492	+14.0	830	+14.3	4.3
1963.....	16,235	+5.3	726	+20.6	4.3
1958.....	15,423	-1.4	602	[2]+32.9	3.8
1954.....	15,645	(NA)	453	(NA)	2.8

Source: Census of Manufactures.

Standard notes: (NA) Not available.

[1]The total includes manufacturing establishments, central administrative offices, and auxiliaries.

[2]The apparent increase from 1954 to 1958 is believed to be somewhat overstated, because coverage of administrative offices and auxiliaries was more complete in the 1958 census.

14. MATERIALS

In addition to the total cost of materials which every establishment was requested to report, quantity and cost information was collected for approximately a thousand specific materials.[19] About 360 of these were "complete coverage" materials; i.e., every industry that consumed appreciable quantities of the material was canvassed so that the data would represent at least 90 percent of manufacturing consumption. For the remaining materials, information on consumption was obtained on a more limited basis, generally only in those industries in which the materials were important inputs. Detailed consumption information was collected in the standard materials inquiry, in the product inquiries (for items which were produced and consumed in the same plant), or in a few instances in special inquiries. The resulting statistics are presented mainly in tables 6A and 7A of the industry chapters, Volume II.

Because American industry uses an enormous variety of materials, the choice of materials for which "complete coverage" consumption data (90 percent or higher) were obtained had to be strictly limited. The selection of a particular material for such coverage was based on the following criteria:

(1) The importance of the material as measured by the total value of U.S. consumption of the material;

(2) The percentage of total consumption accounted for by manufacturing establishments;

(3) The availability of consumption information from manufacturers' records; and

(4) In certain instances, other factors such as the strategic importance of the material or the availability of historical data on the use of the material.

The materials included on a limited-coverage basis were chosen not only because they constituted important inputs for particular industries but frequently because they provided information necessary to classify plants by SIC industry. In using the detailed data on materials consumed which appear in table 7A in the industry chapters of Volume II, the following limitations should be noted:

(1) Materials were reported for the establishment as a whole and no attempt was made to ascertain how much of the material was used in each of various products. Thus, the industry totals appearing in table 7A represent consumption in secondary products as well as primary products of the industry represented. The extent of secondary production is measured by the specialization and coverage ratios shown in table 5A of the industry chapters.

(2) Attention should be paid to the codes ending in "000" and captioned "materials, parts, containers, and supplies, not specified by kind." The amounts appearing on these lines represent imputed totals for establishments whose statistics were developed by use of administrative records, and totals for other establishments which failed to report their consumption in specific terms. Thus, for most industries, the specific categories are understated. A judgment on the statistical significance of the understatement for each industry may be made on the basis of the relationship of the value shown for the "not specified by kind" (code 000) line compared with the total of materials, components, parts, containers, and supplies for the industry.

(3) Establishments consuming less than a specified amount of material were not requested to report consumption of the material separately. For the majority of individual materials, the minimum amount was $5,000. The use of this cutoff is not believed to have had a significant effect on the totals.

15. VALUE OF SHIPMENTS BY MULTIUNIT COMPANIES

General.—Except for a few industries as indicated in appendix A, the respondents were instructed to report net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. Multiunit companies were instructed to report for each establishment as if it were a separate economic unit and, in particular, to report interplant transfers at their full economic value, including not only the cost of production but also a reasonable proportion of company overhead and profits. Since there is no advertising or other selling cost involved, it would be expected that the value per unit of such transfers would be less than that for commercial sales. The plant receiving the transferred goods was instructed to include them in its cost of materials, valued as at the shipping point plus the cost of freight and other handling charges.

In the case of goods transferred to sales branches, or sold through separate sales offices, the implication of the "f.o.b. plant" instruction is that the value is at a somewhat lower level than the final invoice value, because the cost of selling (mainly the cost of operating the sales branch or office) is excluded.

[19]See 1967 Censuses of Manufactures and Mineral Industries, *List of Materials Consumption Items,* MC67-6, for a more detailed account of the collection of data on materials consumed.

In practice, there is reason to believe that these instructions were not followed by all companies. In a recordkeeping practices study of 54 multiunit companies conducted a few years ago, it was found that about half of them had reported interplant transfers of semifinished products at commercial or market prices, which tend to be somewhat higher than the "cost plus overhead and profit" requested in the census instructions. In the case of finished products transferred to separate selling organizations, half of the companies interviewed valued the products at their final or invoice price, which again would be somewhat higher than the "f.o.b. plant" transfer value requested. It appears from this study and other observations that the value of shipments of products reported by multiunit companies tends to be overstated. For products characterized by a substantial amount of interplant shipments, separate quantity and value figures were requested on the census forms. Data on these shipments, the unit value of which is less accurate than the unit value for shipments outside the company, are presented separately in table 6A in the industry chapters of Volume II.

Individual Products.—In the 1967 census program, information was collected on the output of approximately 10,500 individual product items.[20] The term "product" as used in the census of manufactures represents the finest level of detail for which output information was requested. Consequently, it is not necessarily synonymous with the term product as used in the marketing sense. In some cases it may be much more detailed and in other cases it is more aggregative. For example, pharmaceutical preparations were reported in terms of 160 products, while canned meats was a single product. Frequently, large aggregative values at the product level indicated that detailed production figures were available from other government sources or reliable private surveys.

Some 5,500 of the product items were listed separately on the 1967 census report forms. Data for the remaining 5,000 products were obtained in the monthly, quarterly, or annual commodity surveys comprising the Current Industrial Reports series of the Census Bureau. Totals for the year 1967 for these items as derived from the commodity surveys are shown in the "product shipped" table (table 6) in the industry chapters of Volume II together with the tieline total value collected in the census for reconciliation.

Typically, both quantity and value of shipments information was collected. However, if there was no meaningful physical quantity measure that could be reported by manufacturers, only value of shipments was collected. For products which are used to a large degree within the same establishment as materials or components in the fabrication of other products, total quantities produced and often the quantities consumed within the plant were collected. Typically, the information on production was also collected for products for which there are significant differences between total production and shipments in a given year because of wide fluctuations in finished goods inventories. Alternate measures of output of products, such as value of work done for products with long production cycles, were used as appropriate and feasible.

Classes of Products.—For the purpose of summarizing the product information, the separate products were aggregated into classes of products which were, in turn, grouped into all primary products of each industry. The code structure used is a 7-digit number for the individual product, a 5-digit code for the class of product, and a 4-digit code for the total primary products in an industry (see section 4 for application of coding structure to the assignment of SIC codes for establishments).

[20]See 1967 Census of Manufactures, MC67-1, *Numerical List of Manufactured Products*, and MC67-2, *Alphabetic List of Manufactured Products*.

The 10,500 product items in the 1967 census (including products from the Current Industrial Reports program) were grouped into approximately 1,200 separate classes. Products were grouped into product classes to bring out significant differences in the broad types of products within a 4-digit industry. General similarity of the kind or purpose of the products or of the manufacturing processes, type of markets, or of materials used, were the basis for product combinations. The economic significance of the class was also taken into account; residual products of an industry were grouped when the products were not sufficiently significant in dollar value to warrant separate classes.

As a result of the increased number of respondents included in the product-class shipments totals, these categories lend themselves to many more cross tabulations than do the 7-digit products, without disclosing information about the operations of individual companies. In the industry chapters of Volume II, table 6B provides information on the value of shipments of product classes by State; and table 5B, by industry of the establishment producing them. The latter table is the best vehicle for showing the primary and secondary product mix of an industry, as well as the interrelationship between the 4-digit industry value of shipments and the 4-digit product group value of shipments. In table 8, the product class is used to provide finer industry-type general statistics by classifying establishments within an industry according to the degree to which they specialize in producing a specific class of products.

The class-of-product concept was incorporated by the Census Bureau into its own program with the 1947 Census of Manufactures after it developed the technique in the compilation of World War II production statistics. Product classes formed the basis of collecting product information in the annual survey of manufactures when that survey was initiated in 1949. The classes have been revised over the succeeding years to improve the balance and significance of product combinations within each industry and to keep abreast of the growth and decline of products.

Effect of Use of Administrative Records on Product Data.—As noted elsewhere in this introduction, 1967 census statistics for about 120,000 small manufacturers were developed by use of IRS and SSA records. Since the SSA records were coded only to the 4-digit SIC level, it was not considered feasible to estimate the product output of these small companies in terms of specific 5-digit product classes or 7-digit products. The total value of output was therefore coded to the 4-digit level and published separately in table 6A of the industry chapters of Volume II. In table I, page 18, these data have been summarized together with other undistributed 4-digit totals reported by the larger companies. It will be seen from table I that the contribution of the small companies to product totals was of little importance except in lumber, furniture, and printing and publishing (groups 24, 25, and 27). The large companies which for various reasons reported only in terms of group totals were of somewhat more importance, accounting overall for about 3 percent of the total value of product shipments.

Nominally, the shipments of "small companies" as shown in table I represent the output of all establishments with less than 10 employees. Actually, less than half of the value of shipments of establishments with less than 10 employees was obtained from administrative records. This was due to several factors, the most important of which were—

(1) Many of the establishments with less than 10 employees were owned by multiunit companies and were covered in the mail canvass.

TABLE I. Value of Products Not Specified by Kind: 1967

(Millions of dollars)

Product group code	Total value of product shipments	Products not specified by kind			
		Total	Large companies	Small companies[1]	Percent attributable to small companies
Total	539,470.1	23,387.2	17,884.6	5,430.6	1.0
20	78,650.9	4,088.2	3,326.7	761.5	1.0
21	4,589.7	46.4	44.2	2.2	.1
22	20,141.0	691.2	550.1	69.1	.3
23	19,748.9	1,992.5	1,686.0	306.5	1.6
24	10,585.7	1,614.7	774.7	840.0	7.9
25	8,110.2	702.6	485.7	216.9	2.7
26	20,049.3	575.3	512.4	62.9	.3
27	20,878.9	1,805.2	923.1	882.1	4.2
28	40,013.1	1,030.3	851.9	178.4	.5
29	20,992.8	159.2	130.0	29.2	.1
30	12,236.8	512.5	414.6	97.9	.8
31	4,849.8	238.8	180.8	58.0	1.2
32	13,596.9	585.6	404.3	181.3	1.3
33	55,926.8	670.6	607.9	62.7	.1
34	32,928.9	2,720.7	2,342.1	378.6	1.2
35	46,076.8	2,874.8	2,223.4	651.4	1.4
36	39,429.2	937.8	793.5	144.3	.4
37	64,976.3	854.7	718.3	136.4	.2
38	8,759.5	340.2	263.3	76.9	.9
39 plus 19	16,928.6	945.9	651.6	294.3	1.7

Note: Based on preliminary data. These values represent product shipments, irrespective of the industry in which the products were made, and therefore differ from the industry group totals shown in the General Summary tables.

[1]Estimates derived from administrative records. See text for further discussion.

(2) Questionnaires were mailed to about 6,000 of the companies identified as having less than 10 employees. Part of these were the small companies included in the ASM sample; the rest were included in the mail canvass to improve the estimates of general statistics, products, and materials.

(3) Some companies identified originally as having 10 employees or more turned out to have less than 10 in 1967.

(4) Some companies identified originally as having less than 10 employees were found to have been out of business in 1967.

Another factor tended to reduce the value of products not specified by kind attributed to small companies, thus affecting tabel I particularly. This was the fact that some 4-digit industries were represented by only one product category (an example is industry 3273, Ready-Mixed Concrete). Administrative-record estimates for products such as this were treated as specific information and not tabulated under the "not specified by kind" heading.

These factors taken together explain why the value of products "not specified by kind" attributed to small companies in table I is only 1 percent of the total, while the 157,000 establishments with less than 10 employees account for 2.3 percent of the total.

The data for many of the specific 7-digit products shown in table 6A are understated.

16. DUPLICATION IN COST OF MATERIALS AND VALUE OF PRODUCTS

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. With some important exceptions, such as SIC 3312, Blast Furnaces and Steel Mills, this duplication is not significant within individual 4-digit industries. However, it is significant at the 2-digit and 3-digit industry level because these group totals often include industries which represent successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the total value of shipments of SIC Major Group 20 and the addition of pulpmills to papermills in Group 26. Economists have estimated that the value of manufactured products exclusive of such duplication—the value of finished manufactures—tends to approximate two-thirds of the total value of shipments reported in the census of manufactures.

Because the amounts of duplication contained in the cost of materials and value of products figures cannot be measured with any degree of precision, caution is urged with their use when they are provided at the 2- and 3-digit industry group level.

Even where no significant amount of duplication is involved, value of shipments figures are of limited use as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs to value of shipments, both among industries and within the same industry. To a large extent, value added by manufacture does not have these limitations and is therefore a better measure for comparison.

17. VALUE ADDED BY MANUFACTURE

General.—Value added by manufacture is derived by subtracting the total cost of materials (including materials, supplies, fuel, electric energy, cost of resales, and miscellaneous receipts) from the value of shipments (including resales) and other receipts and adjusting the resulting amount by the net change in finished products and work-in-process inventories between the beginning and end of the year.[21]

Value added avoids the duplication in the value of shipments figure which results from the inclusion of the shipments of establishments producing materials and components along with the shipments of establishments producing finished products. It does not exclude purchased business services, as does the national income concept described below.[22] Nevertheless, it is considered to be the best value measure now available for comparing the relative economic importance of manufacturing among industries and geographic areas.

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[21] For a few industries (for example, aircraft, ship building) where value of work done is substituted for value of shipments, no adjustment is made for change in inventories. In a few other industries where value of production is collected, the inventory adjustment is made only on the basis of change in work-in-process inventories.

[22] Collection of data on the cost of purchased business services at the plant level presents many problems. Advertising by multiunit companies, for example, is frequently charged at the company level and the cost either not allocated, to plants or if allocated, only as part of a broader company overhead category. National income data, on the other hand, are compiled in part from company rather than plant data, such as the IRS *Statistics of Income* in which advertising is presented as a separate cost item based on company reports.

TABLE J. Comparison of National Income Originating and Value Added by Major Industry Group: 1967

(Billions of dollars)

SIC code	Industry group description	National income originating[1] (1)	Value added by manufacturing (2)	Col. (1) divided by col. (2)
	Manufacturing	195.2	262.0	0.75
	Nondurable goods	75.5	109.5	.69
20	Food and kindred products	16.3	26.6	.61
21	Tobacco manufactures	1.3	2.0	.65
22	Textile mill products	6.2	8.2	.76
23	Apparel and other fabricated textile products	7.5	10.1	.74
26	Paper and allied products	6.7	9.8	.68
27	Printing, publishing, and allied industries	9.9	14.4	.69
28	Chemicals and allied products	14.1	23.6	.60
29	Petroleum refining and related industries	6.5	5.4	1.20
30	Rubber and miscellaneous plastics products	4.7	6.8	.69
31	Leather and leather products	2.2	2.6	.85
	Durable goods	119.7	152.7	.78
24	Lumber and wood products, except furniture	4.2	5.0	.84
25	Furniture and fixtures	3.2	4.2	.76
32	Stone, clay, and glass products	5.8	8.4	.69
33	Primary metal industries	15.3	20.0	.77
34	Fabricated metal products	13.4	18.0	.74
35	Machinery, except electrical	21.8	27.8	.78
36	Electrical machinery	18.6	24.5	.76
19, 37	Transportation equipment and ordnance, except motor vehicles	15.3	33.8	.86
	Motor vehicles and motor vehicle equipment	13.6		
38	Instruments	5.2	6.4	.81
39	Miscellaneous manufacturing industries	3.3	4.6	.72

[1] Source: Survey of Current Business, July 1970.

National income originating in the manufacturing sector, as developed in the national accounts maintained by the Office of Business Economics (OBE) is somewhat similar to value added in concept, but there are important differences. National income is the aggregate earnings of labor and capital which arise in the current production of goods and services in the manufacturing sector. Thus it measures the total factor costs incurred, and is a more "net" conception of value added than that which it has been found feasible to compile in the economic censuses, on an establishment basis. National income excludes, in addition to cost of materials, such other costs as depreciation charges, State and local taxes (other than corporate income taxes), allowance for bad debts, and purchases of services from nonmanufacturing enterprises, such as contract costs involved in maintenance and repair, services of development and research firms, services of engineering and management consultants, advertising, telephone and telegraph expense, insurance, royalties, patent fees, etc.

In part, the national income estimates are prepared from company rather than establishment data. This method results in the inclusion of some part of the net value added by nonmanufacturing establishments of companies classified as being primarily manufacturing, and conversely, in the exclusion of some part of the net value added by manufacturing establishments of companies classifed as primarily nonmanufacturing. It is believed that for manufacturing as a whole the net effect increases national income. In the Petroleum and Coal Products major industry group, nonmanufacturing activities of manufacturing companies are so significant that this is the one group in which national income exceeds value added, as shown in table J.

Historical Comparison.—Whatever changes have taken place in the relative importance of the costs included in value added but excluded from national income have been gradual. As shown in table K, the ratio between the two figures has been fairly constant over the past decade, and the 1967 ratio is rather close to that for 1939.

TABLE K. National Income Originating in Manufacturing and Value Added by Manufacture: 1939 to 1967

(Billions of dollars)

Year	National income originating in manufacturing (1)	Value added by manufacture (2)	Col. (1) divided by col. (2)
1967.....	195.2	262.0	0.75
1966.....	191.5	250.9	.76
1965.....	172.6	226.9	.76
1964.....	155.6	206.2	.75
1963.....	143.8	192.1	.75
1962.....	137.0	179.3	.76
1961.....	125.1	164.2	.76
1960.....	125.8	164.0	.77
1959.....	124.0	161.3	.77
1958.....	107.7	141.5	.76
1957.....	116.3	147.8	.79
1956.....	113.1	144.9	.78
1954.....	94.6	117.0	.81
1947.....	59.5	[1]74.3	.80
1939.....	18.1	[1]24.5	.74

Sources: National income, Survey of Current Business; value added, Census of Manufactures and Annual Survey of Manufactures.

[1]Unadjusted.

Reconciliation with National Income Components.—Figures are not available to permit a reconciliation of the estimates for value added in manufacturing and the national income originating in manufacturing for the current period. However, in 1957, the Census Bureau conducted a special survey, MC-D11, "Selected Costs and Assets of Manufacturing Establishments," which collected information on some of the costs included in value added for services purchased from other sectors or excluded from the national income estimates. These specific costs which accounted for about $15 billion of the $148 billion of value added in 1957 were maintenance and repairs, $4.5 billion; insurance, $.7 billion; property taxes, $1.5 billion; rental payments, $1.4 billion; and depreciation, $7.3 billion. The residual value added, $132 billion, was approximately $16 billion in excess of national income of $116 billion.

Table L presents an approximate reconciliation of national income and value added figures for manufacturing in 1957. The national income estimates for payrolls and other factor income in that year are based on the unrevised national income figures which are somewhat lower than the revised estimate appearing in table K. It should be noted that the labor costs included in national income and value added are reasonably close despite the fact that they are computed on a slightly different basis. If the proprietary and profit incomes of the company-based national income estimates are allocated to the establishments included in the census of manufactures, value added exceeds national income by $35 billion of which $15 billion is attributable to costs reported on survey MC-D11. Somewhat more than half of the $35 billion excess represents the inclusion in value added by manufacture of purchased business services arising in other economic sectors; the remainder reflects conceptual differences arising from the inclusion, in value added, of indirect business taxes and depreciation which are excluded by definition from national income.

18. CAPITAL EXPENDITURES

Under this heading, manufacturers were instructed to report expenditures of the type chargeable to fixed assets accounts, for which depreciation reserves are normally maintained. Actual capital outlays during the year were requested, not the final value of equipment put in place or structures completed during the year.

The Census Bureau estimates of capital expenditures tend to be lower than those published in the joint Office of Business Economics-Securities and Exchange Commission survey. In addition to normal sampling variation, a major source of difference is to be found in the scope of the two series. Census data relate only to manufacturing establishments, whereas the OBE-SEC series covers all establishments of manufacturing companies—nonmanufacturing as well as manufacturing. This factor is particularly important in the petroleum industry where company expenditures for developing new wells and new distribution facilities are ordinarily much larger than their capital expenditures at refineries. On the other hand, manufacturing establishments of companies engaged primarily in nonmanufacturing activities are excluded from the OBE-SEC series but included in census figures. The OBE-SEC and census data for recent years are shown in tables M and N.

19. PLANT SPECIALIZATION

As discussed in section 4 above, the primary products of a plant are those which determine its industry classification; all other products are referred to as secondary products. The value of a plant's primary products in comparison to its total production is referred to as its degree of specialization. For each plant, two

TABLE L. 1957 Comparative Statistics on Value Added and National Income in Manufacturing

(Billions of dollars)

Item	Value added	National income[1]
Total	147.8	112.5
Payrolls	89.4	87.9
Payrolls of operating manufacturing establishments	76.4	[2]80.6
Supplements to wages in operating manufacturing establishments	6.0	
Payrolls of central administrative offices and auxiliaries, sales branches and offices of manufacturing companies	[4]7.0	[3]7.2
Other factor incomes (Corporate profits, proprietary income)	24.6	24.6
Costs of manufacturing establishments reported on MC-D11	15.4	(X)
Not part of national income:		
Depreciation	7.3	(X)
Property taxes	1.5	(X)
Probably included in other sectors:		
Maintenance and repairs	4.5	(X)
Rental payments	1.4	(X)
Insurance	.7	(X)
Other costs (company overhead other than payrolls included above; e.g., depreciation, business taxes, and services purchased at the company level, and services purchased directly by plants: advertising, legal, accounting, and other professional services; communications, patent fees, royalties, travel costs, etc	18.4	(X)

Standard notes: (X) Not applicable.
[1]Prior to 1958 revisions of national income. The revised total was $116.3 billion. [2]Payrolls.
[3]Supplements to wages. [4]Estimate based on figures reported in the 1958 economic censuses.

TABLE M. Expenditures for New Plant and Equipment–OBE–SEC Series and Census: 1967 and Earlier Years

(Billions of dollars)

Year	OBE–SEC series 1[1] (1)	Census (census of manufactures and ASM) (2)	Col. (2) divided by col. (1)
1967	26.7	[2]21.4	[2]0.80
1966	27.0	20.2	.75
1965	22.5	16.6	.74
1964	18.6	13.3	.72
1963	15.7	11.4	.73
1962	14.7	10.0	.68
1961	13.7	9.8	.72
1960	14.5	10.0	.69
1959	12.1	9.3	.77
1958	11.4	9.6	.84
1954	11.0	8.2	.74
1947	8.7	[3]6.0	.69

[1]Source: 1969 Business Statistics, Office of Business Economics, issued September 1969.
[2]Preliminary.
[3]Excludes data for establishments under construction but not yet in operation.

measures of specialization were computed: (1) A 4-digit primary product-specialization ratio, which is the sum of the values of all the plant's primary products divided by the sum of all its primary and secondary products; and (2) a 5-digit primary product-class specialization ratio, which is the sum of the largest 5-digit product-class value divided by the sum of its primary and secondary products (the miscellaneous receipts of the establishment were not included in these calculations). For example, assume that an establishment reported the following:

Total value of shipments and other receipts	$1,000
Miscellaneous receipts (resales, etc.)	15
Total value of products shipped	985
32721 Concrete pipe products	100
32722 Precast concrete products	785
32730 Ready-mixed concrete	100

This plant would be coded into SIC industry 3272, Concrete Products, with a primary product specialization ratio of 90 percent ($885÷985); it would be subclassified into the 5-digit class 32722, Precast Concrete, with a primary product class specialization ratio of 80 percent ($785÷985).

In the 1967 census, selected general statistics (number of establishments, employment, payrolls, value added, cost of materials, value of shipments, and capital expenditures) were tabulated to primary product-class levels by assigning the plant totals to the principal 5-digit codes. These data are presented in table 8 of the industry chapters, Volume II. For most product

TABLE N. Expenditures for New Plant and Equipment–OBE–SEC Series and Census of Manufactures, by Industry Group: 1967

(Billions of dollars)

Industry groups	OBE–SEC series (1)	Census of Manufactures, 1967 (2)	Column (2) divided by column (1)
		(prelim.)	(prelim.)
All manufacturing, total.	26.69	21.44	0.80
Durable goods, total.....	13.70	11.70	.85
Primary metals.....	3.21	3.03	.94
Electric machinery.....	1.24	1.56	1.26
Machinery, except electric...	2.95	1.88	.64
Transportation equipment.....	2.75	1.81	.66
Stone, clay, and glass.....	.73	.87	1.19
Other durables.....	2.83	2.55	.90
Nondurable goods, total....	13.00	9.72	.75
Food and beverages.....	1.41	1.73	1.23
Textiles.....	.89	.74	.83
Paper.....	1.64	1.59	.97
Chemicals.....	2.88	2.88	1.00
Petroleum.....	4.65	1.00	.22
Rubber.....	.49	.68	1.39
Other nondurables.....	1.04	1.10	1.06

Source: 1969 Business Statistics, Office of Business Economics, issued September 1969, and census of manufactures.

classes, table 8 also provides general statistics for establishments specializing in the class to the extent of 75 percent or more.

Table 8 permits analysis of an industry in terms of the differences introduced by variation among establishments in the degree of specialization in the products of the industry or a subgroup (5-digit). For example, where the ratios among various statistics tend to be different for establishments specializing to different degrees in the products of the industry or in different product classes, the ratios for the industry as a whole would be significantly affected by changes in its product mix.

20. OPERATING RATIOS

Since all of the data collected in the census on establishment reports are interrelated, comparisons of the various measures of activity are of considerable interest. Beginning with the 1963 census, several ratios have been routinely computed and presented in the industry chapters of Volume II. For 1967 and earlier years, the following nine ratios were published for each 4-digit industry:

Payroll per employee
Production workers as percent of total employment
Annual man-hours of production workers
Average hourly earnings of production workers
Cost of materials per dollar of shipments
Cost of materials and payrolls per dollar of shipments
Value added per employee
Payrolls as percent of value added
Value added per man-hour of production worker

21. SUBJECT REPORTS SHOWN IN VOLUME I, SUMMARY AND SUBJECT STATISTICS

Volume I includes 3 tables representing summaries of rearrangements of data appearing in the industry and area volumes, and 2 special reports presenting statistics which are not published elsewhere. The contents of Volume I are as follows:

Chapter 1. General Summary.—This chapter, which appears in other volumes as well as Volume I, provides summary tabulations of data presented in greater detail in other census tables.

Chapter 2. Size of Establishments.—This chapter provides a summary of the general statistics by size of establishment which appear in table 4 of the industry chapters, Volume II. Also included are data on central administrative offices and auxiliary establishments, classified by size.

Chapter 3. Type of Organization.—This report presents data for manufacturing establishments classified as to the legal form of ownership (corporate, individual proprietor, or partnership) and as to whether the owner was a multiunit or single-unit company.

Chapter 4. Manufacturers' Inventories.—These tables summarize the inventory data published in table 3 of the industry chapters, Volume II. A description of the statistics is given in appendix A.

Chapter 5. Expenditures for Plant and Equipment.—These tables summarize the expenditures data published in table 3 of the industry chapters, Volume II. A description of the data is given in appendix A and in section 18, "Capital Expenditures."

Chapter 6. Materials Consumed.—This chapter consists of a compilation of detailed statistics on consumption of materials, fuels, and electricity. These figures also appear in Volume II, Industry Statistics, as tables 7A and 7B.

Chapter 7. Water Use in Manufacturing.—This report presents the results of a survey of the 1968 consumption of water in establishments consuming 20 million gallons or more annually. A more detailed description of the report and definitions of the terms employed, is given in the introduction to chapter 7.

Chapter 8. Selected Metalworking Operations.—This report presents the results of an inquiry concerning employment in metalworking plants such as foundry, forge shop, die casting department, heat treating, etc. The number of establishments in which these facilities are operated is presented, as well as the number of production workers engaged.

Chapter 9. Concentration Ratios.—This special report presents concentration ratios and other information on the share of industrial activity accounted for by the largest companies, both for the United States as a whole and for each of the 420 manufacturing industries. A more detailed description of the report, and explanations of the terms employed, is given in the introduction to chapter 9.

Chapter 10. Manufacturing Activity in Government Establishments.—This special report presents data on manufacturing activities in selected types of government establishments in the United States. The statistics are not included in other census of manufactures tables, which cover only privately operated establishments. A more detailed description of the report is given in the introduction to chapter 10.

22. CONFIDENTIALITY

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. In suppressing figures to avoid disclosing information of individual companies, geographic region and division totals are given precedence over individual States; States are given precedence over standard metropolitan statistical areas; standard metropolitan statistical areas over counties; and counties over cities. In tables showing industry detail, major industry group (2-digit) totals take preference over industry group (3-digit) totals which, in turn, take precedence over individual (4-digit) industries. Similarly, in product tables, 4-digit product groupings take precedence over 5-digit product classes and the latter over individual 7-digit products.

Such order of precedence was used because (1) it was considered preferable to show regional data for an industry, even at the cost of withholding data for another (usually the least significant) State in a region, rather than to show all publishable data for the individual States and group the disclosure States throughout the United States in an "all other" category as was done in the 1939 and earlier censuses; and (2) by giving preference to industry-group statistics over individual industries within each State, the extent to which individual States can be compared within the SIC industry classification framework is greatly increased.

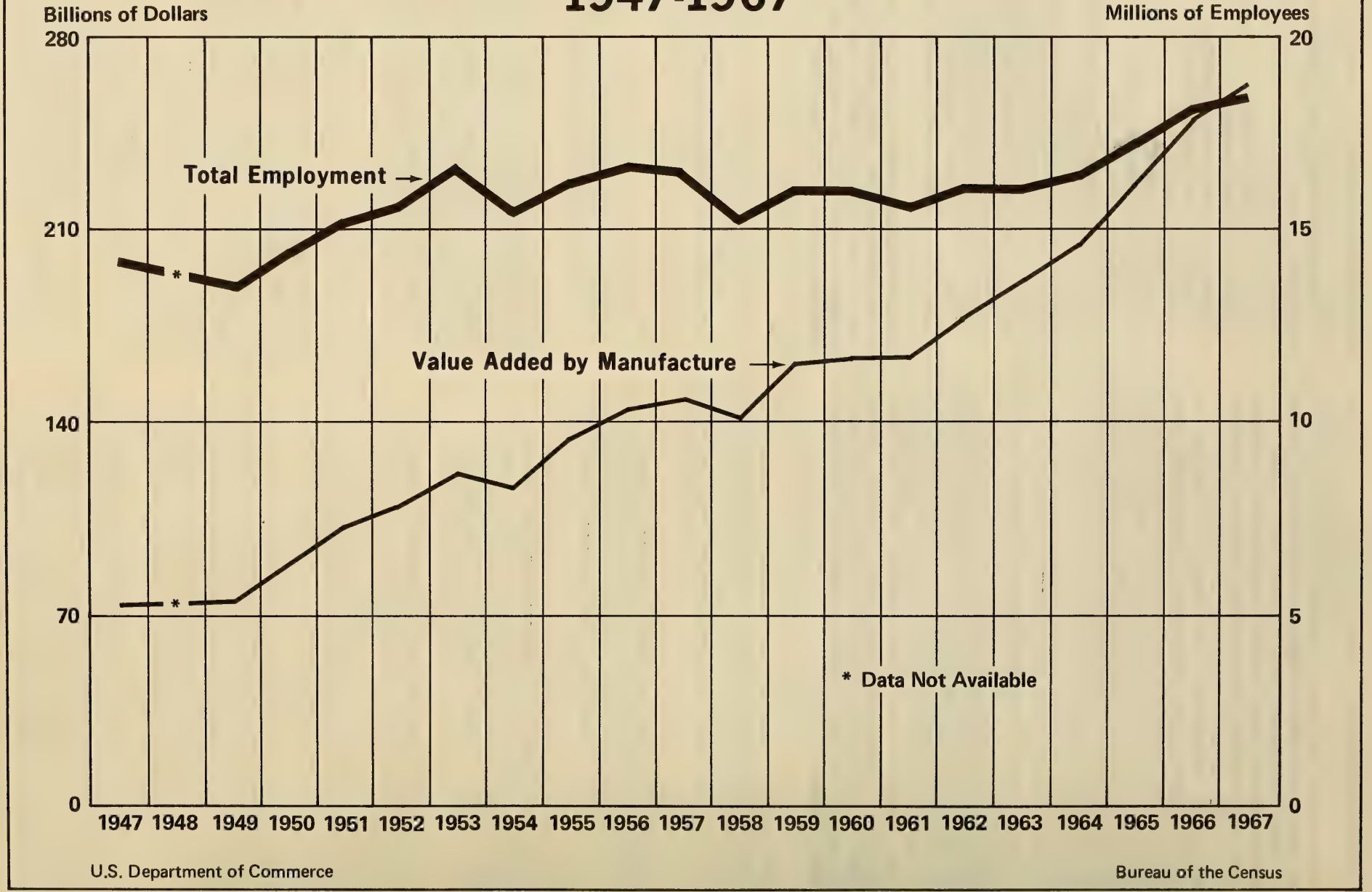
23. ABBREVIATIONS

The following abbreviations and symbols occur frequently in text, tables, and footnotes:

–	Zero
X	Not applicable
NA	Not available
n.e.c.	Not elsewhere classified
n.s.k.	Not specified by kind
lin.	Linear
equiv.	Equivalent
hp	Horsepower
kw.-hrs.	Kilowatt-hours
D	Withheld to avoid disclosing figures for individual companies
SIC	Standard Industrial Classification
IRS	Internal Revenue Service
SSA	Social Security Administration
ASM	Annual Survey of Manufactures
CIR	Current Industrial Reports
OBE	Office of Business Economics
SEC	Securities and Exchange Commission

Other abbreviations, such as lb., gal., yd., doz., and bbl., are used in the customary sense. Where the term "tons" only is used, it refers to short tons of 2,000 pounds; where the figures are expressed in tons of 2,240 pounds, the unit of measure is specified as "long tons" or "gross tons."

Value Added by Manufacture and Total Employment: 1947-1967



U.S. Department of Commerce

Bureau of the Census

Furniture and Fixtures

25A Household furniture

25B Office, public building, and miscellaneous furniture; office and store fixtures.

This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork are classified in industry 2431, and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

TABLE 1. General Statistics: 1967 and Earlier Years

(See Appendix, Explanation of Terms)

Year and item	Establishments		All employees[1]		Production workers			Value added by manufacture, adjusted	Cost of materials[3]	Value of shipments[3]	Capital expenditures, new[4]
	Total (number)	With 20 employees or more (number)	Total (1000)	Payroll (million dollars)	Total (1000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1967	10 077	3 488	430.0	2 305.1	357.5	715.7	1 653.7	4 169.5	3 619.6	7 749.8	198.0
1963[5]	10 535	3 349	381.2	1 767.1	314.8	639.7	1 289.0	3 068.3	2 836.2	5 884.1	110.2
1958	10 422	3 300	357.2	1 436.0	289.7	575.5	1 039.3	2 396.0	(NA)	4 765.9	86.6
1954	(NA)	(NA)	342.4	1 210.7	286.6	571.3	892.8	1 997.5	(NA)	(NA)	61.9
ADMINISTRATIVE AND AUXILIARY UNITS:											
1967	69	39	4.7	46.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1963[6]	57	36	4.7	40.4	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958[6]	63	26	3.0	22.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954[6]	(NA)	(NA)	1.7	13.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1967	10 008	3 449	425.3	2 258.3	357.5	715.7	1 653.7	4 169.5	3 619.6	7 749.8	198.0
1963	10 478	3 313	376.5	1 726.7	314.8	639.7	1 290.0	3 068.3	2 836.2	5 884.1	110.2
1958	10 329	3 265	354.2	1 413.7	292.4	575.0	1 038.5	2 396.0	(NA)	4 765.9	82.6
1954	10 373	3 012	340.7	1 197.4	286.6	571.3	892.9	1 997.5	(NA)	(NA)	61.9
OPERATING MANUFACTURING ESTABLISHMENTS:											
1966[7]	(NA)	(NA)	428.6	2 188.1	360.7	735.0	1 621.2	3 989.9	3 609.1	7 537.0	185.6
1965[7]	(NA)	(NA)	407.1	2 013.4	341.7	698.8	1 486.6	3 612.4	3 290.2	6 879.7	151.1
1964[7]	(NA)	(NA)	388.2	1 844.5	323.8	663.0	1 374.6	3 226.9	3 110.3	6 309.4	108.2
1962[7]	(NA)	(NA)	367.6	1 637.6	307.4	632.3	1 205.4	2 841.1	2 729.1	5 547.6	96.3
1961[7]	(NA)	(NA)	350.5	1 503.2	292.6	590.1	1 097.0	2 558.1	2 501 5	5 054.4	76.6
1960[7]	(NA)	(NA)	364.3	1 530.7	304.0	614.8	1 123.9	2 619.0	(NA)	(NA)	75.9
1959[7]	(NA)	(NA)	368.2	1 522.0	309.2	628.2	1 130.5	2 613.9	(NA)	(NA)	84.0
1957[7]	(NA)	(NA)	374.9	1 432.0	310.6	617.9	1 048.6	2 513.9	(NA)	(NA)	86.9
1956[7]	(NA)	(NA)	376.4	1 417.2	315.3	638.0	1 056.7	2 510.4	(NA)	(NA)	91.5
1955[7]	(NA)	(NA)	365.7	1 328.8	308.9	627.1	996.3	2 306.0	(NA)	(NA)	79.2
1953[7]	(NA)	(NA)	360.8	1 259.3	309.9	629.5	972.7	2 046.8	(NA)	(NA)	59.5
1952[7]	8 778	(NA)	331.7	1 122.8	284.5	588.6	853.4	1 904.4	(NA)	(NA)	55.2
1951[7]	8 369	(NA)	336.1	1 077.0	290.4	590.4	818.2	1 804.1	(NA)	(NA)	55.4
1950[7]	7 934	(NA)	345.9	1 012.9	295.5	616.8	774.1	1 666.9	(NA)	(NA)	58.1
1949[7]	(NA)	(NA)	309.8	862.2	269.5	549.4	653.1	1 411.8	(NA)	(NA)	41.0
1947[7]	7 551	(NA)	316.3	806.9	277.9	583.6	641.7	1 346.2	(NA)	(NA)	77.4
1939	5 178	(NA)	(NA)	(NA)	189.4	(NA)	186.8	417.8	(NA)	(NA)	(NA)
1937[8]	4 469	(NA)	(NA)	(NA)	198.5	(NA)	201.6	424.4	(NA)	(NA)	(NA)
1935	4 319	(NA)	171.1	171.4	151.1	(NA)	133.0	273.8	(NA)	(NA)	(NA)
1933	3 491	(NA)	137.3	110.6	123.2	(NA)	90.5	192.8	(NA)	(NA)	(NA)
1931	4 554	(NA)	(NA)	(NA)	146.9	(NA)	147.0	321.6	(NA)	(NA)	(NA)
1929	5 491	(NA)	248.3	358.7	219.3	(NA)	276.0	614.5	(NA)	(NA)	(NA)
1927	4 666	(NA)	237.0	338.4	210.0	(NA)	265.8	569.1	(NA)	(NA)	(NA)
1925[9]	4 776	(NA)	231.5	321.3	204.4	(NA)	253.6	561.6	(NA)	(NA)	(NA)
1923	4 532	(NA)	216.8	292.7	191.9	(NA)	232.1	510.3	(NA)	(NA)	(NA)
1921	4 326	(NA)	161.9	213.6	142.0	(NA)	164.8	347.0	(NA)	(NA)	(NA)
1919	4 821	(NA)	183.3	214.0	159.5	(NA)	161.7	365.9	(NA)	(NA)	(NA)
1914	4 844	(NA)	168.7	109.7	149.4	(NA)	84.2	174.3	(NA)	(NA)	(NA)
1909[10]	4 337	(NA)	(NA)	(NA)	142.3	(NA)	72.7	150.8	(NA)	(NA)	(NA)
1904	3 497	(NA)	136.8	68.8	126.5	(NA)	57.6	115.8	(NA)	(NA)	(NA)
1899	2 614	(NA)	(NA)	(NA)	98.4	(NA)	40.3	82.3	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1]The figures for 1939 through 1967 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

[2]For the period 1954 to 1967, figures represent adjusted value added by manufacture and earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933 cost of contract work was not subtracted from value of products in calculating value added by manufacture.

[3]The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation see Introduction.

[4]The figures for 1958 to 1967 include expenditures for plants under construction and not yet in operation.

[5]The figures for 1939 to 1967 include data for establishments primarily engaged in manufacture of metal partitions, classified for earlier years in the fabricated metal products industries. Value added by manufacture for 1939, excluding data for these establishments, was $410.7 million.

[6]Similar data are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these establishments are not available for the years 1955 to 1957, 1959 to 1962, 1964 to 1966, or prior to 1949.

[7]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufacturers. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufacturers volumes for this period.

[8]The figures for 1937 and later years include data for establishments primarily engaged in manufacture of venetian blinds, included for earlier years in the series for the lumber and wood products, except furniture industries. Value added by manufacture for 1937, excluding data for these establishments and therefore on a basis comparable with 1935, was $417.7 million.

[9]The figures for 1899 to 1925 do not include data for establishments primarily engaged in manufacture of sewing machine cases, cabinets, and tables, classified for these years in the machinery (except electrical) industries.

[10]The figures for 1899 to 1909 do not include data for establishments primarily engaged in manufacture of window and door screens, included for these years in the series for the lumber and wood products, except furniture industries. Value added by manufacture for 1914 excluding data for these establishments and on a basis comparable with 1909, was $169.4 million.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
25	FURNITURE AND FIXTURES	10 008	3 449	425.3	2 258.3	357.5	715.7	1 653.7	4 169.5	3 619.6	7 749.8	198.0	376.5	3 068.3
	NORTHEAST REGION	2 960	920	91.8	517.8	76.7	153.2	380.5	922.0	809.4	1 719.0	55.7	86.4	717.9
	NEW ENGLAND DIVISION	619	220	21.4	116.6	17.6	35.4	83.2	200.0	179.9	377.5	8.3	21.6	167.6
	MAINE	26	9	.9	4.2	.7	1.5	2.7	6.5	6.5	13.1	.6	.7	4.7
	NEW HAMPSHIRE[e]	45	23	2.1	10.9	1.7	3.6	7.7	17.7	16.2	33.6	.5	2.2	15.7
	VERMONT	26	12	2.0	10.7	1.8	3.9	8.5	16.5	27.3	43.4	1.6	1.7	12.3
	MASSACHUSETTS	359	123	10.6	58.3	8.7	17.2	41.4	99.1	80.9	180.1	3.2	11.7	89.0
	RHODE ISLAND	33	7	.7	4.2	.6	1.1	2.8	8.6	5.1	12.7	.1	.8	6.8
	CONNECTICUT	130	46	5.0	28.4	4.0	8.2	20.0	51.7	43.9	94.5	2.4	4.5	39.1
	MIDDLE ATLANTIC DIVISION	2 341	700	70.4	401.2	59.2	117.7	297.3	722.0	629.5	1 341.5	47.4	64.8	551.3
	NEW YORK	1 424	364	33.4	200.1	27.9	55.1	145.8	363.0	285.0	643.6	21.1	32.8	287.5
	NEW JERSEY	355	99	9.8	55.5	8.2	16.3	40.2	105.6	108.3	212.5	5.0	8.9	79.7
	PENNSYLVANIA	562	237	27.1	145.6	23.0	46.4	111.3	253.3	236.3	485.4	21.3	23.1	184.1
	NORTH CENTRAL REGION	2 157	840	110.2	660.7	88.3	176.1	459.6	1 246.4	1 007.4	2 244.1	52.5	101.2	936.8
	EAST NORTH CENTRAL DIVISION	1 654	692	95.6	574.4	76.9	153.1	404.0	1 086.9	867.5	1 946.9	46.6	88.0	820.6
	OHIO	319	116	17.3	111.5	13.5	26.4	77.3	231.6	167.7	398.7	5.7	17.5	185.5
	INDIANA	271	145	24.0	129.9	20.1	40.6	97.0	233.7	192.6	422.6	10.9	22.4	184.3
	ILLINOIS	534	224	25.8	156.5	20.6	40.6	105.8	280.9	250.1	528.5	12.9	23.5	209.0
	MICHIGAN	368	148	21.5	139.5	16.8	33.9	97.9	275.0	196.7	471.4	15.0	18.4	191.4
	WISCONSIN	162	59	7.0	37.0	5.8	11.6	26.0	65.7	60.4	125.7	2.1	6.2	50.4
	WEST NORTH CENTRAL DIVISION	503	148	14.6	86.3	11.5	23.0	55.7	159.5	139.9	297.3	5.9	13.1	116.2
	MINNESOTA	131	34	3.3	20.4	2.7	5.6	14.1	37.4	28.4	64.9	1.2	2.8	22.9
	IOWA	61	19	3.0	19.6	2.1	4.2	10.8	38.3	30.9	68.0	1.2	2.4	25.9
	MISSOURI	189	65	5.1	27.0	4.2	8.0	18.8	46.4	50.3	96.8	1.4	5.3	43.6
	NEBRASKA	43	13	1.5	9.6	1.0	2.2	5.0	19.5	13.7	33.0	1.1	1.3	11.5
	KANSAS	64	17	1.7	9.3	1.4	2.9	6.8	17.5	16.1	33.7	.9	1.4	11.9
	SOUTH REGION	2 820	1 142	179.8	807.3	156.5	316.8	616.7	1 524.2	1 405.9	2 914.9	77.1	148.1	1 030.2
	SOUTH ATLANTIC DIVISION	1 539	655	110.4	506.0	97.0	198.5	390.9	970.3	843.3	1 801.5	53.4	92.9	668.4
	DELAWARE	10	2	.2	.9	.2	.3	.6	1.7	1.4	3.1	.1	.1	.8
	MARYLAND	117	49	5.0	25.3	3.9	7.2	17.0	38.8	42.7	83.7	1.7	4.9	32.1
	VIRGINIA	159	77	24.2	116.6	21.2	45.9	89.3	232.4	193.3	421.9	9.1	20.4	173.8
	WEST VIRGINIA	34	12	1.1	4.7	.9	1.8	3.4	9.0	8.1	17.0	.3	1.1	6.3
	NORTH CAROLINA	558	321	58.5	262.4	52.5	106.5	208.8	516.7	437.2	945.4	34.3	48.0	337.3
	SOUTH CAROLINA	73	25	4.6	19.1	4.0	8.2	14.6	34.6	29.9	62.7	1.9	3.3	21.2
	GEORGIA	189	66	9.3	42.1	8.0	16.1	31.6	73.9	75.4	149.8	4.0	8.3	48.9
	FLORIDA	388	102	7.4	34.3	6.3	12.3	25.2	62.3	54.4	115.9	2.0	6.7	46.5
	EAST SOUTH CENTRAL DIVISION	559	259	43.3	185.0	37.3	74.6	140.6	342.2	346.5	685.5	14.9	33.9	219.1
	KENTUCKY	97	45	6.1	28.4	5.4	10.2	21.7	47.1	50.8	98.6	2.8	5.4	36.9
	TENNESSEE	257	127	21.9	92.6	18.8	37.6	69.6	167.5	161.1	327.9	6.6	17.9	109.3
	ALABAMA	122	39	4.4	19.0	3.9	8.1	14.8	36.6	37.8	73.9	2.4	3.6	24.3
	MISSISSIPPI	83	48	10.8	44.9	9.2	18.7	34.5	90.9	96.8	185.1	3.1	7.1	48.5
	WEST SOUTH CENTRAL DIVISION	722	228	26.1	116.3	22.2	43.8	85.2	211.7	216.0	427.9	8.8	21.3	142.8
	ARKANSAS	119	58	9.7	40.8	8.4	16.4	30.9	70.6	76.6	147.4	2.9	8.3	49.2
	LOUISIANA	79	17	1.4	5.4	1.2	2.2	4.1	10.4	10.9	21.1	.2	1.2	8.0
	OKLAHOMA	80	15	1.5	7.0	1.3	2.7	5.5	13.0	12.2	25.3	.3	1.1	8.3
	TEXAS	444	138	13.5	63.1	11.3	22.6	44.7	117.6	116.4	234.1	5.5	10.5	77.3
	WEST REGION	2 071	547	43.5	272.6	35.8	69.4	196.9	476.7	396.9	871.8	12.7	40.9	389.1
	MOUNTAIN DIVISION	257	57	3.5	19.2	2.9	5.6	14.2	32.5	32.5	65.0	1.3	3.2	24.8
	COLORADO	72	23	1.3	7.9	1.1	2.1	5.7	13.5	12.7	26.1	.8	(D)	(D)
	ARIZONA	71	13	.9	4.3	.7	1.3	3.3	7.7	7.2	15.0	.1	.9	6.6
	UTAH	44	11	.8	4.4	.7	1.4	3.4	6.9	7.3	14.3	.2	.8	5.4
	NEVADA[e]	14	3	.2	.8	.1	.3	.6	1.3	1.3	2.6	(Z)	(D)	(D)
	PACIFIC DIVISION	1 814	490	40.1	253.5	32.9	63.8	182.7	444.2	364.4	806.8	11.4	37.7	364.2
	WASHINGTON	133	35	2.8	15.7	2.4	4.2	11.9	28.5	22.8	51.5	.8	2.5	21.0
	OREGON	103	27	2.9	16.1	2.4	4.6	12.8	26.1	20.5	47.2	.8	2.4	20.8
	CALIFORNIA	1 539	418	33.6	217.2	27.6	53.9	155.4	382.8	313.6	693.9	9.5	32.1	318.6
	HAWAII	37	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
251	HOUSEHOLD FURNITURE	6 306	2 366	297.8	1 456.1	257.3	513.1	1 101.0	2 649.5	2 478.1	5 111.0	112.8	270.3	2 047.5
	NORTHEAST REGION	1 791	588	54.1	280.9	46.2	90.9	210.8	489.4	471.7	956.0	21.7	53.5	417.3
	NEW ENGLAND DIVISION	424	163	15.0	76.7	12.8	25.6	56.8	128.2	131.7	259.7	4.8	15.5	114.3
	MAINE	18	8	.5	2.3	.4	.9	1.5	4.0	3.4	7.4	(D)	.5	3.0
	NEW HAMPSHIRE[e]	32	16	1.6	8.0	1.4	2.9	5.8	12.9	13.2	25.9	.3	1.6	11.1
	VERMONT	24	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	255	99	8.3	42.7	7.0	13.7	31.4	72.2	64.5	137.2	2.1	9.4	69.8
	CONNECTICUT	81	29	2.5	12.8	2.1	4.1	9.3	22.1	22.7	44.5	.6	(D)	(D)
	MIDDLE ATLANTIC DIVISION	1 367	425	39.0	204.2	33.4	65.3	154.0	361.2	339.9	696.3	16.9	38.0	303.0
	NEW YORK	811	206	17.5	95.4	14.9	28.6	70.3	168.1	143.1	310.6	4.8	17.9	147.1
	NEW JERSEY	207	69	5.8	30.3	4.9	9.2	21.9	59.5	66.0	124.9	2.0	6.2	55.9
	PENNSYLVANIA	349	150	15.7	78.5	13.7	27.5	61.9	133.6	130.0	260.8	10.1	13.9	100.0
	NORTH CENTRAL REGION	1 192	494	61.8	334.4	51.9	102.2	243.8	601.8	558.4	1 159.9	22.2	59.0	482.2
	EAST NORTH CENTRAL DIVISION	910	413	54.1	293.7	45.6	90.0	216.7	529.4	479.4	1 009.1	19.8	(D)	(D)
	OHIO	163	61	7.6	43.0	6.5	12.5	32.6	82.9	86.2	169.6	2.0	(D)	(D)
	INDIANA	181	107	19.7	104.1	16.5	33.3	78.2	187.1	157.7	342.2	9.0	18.7	148.4
	ILLINOIS	290	128	14.1	79.1	11.8	22.8	55.6	135.7	132.9	271.4	4.9	13.3	106.0
	MICHIGAN	196	84	8.6	46.4	7.4	14.6	35.1	88.4	70.9	158.9	2.9	8.2	66.7
	WISCONSIN	80	33	4.1	21.0	3.4	6.8	15.1	35.3	31.8	66.9	.9	3.7	27.1

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
251	HOUSEHOLD FURNITURE--CONTINUED													
	WEST NORTH CENTRAL DIVISION	282	81	7.7	40.7	6.3	12.3	27.1	72.4	78.9	150.8	2.4	(D)	(D)
	MINNESOTA	69	18	1.8	10.1	1.5	3.0	6.7	16.3	15.1	31.0	.3	1.6	11.9
	IOWA	34	11	1.4	8.8	1.1	2.1	5.1	14.8	15.7	30.5	.3	1.4	13.2
	MISSOURI	108	34	2.8	12.6	2.3	4.3	8.7	23.1	30.0	52.9	.7	(D)	(D)
	NEBRASKA	27	9	.7	4.2	.6	1.2	2.7	7.8	7.4	15.1	.7	.6	5.7
	KANSAS	36	9	1.0	5.0	.8	1.7	3.8	10.3	10.5	20.9	.3	.8	7.0
	SOUTH REGION	2 002	903	152.9	671.3	134.9	273.4	523.1	1 263.4	1 184.0	2 435.0	62.6	128.4	882.7
	SOUTH ATLANTIC DIVISION	1 156	543	95.6	429.2	85.2	175.0	338.7	830.1	733.8	1 552.1	44.8	81.7	585.3
	MARYLAND	75	36	2.6	12.6	2.2	4.3	9.1	22.2	22.6	44.8	(D)	2.7	18.1
	VIRGINIA	109	60	21.0	99.1	18.9	41.1	79.6	198.5	174.9	369.7	8.3	17.9	152.1
	WEST VIRGINIA	21	10	.8	3.2	.7	1.4	2.4	5.9	5.1	10.8	.2	.8	4.0
	NORTH CAROLINA	495	294	53.8	239.3	48.4	98.0	191.7	470.3	399.4	863.2	29.2	44.4	311.1
	SOUTH CAROLINA	55	22	4.2	16.8	3.5	7.3	12.7	29.8	26.3	54.4	1.9	3.1	19.1
	GEORGIA	125	47	7.8	35.1	6.8	13.7	26.0	59.8	64.7	125.2	3.5	7.3	42.5
	FLORIDA	270	74	5.4	22.9	4.6	9.1	17.1	43.3	40.3	83.3	1.4	5.5	37.2
	EAST SOUTH CENTRAL DIVISION	414	206	38.5	161.7	33.3	66.3	123.5	288.9	292.3	579.3	11.5	30.7	192.8
	KENTUCKY	73	36	5.5	25.5	4.8	9.2	19.6	41.8	44.5	87.2	2.1	4.7	32.7
	TENNESSEE	193	98	19.2	78.8	16.6	33.1	59.7	136.2	131.7	268.3	4.7	16.3	96.0
	ALABAMA	81	28	3.6	15.3	3.2	6.6	11.9	27.6	28.6	55.6	1.9	3.0	20.2
	MISSISSIPPI	67	44	10.2	42.1	8.7	17.5	32.4	83.3	87.4	168.2	2.9	6.6	43.9
	WEST SOUTH CENTRAL DIVISION	432	154	18.8	80.3	16.4	32.1	60.9	144.4	157.9	303.6	6.2	16.0	104.5
	ARKANSAS	88	42	8.1	33.8	7.2	14.0	26.5	55.7	62.6	118.6	2.4	7.2	41.6
	LOUISIANA	51	14	1.1	4.2	1.0	1.7	3.2	8.6	9.3	17.8	.1	1.0	6.7
	OKLAHOMA	49	11	1.0	4.4	.9	1.8	3.5	7.5	8.3	15.7	.2	.9	5.6
	TEXAS	244	87	8.6	37.9	7.4	14.6	27.8	72.7	77.8	151.5	3.5	6.9	50.6
	WEST REGION	1 321	381	29.0	169.6	24.3	46.4	123.3	294.9	264.1	560.1	6.4	29.3	268.1
	MOUNTAIN DIVISION	167	41	2.3	11.8	1.9	3.8	8.4	20.2	22.8	42.9	.6	2.2	16.2
	COLORADO	47	15	.7	4.5	.6	1.2	2.8	7.3	8.9	16.1	.2	.7	6.6
	ARIZONA	48	9	.6	2.9	.5	1.0	2.2	5.6	5.5	11.1	.1	.6	4.3
	UTAH	27	9	.5	2.5	.4	.9	2.0	4.0	4.5	8.6	.2	.5	3.7
	PACIFIC DIVISION	1 154	340	26.7	157.8	22.4	42.6	114.9	274.7	241.3	517.2	5.8	27.1	251.8
	WASHINGTON	87	25	2.1	11.3	1.8	3.2	8.8	19.7	17.0	37.0	.5	1.8	14.9
	OREGON	65	21	2.6	14.1	2.2	4.2	11.3	23.0	18.0	41.6	.8	2.2	18.3
	CALIFORNIA	977	286	21.4	128.6	17.9	34.4	92.7	226.3	199.6	426.2	4.3	22.7	215.9
	HAWAII	23	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
252	OFFICE FURNITURE	365	189	35.2	225.0	28.0	57.2	160.9	478.1	311.1	781.2	37.2	26.4	285.9
	NORTHEAST REGION	127	65	12.9	78.5	10.2	21.0	56.4	152.7	107.5	256.8	18.4	10.2	95.8
	NEW ENGLAND DIVISION	13	6	1.3	8.1	.8	1.6	4.3	17.7	10.7	27.5	.8	1.2	13.2
	MASSACHUSETTS	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	6	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	9.4
	MIDDLE ATLANTIC DIVISION	114	59	11.7	70.4	9.4	19.4	52.1	135.0	96.8	229.2	17.6	9.0	82.5
	NEW YORK	73	35	5.6	34.6	4.4	8.9	24.5	70.0	41.8	109.7	13.5	4.8	46.2
	NEW JERSEY	12	6	2.0	12.2	1.8	3.8	9.5	21.8	18.5	40.2	(D)	.8	5.5
	PENNSYLVANIA	29	18	4.1	23.6	3.3	6.7	18.1	43.2	36.5	79.3	(D)	3.4	30.8
	NORTH CENTRAL REGION	94	57	14.2	103.3	11.1	22.7	73.3	218.3	132.1	347.3	10.7	11.4	143.9
	EAST NORTH CENTRAL DIVISION	75	46	12.5	91.8	9.9	20.3	66.9	192.6	113.9	304.3	9.5	10.0	126.4
	OHIO	17	11	3.8	27.9	2.8	5.5	18.4	59.2	27.9	86.4	1.0	(D)	(D)
	INDIANA	17	16	2.1	12.3	1.7	3.7	9.1	22.6	15.5	37.7	.6	1.7	16.7
	ILLINOIS	18	8	2.0	14.3	1.5	3.1	9.5	27.9	29.0	56.8	(D)	1.7	19.6
	MICHIGAN	17	7	4.1	34.9	3.4	7.4	27.9	76.5	37.8	113.9	(D)	2.7	41.3
	WISCONSIN	6	4	.5	2.3	.4	.8	2.0	6.4	3.7	9.6	.2	(D)	(D)
	WEST NORTH CENTRAL DIVISION	19	11	1.7	11.5	1.2	2.3	6.4	25.7	18.2	43.0	1.2	1.4	17.5
	IOWA	4	3	1.1	8.0	.7	1.4	4.0	19.1	11.9	30.0	.8	.7	9.6
	MISSOURI	7	5	.2	1.1	.2	.3	.7	2.6	3.1	5.7	.4	(D)	(D)
	KANSAS	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	70	34	5.7	28.4	4.7	9.6	20.3	72.4	47.7	118.5	5.0	3.3	33.0
	SOUTH ATLANTIC DIVISION	36	18	4.0	19.8	3.4	6.9	14.5	51.8	31.3	81.8	3.6	2.4	24.7
	VIRGINIA	4	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	12	9	2.3	11.1	2.0	4.2	8.5	27.1	21.1	46.9	2.9	(D)	(D)
	SOUTH CAROLINA	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.5
	EAST SOUTH CENTRAL DIVISION	14	10	1.3	6.4	1.0	2.0	4.2	15.4	12.5	28.0	1.3	.6	4.9
	TENNESSEE	8	6	.9	4.9	.7	1.3	3.1	10.5	7.5	18.0	1.1	(D)	(D)
	ALABAMA	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	20	6	.4	2.2	.3	.7	1.6	5.1	3.9	8.7	.1	.3	3.3
	TEXAS	17	6	.4	2.1	.3	.7	1.5	5.0	3.9	8.5	(D)	.3	3.2
	WEST REGION	74	33	2.4	14.7	2.0	3.9	10.9	34.8	23.9	58.7	3.1	1.5	13.2
	PACIFIC DIVISION	71	31	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	13.2
	CALIFORNIA	67	30	2.3	14.0	1.9	3.7	10.4	33.5	23.2	56.7	3.0	1.4	12.6

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
253	PUBLIC BUILDING FURNITURE	438	188	22.6	132.2	17.5	36.3	89.2	233.6	194.7	421.2	10.0	16.9	141.8
	NORTHEAST REGION	86	32	3.4	19.6	2.7	5.7	14.0	36.7	31.2	67.0	1.9	2.2	18.0
	NEW ENGLAND DIVISION	23	7	1.0	5.7	.8	1.6	3.8	10.2	7.9	18.2	1.2	.7	5.1
	MAINE	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.3
	MIDDLE ATLANTIC DIVISION	63	25	2.4	13.9	2.0	4.1	10.2	26.5	23.2	48.8	.6	1.6	12.9
	NEW YORK	26	6	.8	5.2	.6	1.3	3.9	12.9	8.8	20.7	.1	.6	5.6
	PENNSYLVANIA	31	17	1.5	7.8	1.3	2.6	5.5	12.4	13.3	25.8	.5	.9	7.0
	NORTH CENTRAL REGION	146	66	7.8	48.2	5.6	11.6	30.3	85.3	70.1	155.3	4.4	7.5	73.7
	EAST NORTH CENTRAL DIVISION	111	52	6.9	42.5	4.9	10.1	26.6	74.3	61.7	136.1	3.5	6.9	67.9
	OHIO	25	10	.7	4.4	.6	1.2	3.0	6.8	7.0	13.9	.3	.8	5.9
	INDIANA	12	4	.5	2.8	.4	.9	2.1	5.5	4.0	9.2	.1	.6	5.7
	ILLINOIS	26	13	.9	5.6	.8	1.5	3.7	8.9	8.1	17.1	.4	1.0	9.6
	MICHIGAN	29	14	3.4	23.0	2.1	4.3	13.0	41.6	30.1	72.2	2.1	3.0	32.4
	WISCONSIN	19	11	1.3	6.6	1.0	2.1	4.7	11.4	12.5	23.8	.6	1.5	14.3
	WEST NORTH CENTRAL DIVISION	35	14	1.0	5.7	.7	1.5	3.8	11.0	8.4	19.2	.9	.6	5.8
	MINNESOTA	10	4	.4	2.2	.3	.6	1.3	5.3	3.6	8.7	.3	.2	2.1
	KANSAS	8	5	.3	1.7	.2	.5	1.1	2.6	2.1	4.7	.5	.1	.9
	SOUTH REGION	127	68	6.9	31.4	5.8	11.7	21.8	59.1	53.9	110.7	2.7	5.5	32.6
	SOUTH ATLANTIC DIVISION	44	22	2.3	10.7	2.0	4.1	7.9	17.2	13.6	30.3	.5	2.3	13.0
	VIRGINIA	7	4	.2	1.1	.2	.4	.8	1.5	1.2	2.8	(D)	.5	2.0
	NORTH CAROLINA	16	10	1.5	7.0	1.3	2.7	5.2	11.5	9.4	20.3	(D)	1.4	8.6
	GEORGIA	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.0
	FLORIDA	9	4	.3	1.3	.2	.4	.9	2.0	1.3	3.3	.1	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	32	14	.9	3.9	.8	1.6	2.9	8.2	8.6	16.2	.3	.7	4.2
	TENNESSEE	15	8	.5	2.0	.4	.7	1.4	4.3	4.9	8.7	(D)	.4	2.3
	MISSISSIPPI	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.3
	WEST SOUTH CENTRAL DIVISION	51	32	3.7	16.8	3.0	6.0	10.9	33.7	31.7	64.2	1.8	2.5	15.5
	ARKANSAS	18	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	5.9
	TEXAS	27	17	2.2	10.3	1.9	3.9	6.9	19.8	19.1	38.1	1.4	1.6	9.0
	WEST REGION	79	22	4.4	33.0	3.4	7.3	23.1	52.5	39.6	88.2	1.1	1.7	17.4
	MOUNTAIN DIVISION	9	3	.2	1.4	.2	.3	1.0	2.1	2.2	4.3	(Z)	(D)	(D)
	PACIFIC DIVISION	70	19	4.2	31.6	3.3	7.0	22.1	50.3	37.4	83.9	1.1	(D)	(D)
	WASHINGTON	9	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	58	14	3.8	28.9	2.9	6.4	20.2	44.3	33.6	74.1	.8	1.2	13.5
254	PARTITIONS AND FIXTURES	1 970	526	48.0	323.6	37.6	76.0	220.1	587.0	427.8	1 010.7	28.0	44.6	433.5
	NORTHEAST REGION	642	175	14.7	102.6	12.1	24.7	73.4	177.1	131.5	307.5	11.5	14.3	134.1
	NEW ENGLAND DIVISION	114	31	2.3	15.9	1.8	3.7	11.2	26.3	16.3	41.5	.5	2.7	20.6
	NEW HAMPSHIRE	8	4	.3	1.9	.2	.5	1.2	3.2	1.9	5.1	.1	.5	3.6
	MASSACHUSETTS	65	16	1.3	8.7	1.0	2.1	6.1	13.7	8.8	22.4	.4	1.2	9.3
	RHODE ISLAND	14	5	.4	2.6	.3	.6	2.0	5.2	2.5	6.8	(D)	(D)	(D)
	CONNECTICUT	22	5	.3	2.3	.2	.5	1.6	3.8	2.8	6.5	.1	(D)	(D)
	MIDDLE ATLANTIC DIVISION	528	144	12.4	86.7	10.3	21.0	62.2	150.9	115.2	266.0	10.9	11.7	113.5
	NEW YORK	339	90	6.7	49.1	5.6	11.4	35.4	84.1	60.9	145.2	1.9	6.8	64.5
	NEW JERSEY	82	15	1.1	7.8	.9	2.0	5.6	13.0	11.8	24.7	(D)	1.2	11.0
	PENNSYLVANIA	107	39	4.6	29.7	3.8	7.6	21.2	53.7	42.5	96.1	(D)	3.7	38.0
	NORTH CENTRAL REGION	511	161	18.6	126.9	13.8	27.8	81.6	246.2	168.2	411.5	10.4	17.0	175.4
	EAST NORTH CENTRAL DIVISION	405	132	15.5	104.8	11.5	22.8	67.6	206.6	143.5	347.4	9.1	14.1	149.5
	OHIO	91	29	4.5	32.5	3.2	6.3	20.4	74.8	38.4	112.6	2.3	4.6	53.7
	INDIANA	49	13	1.5	9.4	1.2	2.3	6.6	16.2	12.6	28.4	1.2	1.3	12.4
	ILLINOIS	130	54	5.8	39.6	4.3	8.7	25.2	74.9	57.2	128.7	4.4	5.2	54.9
	MICHIGAN	90	29	3.1	19.7	2.3	4.4	12.7	33.9	28.6	64.0	1.2	2.4	24.3
	WISCONSIN	45	7	.6	3.5	.5	1.1	2.6	6.9	6.7	13.8	.1	.6	4.2
	WEST NORTH CENTRAL DIVISION	106	29	3.1	22.1	2.3	5.0	13.9	39.6	24.7	64.0	1.2	3.0	25.9
	MINNESOTA	29	7	.9	6.5	.7	1.7	4.9	12.9	7.0	19.6	.6	(D)	(D)
	IOWA	10	1	.2	1.4	.1	.3	.7	1.7	.9	2.4	(Z)	(D)	(D)
	MISSOURI	42	16	1.2	8.2	.9	1.9	5.6	12.2	9.8	22.2	.2	1.3	10.5
	NEBRASKA	10	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	399	109	9.1	51.3	7.2	15.0	34.5	89.8	78.4	167.4	4.5	6.7	55.2
	SOUTH ATLANTIC DIVISION	193	53	4.5	25.9	3.5	7.2	16.2	41.6	32.4	73.4	2.5	3.5	26.8
	MARYLAND	27	7	.3	1.7	.2	.5	1.3	2.7	1.5	4.2	(Z)	.2	2.4
	VIRGINIA[3]	19	6	1.2	7.1	.8	1.8	3.0	9.9	7.5	17.3	.1	(D)	(D)
	WEST VIRGINIA	8	2	.2	1.4	.2	.3	.9	2.6	2.7	5.3	.1	.2	1.8
	NORTH CAROLINA	21	8	.8	4.8	.7	1.5	3.4	7.4	6.9	14.3	1.7	(D)	(D)
	GEORGIA	36	9	.6	3.0	.5	.9	2.3	5.5	4.0	9.3	.2	.4	2.5
	FLORIDA	64	19	1.2	6.8	1.0	1.9	4.7	11.7	8.7	20.0	.3	.9	6.7
	EAST SOUTH CENTRAL DIVISION	68	24	1.9	10.2	1.6	3.5	7.8	23.5	26.5	49.5	1.4	1.4	13.3
	KENTUCKY	11	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	29	12	1.0	5.4	.9	1.8	4.2	13.2	14.3	27.1	.5	.7	6.3
	ALABAMA	21	6	.4	1.9	.3	.7	1.5	3.4	3.7	7.0	.1	.3	2.0
	MISSISSIPPI	7	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
254	PARTITIONS AND FIXTURES--CONTINUED													
	WEST SOUTH CENTRAL DIVISION	138	32	2.7	15.2	2.1	4.3	10.6	24.6	19.5	44.5	.6	1.7	15.2
	ARKANSAS	7	3	.2	.9	.2	.3	.6	1.3	1.8	3.2	.1	(D)	(D)
	OKLAHOMA	21	4	.5	2.5	.4	.8	2.0	5.4	3.8	9.2	(D)	.2	2.4
	TEXAS	95	25	1.9	11.4	1.4	3.0	7.6	17.2	13.3	30.8	(D)	1.4	11.7
	WEST REGION	418	81	5.6	42.9	4.5	8.6	30.6	73.9	49.8	124.3	1.6	6.6	72.4
	MOUNTAIN DIVISION	56	10	.7	4.6	.6	1.0	3.7	7.6	5.3	13.0	.6	.7	6.4
	COLORADO	16	5	.4	2.5	.3	.5	2.0	4.4	2.5	6.8	.5	.2	2.1
	PACIFIC DIVISION	362	71	4.9	38.2	3.9	7.5	27.0	66.2	44.4	111.3	1.1	5.8	66.0
	OREGON	23	4	.2	1.2	.1	.3	.9	1.7	.9	2.6	(Z)	.2	1.5
	CALIFORNIA	316	63	4.5	35.6	3.5	6.9	25.0	62.5	42.1	105.2	1.0	5.3	61.4
259	MISC. FURNITURE AND FIXTURES	929	180	21.6	121.4	17.0	33.0	82.5	221.2	207.9	425.7	10.1	18.2	160.2
	NORTHEAST REGION	314	60	6.7	36.3	5.5	10.9	25.9	66.1	67.6	131.7	2.3	6.1	53.8
	NEW ENGLAND DIVISION	45	13	1.9	10.2	1.5	2.9	7.1	17.7	13.2	30.6	.9	1.6	14.4
	MASSACHUSETTS[e]	23	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.4
	RHODE ISLAND	4	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	15	5	1.1	5.8	.8	1.7	4.1	9.8	7.9	17.3	.7	.7	6.4
	MIDDLE ATLANTIC DIVISION	269	47	4.8	26.0	4.0	8.0	18.8	48.4	54.4	101.2	1.3	4.6	39.3
	NEW YORK	175	27	2.8	15.8	2.4	4.9	11.8	27.9	30.3	57.3	.7	2.7	24.0
	NEW JERSEY	48	7	.7	4.3	.6	1.1	2.5	10.2	10.9	20.5	.5	.7	6.9
	PENNSYLVANIA	46	13	1.2	6.0	1.0	2.0	4.5	10.4	13.1	23.4	.1	1.1	8.4
	NORTH CENTRAL REGION	214	62	7.7	47.8	5.9	11.8	30.7	94.8	78.7	170.2	4.9	6.2	61.7
	EAST NORTH CENTRAL DIVISION	153	49	6.6	41.6	5.0	9.9	26.1	84.1	69.0	149.9	4.8	(D)	(D)
	OHIO	23	5	.6	3.6	.5	.9	2.8	7.9	8.3	16.3	.1	.5	6.0
	INDIANA	12	5	.3	1.2	.2	.4	.9	2.3	2.8	5.2	.1	.1	1.2
	ILLINOIS	70	21	2.9	17.9	2.3	4.6	11.7	33.5	22.9	54.5	(D)	2.3	18.9
	MICHIGAN	36	14	2.2	15.5	1.6	3.2	9.2	34.6	29.3	62.4	(D)	2.2	26.7
	WISCONSIN	12	4	.6	3.4	.4	.8	1.6	5.8	5.7	11.6	.2	(D)	(D)
	WEST NORTH CENTRAL DIVISION	61	13	1.1	6.2	.9	1.8	4.5	10.7	9.7	20.3	.1	(D)	(D)
	MINNESOTA	17	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	25	9	.8	4.5	.7	1.4	3.4	7.6	6.8	14.4	.1	.8	5.9
	SOUTH REGION	222	28	5.1	24.9	3.9	7.1	17.0	39.6	42.0	83.3	2.4	4.2	26.8
	SOUTH ATLANTIC DIVISION	110	19	4.0	20.3	3.0	5.3	13.5	29.6	32.2	64.0	2.0	3.0	18.5
	MARYLAND	9	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	11.1
	VIRGINIA	20	6	EE	(D)	(D)	(D)	(D)	7.8	(D)	(D)	(D)	.4	2.8
	GEORGIA	20	5	.3	1.9	.3	.5	1.4	3.6	3.5	7.1	(D)	.2	1.4
	FLORIDA	36	3	.4	2.4	.4	.7	1.9	3.8	2.7	6.2	.3	.3	1.9
	EAST SOUTH CENTRAL DIVISION	31	5	.6	2.7	.6	1.2	2.2	6.0	6.8	12.5	.4	.6	3.9
	KENTUCKY	5	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	12	3	.3	1.5	.3	.6	1.2	3.4	2.6	5.9	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION[e]	81	4	.4	1.9	.4	.7	1.2	4.0	3.0	6.9	.1	.7	4.4
	TEXAS[e]	61	3	.3	1.4	.3	.4	.9	3.0	2.2	5.2	.1	.4	2.8
	WEST REGION	179	30	2.1	12.4	1.6	3.2	8.9	20.7	19.6	40.4	.5	1.8	18.0
	MOUNTAIN DIVISION	22	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.2
	PACIFIC DIVISION	157	29	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	16.8
	CALIFORNIA	121	25	1.7	10.0	1.3	2.5	7.1	16.4	15.1	31.6	.4	1.5	15.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TABLE 3. Detailed Statistics: 1967

Item	Furniture and fixtures (SIC 25)	Household furniture (SIC 251)	Office furniture (SIC 252)	Public building furniture (SIC 253)	Partitions and fixtures (SIC 254)	Miscellaneous furniture and fixtures (SIC 259)
ESTABLISHMENTS, TOTAL ..... NUMBER	10 008	6 306	365	438	1 970	929
WITH 1 TO 19 EMPLOYEES ..... DO	6 559	3 940	176	250	1 444	749
WITH 20 TO 99 EMPLOYEES ..... DO	2 489	1 679	110	136	425	139
WITH 100 EMPLOYEES OR MORE ..... DO	960	687	79	52	101	41
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	425.3	297.8	35.2	22.6	48.0	21.6
PAYROLL FOR YEAR, ALL EMPLOYEES ... MILLION DOLLARS	2 258.3	1 456.1	225.0	132.2	323.6	121.4
PRODUCTION WORKERS:						
AVERAGE FOR YEAR 1,000	357.5	257.3	28.0	17.5	37.6	17.0
MARCH ..... DO	356.8	258.1	28.2	17.3	36.7	16.5
MAY ..... DO	351.8	252.6	27.7	17.7	37.2	16.6
AUGUST ..... DO	358.0	255.7	28.1	17.5	39.1	17.6
NOVEMBER ..... DO	363.2	262.8	28.0	17.6	37.6	17.2
MAN-HOURS ..... MILLIONS	715.7	513.1	57.2	36.3	76.0	33.0
JANUARY-MARCH ..... DO	178.8	128.9	14.4	8.9	18.5	8.1
APRIL-JUNE ..... DO	176.5	125.7	14.4	9.1	18.9	8.4
JULY-SEPTEMBER ..... DO	176.1	125.0	13.9	9.3	19.6	8.3
OCTOBER-DECEMBER ..... DO	184.3	133.5	14.5	9.0	19.0	8.3
WAGES ..... MILLION DOLLARS	1 653.7	1 101.0	160.9	89.2	220.1	82.5
COST OF MATERIALS, ETC., TOTAL[1] ..... DO	3 619.6	2 478.1	311.1	194.7	427.8	207.9
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED ... DO	3 286.4	2 285.7	268.4	173.9	382.0	176.4
COST OF RESALES ..... DO	234.6	140.3	31.9	13.2	23.5	25.7
FUELS CONSUMED ..... DO	21.0	12.1	2.8	1.3	3.5	1.3
PURCHASED ELECTRIC ENERGY ..... DO	37.2	24.7	3.6	2.1	4.9	2.0
CONTRACT WORK ..... DO	40.4	15.3	4.5	4.2	13.9	2.5
VALUE OF SHIPMENTS, INCLUDING RESALES[1] ..... DO	7 749.8	5 111.0	781.2	421.2	1 010.7	425.7
VALUE OF RESALES ..... DO	284.9	164.4	39.7	16.9	29.1	34.8
VALUE ADDED BY MANUFACTURE ..... DO	4 169.5	2 649.5	478.1	233.6	587.0	221.2
MANUFACTURERS' INVENTORIES:						
BEGINNING OF YEAR, TOTAL ..... DO	1 080.4	699.1	112.6	77.4	121.6	69.6
FINISHED PRODUCTS ..... DO	306.8	211.0	21.7	16.0	31.7	26.4
WORK IN PROCESS ..... DO	270.6	143.3	38.3	30.6	40.9	17.5
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	503.2	344.9	52.6	30.8	49.1	25.8
END OF YEAR, TOTAL ..... DO	1 129.8	714.9	122.8	86.4	131.9	73.8
FINISHED PRODUCTS ..... DO	329.4	221.8	24.7	18.1	34.9	29.9
WORK IN PROCESS ..... DO	287.2	149.3	43.3	35.6	41.8	17.2
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	513.4	343.9	54.8	32.8	55.2	26.7
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL ... DO	210.4	120.8	37.5	10.7	30.8	10.6
NEW PLANT AND EQUIPMENT, TOTAL ..... DO	198.0	112.8	37.2	10.0	28.0	10.1
NEW STRUCTURES AND ADDITIONS TO PLANT ... DO	85.2	43.7	18.7	4.4	14.5	3.9
NEW MACHINERY AND EQUIPMENT ..... DO	112.9	69.1	18.5	5.6	13.5	6.2
USED PLANT AND EQUIPMENT ..... DO	12.4	8.0	.3	.7	2.8	.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation to Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

HOUSEHOLD FURNITURE

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2511--Wood Household Furniture, Except Upholstered
2512--Wood Household Furniture, Upholstered
2514--Metal Household Furniture
2515--Mattresses and Bedsprings
2519--Household Furniture, Not Elsewhere Classified

Establishments primarily engaged in making furniture to order of individual household consumers or primarily engaged in renovating furniture or mattresses are classified in nonmanufacturing industries. Establishments primarily engaged in making furniture parts (except wood frames or headboards) are not included in this group of industries but are generally classified in Major Group 24, Lumber and Wood Products or Major Group 34, Fabricated Metal Products. For example, furniture turnings are included in industry 2499, Wood Products, N.E.C., and furniture hardware, including casters are included in industry 3429, Hardware, N.E.C.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2511--WOOD HOUSEHOLD FURNITURE EXCEPT UPHOLSTERED

This industry comprises establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings. This industry also includes the manufacture of wood kitchen cabinets on a factory basis, and camp furniture. Establishments primarily engaged in manufacturing upholstered furniture are classified in industry 2512, and reed and rattan furniture in industry 2519. For a detailed list of products of industry 2511, refer to table 6A, product codes 2511745 to 2511761.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Wood Household Furniture Industry in 1967 totaled $2,438.9 million. This included shipments of wood household furniture (primary products), valued at $2,212.4 million, shipments of other products (secondary products

valued at $116.6 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $109.9 million.

This industry's shipments of wood household furniture (primary products) in 1967 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent. Secondary products shipped by this industry in 1967 consisted mainly of upholstered household furniture ($41.5 million), and products of purchased glass ($16.9 million).

Industry 2511 shipments of wood household furniture (primary products) in 1967 represented 96 percent (coverage ratio) of these products valued at $2,300.1 million shipped by all industries. In 1963, the coverage ratio was 96 percent. Other industries shipping wood household furniture (primary products) consisted mainly of industry 2512, Upholstered Household Furniture, $25.8 million; industry 2431, Millwork, $11.9 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2511, these establishments accounted for approximately 2.5 percent of payroll and 3.0 percent of value added by manufacture.

2512--WOOD HOUSEHOLD FURNITURE, UPHOLSTERED

This industry comprises establishments primarily engaged in manufacturing upholstered furniture on wood frames, or manufacturing wood frames for upholstered furniture. Shops primarily engaged in reupholstering furniture, or upholstering frames to individual order, are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds are classified in industry 2515, Mattresses and Bedsprings, regardless of the material used in the frame. For a detailed list of products of industry 2512, refer to table 6A, product codes 2512112 to 2512611.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Upholstered Household Furniture Industry in 1967 totaled $1,266.4 million. This included shipments of upholstered household furniture (primary products), valued at $1,142.1 million, shipments of other products (secondary products) valued at $91.9 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $32.3 million.

This industry's shipments of upholstered household furniture (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 92 percent. Secondary products shipped by this industry in 1967 consisted mainly of mattresses and bedsprings ($46.6 million), and wood household furniture ($25.8 million).

Industry 2512 shipments of upholstered household furniture (primary products) in 1967 represented 94 percent (coverage ratio) of these products valued at $1,215.5 million shipped by all industries. In 1963, the coverage ratio was 92 percent. Other industries shipping upholstered household furniture (primary products) consisted mainly of industry 2511, Wood Household Furniture, $41.5 million; industry 2515, Mattresses and Bedsprings, $25.8 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other

Government agencies and the remaining statistics estimated from industry averages. For industry 2512, these establishments accounted for approximately 2.0 percent of payroll and 2.2 percent of value added by manufacture.

2514--METAL HOUSEHOLD FURNITURE

This industry comprises establishments primarily engaged in manufacturing metal household furniture of a type commonly used in dwellings, whether padded or plain. Establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds, are classified in industry 2515, regardless of the material used in the frame. For a detailed list of products of industry 2514, refer to table 6A, product codes 2514111 to 2514498.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Metal Household Furniture Industry in 1967 totaled $605.3 million. This included shipments of metal household furniture (primary products), valued at $529.4 million, shipments of other products (secondary products) valued at $58.4 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $17.5 million.

This industry's shipments of metal household furniture (primary products) in 1967 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 88 percent. Secondary products shipped by this industry in 1967 consisted mainly of fabricated metal products n.e.c. ($5-$10 million), and furniture and fixtures, n.e.c. ($5.2 million).

Industry 2514 shipments of metal household furniture (primary products) in 1967 represented 90 percent (coverage ratio) of these products valued at $587.8 million shipped by all industries. In 1963, the coverage ratio was 89 percent. Other industries shipping metal household furniture (primary products) consisted mainly of industry 2515, Mattresses and Bedsprings, $10.8 million; industry 3943, Children's Vehicles, Except Bicycles, $5.6 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2514, these establishments accounted for approximately 1.1 percent of payroll and 1.3 percent of value added by manufacture.

2515--MATTRESSES AND BEDSPRINGS

This industry comprises establishments primarily engaged in manufacturing innerspring mattresses, box spring mattresses, and noninnerspring mattresses containing felt, foam rubber, or any other filling material; and assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots. This industry also includes establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds regardless of the material used in the frame. Establishments primarily engaged in manufacturing automobile seats and backs are classified in industry 2531; individual wire springs in industry 3481; and paddings and upholstery filling in industry 2293. For a detailed list of products of industry 2515, refer to table 6A, product codes 2515115 to 2515611.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Mattresses and Bedsprings Industry in 1967 totaled $745.1 million. This included shipments of mattresses and bedsprings (primary products), valued at $648.0 million, shipments of other products (secondary products) valued at $66.1 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $31.0 million.

This industry's shipments of mattresses and bedsprings (primary products) in 1967 represented 91 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 90 percent. Secondary products shipped by this industry in 1967 consisted mainly of upholstered household furniture ($25.8 million), and metal household furniture ($10.8 million).

Industry 2515 shipments of mattresses and bedsprings (primary products) in 1967 represented 91 percent (coverage ratio) of these products valued at $709.6 million shipped by all industries. In 1963, the coverage ratio was 90 percent. Other industries shipping mattresses and bedsprings (primary products) consisted mainly of industry 2512, Upholstered Household Furniture, $46.6 million; industry 2511, Wood Household Furniture, $5.6 million.

As indicated in the introduction, small establishments generally with less then 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2515, these establishments accounted for approximately 3.0 percent of payroll and 3.5 percent of value added by manufacture.

2519--HOUSEHOLD FURNITURE, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing reed, rattan and other wicker furniture, and household furniture, not elsewhere classified. For a detailed list of products of industry 2519, refer to table 6A, product codes 2519011 to 2519098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Household Furniture, N.E.C., Industry in 1967 totaled $55.3 million. This included shipments of household furniture, n.e.c. (primary products), valued at $43.9 million, shipments of other products (secondary products) valued at $8.8 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $2.6 million.

This industry's shipments of household furniture, n.e.c., (primary products) in 1967 represented 83 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 84 percent.

Industry 2519 shipments of household furniture, n.e.c., (primary products) in 1967 represented 56 percent (coverage ratio) of these products valued at $79.0 million shipped by all industries. In 1963, the coverage ratio was 51 percent. Another industry shipping household furniture, n.e.c., (primary products) consisted mainly of industry 3079, Miscellaneous Plastics Products, $23.7 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2519, these establishments accounted for approximately 1.4 percent of payroll and 1.3 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2511.--WOOD HOUSEHOLD FURNITURE														
1967 Census....	3,084	1,011	157.4	738.1	139.7	283.9	582.8	1,322.0	1,132.3	2,438.9	74.0	398.9	95	96
1966 ASM[1].....	(NA)	(NA)	160.4	736.0	142.2	298.3	587.9	1,294.6	1,150.7	2,423.4	78.6	377.1	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	152.6	679.1	135.6	284.5	540.4	1,173.7	1,028.9	2,201.1	59.1	316.2	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	144.9	626.6	127.4	270.4	499.0	1,025.8	1,000.3	2,013.7	*45.7	303.3	(NA)	(NA)
1963 Census....	3,063	992	141.0	574.6	124.7	259.3	462.7	993.2	872.8	1,858.0	40.4	285.3	94	96
1962 ASM[1].....	(NA)	(NA)	135.8	537.9	119.9	250.9	424.3	900.4	806.9	1,698.3	28.2	253.9	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	128.3	481.6	112.9	228.7	374.7	782.1	712.9	1,496.9	21.7	231.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	133.0	499.2	117.4	240.3	391.0	809.7	746.9	1,551.9	25.8	240.1	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	137.4	507.8	121.4	251.0	399.9	837.0	781.0	1,604.9	31.0	238.8	(NA)	(NA)
1958 Census[2]...	2,825	934	125.6	443.3	109.3	218.1	345.2	706.3	677.6	1,382.2	26.2	216.6	94	94
INDUSTRY 2512.--UPHOLSTERED HOUSEHOLD FURNITURE														
1967 Census....	1,644	727	75.2	376.2	64.8	125.9	287.0	670.3	600.3	1,266.4	17.1	142.6	93	94
1966 ASM[1].....	(NA)	(NA)	77.9	371.6	67.1	129.4	280.7	654.9	613.3	1,265.0	24.8	128.0	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	75.0	351.0	64.5	125.6	265.9	601.2	570.2	1,173.5	22.1	116.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	72.5	314.1	62.1	119.3	245.1	550.0	525.0	1,068.9	14.5	110.5	(NA)	(NA)
1963 Census....	1,785	713	67.8	291.6	57.9	113.2	225.6	506.7	478.9	983.2	13.7	104.3	92	92
1962 ASM[1].....	(NA)	(NA)	66.9	280.3	57.6	115.6	214.0	478.5	468.7	944.8	12.8	92.3	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	63.3	253.4	54.6	107.2	194.2	432.0	423.3	855.2	10.4	90.0	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	66.3	254.6	56.2	111.0	194.8	443.6	428.8	874.5	10.2	84.5	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	65.8	254.6	56.2	112.6	196.2	449.4	437.2	885.7	15.4	90.7	(NA)	(NA)
1958 Census[2]...	1,760	682	67.7	257.0	51.5	99.0	176.3	432.2	391.8	877.4	11.0	86.9	91	91
INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE														
1967 Census....	486	251	31.0	155.5	25.8	50.3	109.6	291.3	312.0	605.3	10.1	83.6	90	90
1966 ASM[1].....	(NA)	(NA)	31.3	150.8	25.7	51.6	106.3	289.4	310.3	595.3	13.8	87.1	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	31.2	143.6	25.9	51.0	102.6	285.0	302.3	583.3	9.9	79.2	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	31.1	141.3	25.9	51.4	102.0	258.3	307.0	564.8	8.9	75.9	(NA)	(NA)
1963 Census....	517	244	29.3	128.8	24.3	47.9	92.0	247.0	280.7	524.3	6.8	69.9	88	89
1962 ASM[1].....	(NA)	(NA)	28.9	127.3	24.3	47.9	89.8	222.5	275.9	498.4	9.1	62.1	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	29.7	131.7	24.8	48.9	92.9	216.9	278.4	496.7	6.2	67.1	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	31.7	134.3	26.5	52.7	95.5	228.8	288.3	519.1	6.7	71.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	32.5	137.5	27.4	54.6	99.7	239.0	310.4	548.1	6.8	75.2	(NA)	(NA)
1958 Census[2]...	626	272	30.3	124.6	24.6	48.2	89.2	218.7	274.7	496.1	6.3	71.2	88	88
INDUSTRY 2515.--MATTRESSES AND BEDSPRINGS														
1967 Census....	1,013	341	31.2	171.5	24.4	47.8	110.7	335.5	408.8	745.1	10.3	83.6	91	91
1966 ASM[1].....	(NA)	(NA)	32.2	170.4	25.1	49.7	109.9	335.6	405.3	735.6	*8.7	86.4	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	31.9	165.8	24.6	48.9	106.7	324.8	395.8	720.9	10.1	73.9	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	30.4	153.5	23.1	45.9	99.7	296.7	367.7	662.6	*5.1	75.9	(NA)	(NA)
1963 Census....	1,120	340	30.1	146.3	23.0	45.8	94.6	285.5	358.0	641.0	7.3	73.5	90	90
1962 ASM[1].....	(NA)	(NA)	31.5	148.7	23.9	47.3	95.7	263.9	377.0	640.6	*5.9	73.3	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	30.2	136.3	22.7	45.4	88.6	239.7	350.1	587.7	*5.9	73.7	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	30.5	138.8	23.4	46.0	88.9	242.2	344.6	579.0	*4.7	70.5	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	32.6	142.9	25.3	50.6	96.2	253.8	358.7	614.9	4.5	65.8	(NA)	(NA)
1958 Census[2]...	1,215	377	31.7	132.3	24.7	47.9	88.2	248.8	322.0	572.1	7.3	69.8	90	88
INDUSTRY 2519.--HOUSEHOLD FURNITURE, N.E.C.														
1967 Census....	79	36	3.0	14.8	2.6	5.2	10.9	30.4	24.7	55.3	1.3	6.2	83	56
1966 ASM[1].....	(NA)	(NA)	4.6	22.3	4.0	8.1	15.5	41.4	37.8	78.2	*5.9	8.9	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	3.3	16.5	2.8	5.8	11.1	29.0	23.7	52.1	*5.0	5.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	2.2	10.0	1.8	3.9	6.8	18.1	15.9	34.0	*0.7	3.9	(NA)	(NA)
1963 Census....	75	30	2.1	8.4	1.7	3.4	5.9	15.1	13.8	28.9	0.6	3.7	84	51
1962 ASM[1].....	(NA)	(NA)	*1.2	*5.2	*1.0	*1.9	*3.7	*10.2	*8.8	*19.3	(Z)	*2.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	*1.2	*5.0	*1.1	*2.2	*3.6	*10.7	*11.3	*22.1	(Z)	*5.0	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	*1.6	*6.5	*1.4	*2.5	*4.7	*14.3	*13.5	*27.6	(Z)	*5.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	*1.9	*7.9	*1.6	*3.3	*5.9	*16.4	*17.7	*34.1	(Z)	*5.1	(NA)	(NA)
1958 Census[2]...	93	32	2.2	8.4	1.8	3.4	6.4	16.2	14.5	30.6	0.7	4.7	88	68

Note: In 1967, 1963, and 1958, the number of companies in industry 2511 was 2,934, 2,937, and 2,742, respectively; in industry 2512: 1,582, 1,729, and 1,707; industry 2514: 464, 508, and 613; industry 2515: 939, 1,066, and 1,158; industry 2519: 75, 72, and 96.

Standard notes: ~ Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than $50 thousand.

*These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry. Data prior to 1963 exclude Alaska and Hawaii to avoid disclosing individual company figures.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2511.--WOOD HOUSEHOLD FURNITURE								
1967 Census	4,692	89	2,032	2.05	.46	.77	8,401	56	4.66
1966 ASM	4,589	89	2,097	1.97	.47	.78	8,072	57	4.34
1965 ASM	4,450	89	2,098	1.90	.47	.78	7,690	58	4.13
1964 ASM	4,324	88	2,123	1.85	.50	.81	7,079	61	3.79
1963 Census	4,076	88	2,079	1.78	.47	.78	7,045	58	3.83
1962 ASM	3,961	88	2,094	1.69	.48	.79	6,631	60	3.59
1961 ASM	3,755	88	2,025	1.64	.48	.80	6,098	62	3.42
1960 ASM	3,753	88	2,048	1.63	.48	.80	6,087	62	3.37
1959 ASM	3,696	88	2,068	1.59	.49	.80	6,092	61	3.33
1958 Census	3,529	87	1,996	1.58	.49	.81	5,523	63	3.24
	INDUSTRY 2512.--UPHOLSTERED HOUSEHOLD FURNITURE								
1967 Census	5,000	86	1,941	2.28	.47	.77	8,909	56	5.32
1966 ASM	4,768	86	1,927	2.17	.48	.78	8,402	57	5.06
1965 ASM	4,679	86	1,947	2.12	.49	.79	8,013	58	4.79
1964 ASM	4,333	86	1,922	2.05	.49	.78	7,587	57	4.61
1963 Census	4,298	85	1,957	1.99	.49	.78	7,468	58	4.47
1962 ASM	4,188	86	2,008	1.85	.50	.79	7,150	59	4.14
1961 ASM	4,001	86	1,963	1.81	.49	.79	6,819	59	4.03
1960 ASM	3,843	85	1,977	1.75	.49	.78	6,695	57	4.00
1959 ASM	3,868	85	2,005	1.74	.49	.78	6,828	57	3.99
1958 Census	3,798	76	1,921	1.78	.45	.74	6,388	59	4.37
	INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE								
1967 Census	5,014	83	1,948	2.18	.52	.77	9,393	53	5.79
1966 ASM	4,819	82	2,003	2.06	.52	.77	9,250	52	5.61
1965 ASM	4,609	83	1,973	2.01	.52	.76	9,147	50	5.59
1964 ASM	4,540	83	1,986	1.98	.54	.79	8,299	55	5.03
1963 Census	4,390	83	1,970	1.92	.54	.78	8,417	52	5.16
1962 ASM	4,400	84	1,970	1.87	.55	.81	7,691	57	4.94
1961 ASM	4,429	83	1,971	1.90	.56	.83	7,296	61	4.44
1960 ASM	4,239	84	1,990	1.81	.56	.81	7,220	59	4.34
1959 ASM	4,227	84	1,993	1.83	.57	.82	7,346	58	4.38
1958 Census	4,108	81	1,960	1.85	.55	.80	7,208	57	4.54
	INDUSTRY 2515.--MATTRESSES AND BEDSPRINGS								
1967 Census	5,500	78	1,959	2.32	.55	.78	10,761	51	7.02
1966 ASM	5,296	78	1,982	2.21	.55	.78	10,430	51	6.75
1965 ASM	5,201	77	1,988	2.18	.55	.78	10,188	51	6.64
1964 ASM	5,051	76	1,988	2.17	.55	.79	9,762	52	6.46
1963 Census	4,866	76	1,990	2.07	.56	.79	9,498	51	6.24
1962 ASM	4,718	76	1,982	2.02	.59	.82	8,376	56	5.58
1961 ASM	4,514	75	1,997	1.95	.60	.83	7,936	57	5.28
1960 ASM	4,545	77	1,968	1.93	.60	.83	7,932	57	5.26
1959 ASM	4,383	77	2,004	1.90	.58	.82	7,782	56	5.01
1958 Census	4,170	78	1,942	1.84	.56	.79	7,845	53	5.20
	INDUSTRY 2519.--HOUSEHOLD FURNITURE, N.E.C.								
1967 Census	4,963	86	2,020	2.10	.45	.71	10,169	49	5.88
1966 ASM	4,836	86	2,034	1.91	.48	.77	8,973	54	5.11
1965 ASM	5,052	86	2,079	1.91	.45	.77	8,870	57	4.99
1964 ASM	4,618	84	2,164	1.72	.47	.76	8,354	55	4.60
1963 Census	4,082	85	1,951	1.72	.48	.77	7,329	56	4.43
1962 ASM	4,443	83	1,913	1.96	.45	.72	8,669	51	5.44
1961 ASM	4,035	90	1,995	1.63	.51	.74	8,596	47	4.80
1960 ASM	4,165	88	1,804	1.89	.49	.72	9,180	45	5.76
1959 ASM	4,096	84	2,052	1.78	.52	.75	8,513	48	4.94
1958 Census	3,802	84	1,851	1.87	.47	.75	7,336	52	4.72

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2511-- WOOD HOUSEHOLD FURNITURE													
UNITED STATES	3 084	1 011	157.4	738.1	139.7	283.9	582.8	1 322.0	1 132.3	2 438.9	74.0	141.0	993.2
NORTHEAST REGION	914	267	27.1	138.6	23.6	47.9	106.7	228.5	209.6	434.0	15.2	26.6	186.6
NEW ENGLAND DIVISION	219	76	8.9	46.6	7.7	16.0	35.5	74.1	76.4	150.1	3.5	8.7	60.2
MAINE	12	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	2.5
NEW HAMPSHIRE[e]	22	12	1.5	7.2	1.3	2.6	5.3	11.5	11.6	22.9	.3	1.5	10.1
VERMONT	22	12	2.0	10.7	1.8	3.9	8.5	16.4	27.2	43.2	(D)	1.7	12.1
MASSACHUSETTS	122	40	4.0	21.9	3.4	7.1	16.6	34.8	27.5	62.6	1.2	4.5	31.2
CONNECTICUT	39	7	1.0	4.9	.8	1.6	3.7	7.8	7.3	14.9	.2	.7	4.2
MIDDLE ATLANTIC DIVISION	695	191	18.2	92.0	15.9	31.9	71.2	154.3	133.2	283.9	11.7	17.8	126.3
NEW YORK	394	88	7.7	40.3	6.6	13.0	30.4	66.8	51.2	117.8	2.9	8.3	61.2
NEW JERSEY	126	33	2.2	11.6	1.9	3.9	8.3	20.4	27.0	47.6	.8	2.2	16.3
PENNSYLVANIA	175	70	8.3	40.1	7.4	15.0	32.5	67.1	55.0	118.5	8.1	7.4	49.0
NORTH CENTRAL REGION	606	234	30.4	155.2	26.5	53.0	119.7	269.8	221.8	489.5	12.2	27.1	194.2
EAST NORTH CENTRAL DIVISION	467	205	27.7	143.1	24.2	48.6	110.9	249.4	201.4	449.0	11.7	25.1	180.1
OHIO	67	22	2.2	11.8	1.9	3.8	9.2	21.2	18.8	39.9	.6	1.8	15.2
INDIANA	114	68	12.9	67.2	11.3	23.1	53.4	123.1	102.4	222.7	6.8	11.4	83.9
ILLINOIS	136	51	4.6	24.1	4.1	8.0	18.4	37.2	34.3	73.2	1.7	4.8	31.0
MICHIGAN	95	44	5.1	26.3	4.5	9.0	19.9	44.4	27.5	71.4	1.9	4.6	33.4
WISCONSIN	55	20	2.9	13.7	2.5	4.8	9.9	23.5	18.4	41.8	.7	2.5	16.7
WEST NORTH CENTRAL DIVISION	139	29	2.7	12.1	2.3	4.3	8.8	20.4	20.5	40.6	.5	2.0	14.0
MINNESOTA[e]	43	5	.8	3.5	.7	1.4	2.6	5.6	3.8	9.2	.1	.7	4.4
IOWA	15	6	.5	2.9	.4	.8	2.0	4.5	4.2	8.8	.1	.4	3.6
MISSOURI	51	15	1.1	4.5	.9	1.7	3.2	7.8	10.1	17.7	.2	.8	5.5
SOUTH REGION	886	366	88.1	378.9	79.5	163.9	307.0	712.8	615.6	1 318.2	43.8	75.2	508.2
SOUTH ATLANTIC DIVISION	534	232	60.0	261.0	54.7	114.5	214.2	513.8	422.4	925.4	33.1	52.6	376.3
MARYLAND	35	14	1.1	5.2	.9	1.8	4.0	8.8	5.8	14.6	(D)	1.1	7.7
VIRGINIA	75	37	17.2	79.7	15.8	34.5	66.3	160.4	138.6	295.6	7.4	14.7	124.9
WEST VIRGINIA	11	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	167	110	32.1	138.1	29.5	61.2	114.1	277.1	220.3	493.2	20.9	28.1	194.8
SOUTH CAROLINA	32	11	3.1	12.4	2.6	5.5	9.4	21.6	16.7	36.6	1.4	2.6	16.1
GEORGIA	73	27	3.6	13.8	3.3	6.4	11.4	23.3	23.8	46.0	2.3	2.9	13.8
FLORIDA	140	28	2.4	9.7	2.1	4.1	7.4	18.8	14.3	32.9	.8	2.7	17.3
EAST SOUTH CENTRAL DIVISION	183	76	18.5	77.8	16.4	32.4	61.2	130.9	118.9	250.0	6.6	15.0	88.2
KENTUCKY	36	12	2.6	12.6	2.4	4.4	10.2	17.8	17.3	35.7	1.0	2.6	16.9
TENNESSEE	87	42	9.9	41.3	8.7	17.7	32.3	67.8	58.9	126.6	2.8	7.9	43.7
ALABAMA	38	10	1.5	6.2	1.4	3.0	5.2	12.4	12.4	24.2	.9	1.5	9.8
MISSISSIPPI	22	12	4.5	17.8	3.9	7.3	13.4	33.0	30.4	63.4	2.0	3.0	17.9
WEST SOUTH CENTRAL DIVISION	169	58	9.5	40.1	8.5	17.0	31.7	68.1	74.2	142.8	4.1	7.7	43.7
ARKANSAS	33	19	5.7	24.5	5.1	10.1	19.2	38.9	45.0	84.3	2.1	5.0	27.5
LOUISIANA	16	5	.2	1.0	.2	.4	.8	2.1	2.5	4.5	(Z)	.3	1.4
OKLAHOMA	25	8	.9	3.7	.8	1.6	3.0	5.6	5.8	11.3	.2	.7	4.5
TEXAS	95	26	2.7	10.9	2.4	5.0	8.6	21.5	21.0	42.7	1.8	1.6	10.3
WEST REGION	678	144	11.8	65.5	10.1	19.0	49.3	110.9	85.4	197.1	2.8	12.1	104.3
MOUNTAIN DIVISION[e]	77	12	.6	3.0	.6	1.1	2.3	4.9	5.1	10.0	.3	.7	5.2
COLORADO	20	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.2
PACIFIC DIVISION	601	132	11.2	62.5	9.6	18.0	47.1	106.0	80.3	187.1	2.4	11.4	99.2
WASHINGTON	49	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	8.8
OREGON	42	11	1.8	9.3	1.6	2.9	7.7	14.9	10.0	25.2	.5	1.5	12.6
CALIFORNIA	497	107	7.6	44.7	6.6	12.6	32.9	76.5	59.0	135.4	1.6	8.5	76.1
HAWAII	12	3	.4	2.3	.2	.5	1.2	3.2	4.0	7.2	.1	[2](D)	[2](D)
2512-- UPHOLSTERED HOUSEHOLD FURNITURE													
UNITED STATES	1 644	727	75.2	376.2	64.8	125.9	287.0	670.3	600.3	1 266.4	17.1	67.8	506.7
NORTHEAST REGION	406	135	10.6	57.1	9.2	17.3	44.5	98.3	81.2	179.1	1.6	11.1	88.5
NEW ENGLAND DIVISION	109	47	3.0	14.6	2.5	4.8	11.1	25.5	20.9	46.4	.4	3.1	23.1
MASSACHUSETTS	76	33	2.3	11.5	1.9	3.7	8.5	19.7	16.2	35.9	.2	2.5	18.8
CONNECTICUT	21	12	.6	2.8	.5	1.0	2.3	5.1	4.1	9.2	(D)	.5	3.7

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2512-- UPHOLSTERED HOUSEHOLD FURNITURE --CON.													
NORTHEAST REGION--CON.													
MIDDLE ATLANTIC DIVISION	297	88	7.6	42.4	6.6	12.4	33.4	72.7	60.3	132.7	1.3	8.0	65.4
NEW YORK	189	44	3.8	22.3	3.4	6.0	17.8	37.6	29.8	67.4	.7	4.4	38.6
NEW JERSEY	23	9	.4	2.4	.3	.5	1.7	3.9	3.1	6.9	(Z)	[2](D)	[2](D)
PENNSYLVANIA	85	35	3.4	17.7	3.0	5.9	13.9	31.3	27.4	58.5	.6	[2](D)	[2](D)
NORTH CENTRAL REGION	266	118	13.0	73.9	11.0	21.3	54.8	134.7	116.5	251.9	2.7	12.9	106.7
EAST NORTH CENTRAL DIVISION	208	93	11.0	62.5	9.4	18.2	47.6	115.9	99.8	216.5	2.2	10.9	90.9
OHIO	47	16	1.8	10.5	1.5	2.8	7.8	18.9	14.0	32.8	.4	1.9	16.5
INDIANA	36	21	2.5	13.0	2.2	4.4	9.9	21.8	15.7	37.4	.4	2.9	20.5
ILLINOIS	59	25	3.2	18.1	2.8	5.2	13.9	32.6	28.7	62.5	.4	3.0	27.4
MICHIGAN	52	22	2.5	14.5	2.1	4.1	11.3	33.0	31.4	64.3	.8	2.1	19.1
WISCONSIN	14	9	1.0	6.4	.8	1.7	4.6	9.4	10.1	19.5	.2	.9	7.4
WEST NORTH CENTRAL DIVISION	58	25	1.9	11.4	1.6	3.1	7.2	18.9	16.7	35.4	.4	2.0	15.9
MINNESOTA	13	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.1
IOWA	10	4	.7	4.9	.6	1.0	2.8	8.2	7.3	15.3	.2	.6	4.9
MISSOURI	23	8	.4	2.0	.4	.7	1.5	3.4	4.0	7.3	.1	.7	4.6
NEBRASKA	9	6	.4	2.8	.4	.8	1.8	4.6	3.3	7.9	.1	.4	3.8
SOUTH REGION	624	346	43.1	193.2	37.4	73.6	148.1	351.3	329.9	676.7	11.6	35.0	236.0
SOUTH ATLANTIC DIVISION	371	206	25.3	119.9	21.9	43.1	91.4	219.2	200.2	416.8	8.1	20.0	140.3
MARYLAND	17	8	.7	3.7	.6	1.3	2.8	6.3	5.1	11.4	.1	.9	6.2
VIRGINIA	18	11	2.4	12.2	2.0	4.1	8.7	22.5	22.3	44.8	.4	2.2	17.6
WEST VIRGINIA	4	2	.2	.6	.1	.3	.5	1.1	.8	1.9	(Z)	.3	1.6
NORTH CAROLINA	266	153	18.8	88.4	16.5	31.9	68.6	165.9	148.2	311.8	6.5	14.2	100.4
SOUTH CAROLINA	11	6	.7	3.0	.6	1.2	2.2	4.8	5.7	10.5	.3	.2	.9
GEORGIA	15	9	1.4	7.0	1.2	2.3	4.7	10.7	11.2	21.8	.5	1.5	8.8
FLORIDA	40	17	1.1	5.0	.9	1.9	3.9	7.8	6.9	14.6	.3	.9	4.7
EAST SOUTH CENTRAL DIVISION	140	89	12.5	51.0	10.8	21.5	40.0	93.3	92.1	183.4	2.3	10.0	59.9
KENTUCKY	18	15	1.4	6.2	1.2	2.4	4.8	10.4	9.0	19.3	.8	1.3	7.4
TENNESSEE	78	44	6.0	22.9	5.2	9.9	18.1	39.1	37.9	77.5	.8	5.5	29.6
ALABAMA[e]	13	6	.8	3.2	.7	1.3	2.4	5.0	4.8	9.8	.3	.6	3.4
MISSISSIPPI	31	24	4.3	18.7	3.7	7.9	14.7	38.8	40.4	76.9	.5	2.7	19.5
WEST SOUTH CENTRAL DIVISION	113	51	5.4	22.3	4.7	8.9	16.8	38.8	37.6	76.5	1.2	4.9	33.2
ARKANSAS	39	19	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	10.7
LOUISIANA	10	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	56	29	3.0	12.8	2.6	4.9	9.3	21.4	20.1	41.6	.9	2.8	18.9
WEST REGION	348	128	8.5	52.1	7.3	13.8	39.6	86.0	72.6	158.6	1.2	8.9	78.1
MOUNTAIN DIVISION	34	14	.7	3.8	.6	1.2	2.9	6.7	5.7	12.4	.1	.7	4.9
COLORADO	16	4	.2	1.0	.2	.3	.7	2.0	1.4	3.4	(Z)	[2](D)	[2](D)
ARIZONA	7	3	.2	.9	.2	.3	.8	2.2	1.7	3.9	.1	[2](D)	[2](D)
UTAH	4	4	.2	1.2	.2	.4	.9	1.7	1.6	3.2	(D)	.2	1.3
PACIFIC DIVISION	314	114	7.8	48.3	6.7	12.6	36.8	79.3	66.9	146.2	1.1	8.2	73.2
WASHINGTON	20	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.4
OREGON	15	5	.6	3.9	.5	1.0	3.0	5.6	4.8	10.7	(D)	[2](D)	[2](D)
CALIFORNIA	277	102	6.7	41.5	5.8	10.9	31.5	69.6	58.2	127.6	1.0	7.4	66.3
2514-- METAL HOUSEHOLD FURNITURE													
UNITED STATES	486	251	31.0	155.5	25.8	50.3	109.6	291.3	312.0	605.3	10.1	29.3	247.0
NORTHEAST REGION	188	86	8.1	39.5	7.0	13.2	29.2	70.1	75.7	144.9	2.5	7.8	61.0
NEW ENGLAND DIVISION	23	10	1.0	4.0	.9	1.3	2.9	7.3	5.7	13.4	.4	1.5	12.2
MASSACHUSETTS	13	7	.8	3.0	.7	1.1	2.2	5.4	4.7	10.6	.3	1.1	8.5
CONNECTICUT[e]	7	3	.2	1.0	.1	.3	.7	1.8	.9	2.7	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	165	76	7.2	35.5	6.1	11.8	26.3	62.8	70.0	131.5	2.1	6.3	48.7
NEW YORK	105	40	3.6	19.0	3.0	5.8	13.3	34.5	32.4	66.1	.8	2.6	21.3
NEW JERSEY	21	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	9.2
PENNSYLVANIA	39	24	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.5	18.2
NORTH CENTRAL REGION	95	60	8.4	47.6	6.6	12.6	31.8	89.4	94.9	185.7	3.7	9.7	89.6
EAST NORTH CENTRAL DIVISION	86	56	7.9	45.1	6.1	11.7	29.9	84.8	89.7	175.9	3.5	9.1	84.3
OHIO	14	7	1.6	8.5	1.2	2.3	6.3	16.9	24.6	42.0	.4	2.3	20.2
INDIANA	8	7	1.7	10.0	1.2	2.3	5.9	19.1	16.2	35.8	1.3	2.1	22.8
ILLINOIS	47	31	4.0	23.5	3.2	6.3	15.5	42.5	42.1	84.9	(D)	3.6	31.1
MICHIGAN	14	9	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2514-- METAL HOUSEHOLD FURNITURE--CON.													
NORTH CENTRAL REGION--CON.													
WEST NORTH CENTRAL DIVISION	9	4	.5	2.5	.5	.9	2.0	4.6	5.2	9.8	.2	.7	5.3
MISSOURI	7	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	4.8
SOUTH REGION	122	71	11.1	48.3	9.5	19.1	35.3	95.6	109.7	206.6	3.2	8.6	63.2
SOUTH ATLANTIC DIVISION	76	39	4.4	20.1	3.8	8.0	14.7	38.7	43.2	83.4	1.2	4.3	29.4
MARYLAND	8	4	.2	1.1	.2	.4	.7	1.9	2.5	4.4	.1	.2	.9
VIRGINIA	5	5	1.0	5.3	.8	1.8	3.5	11.2	10.1	21.1	(D)	.8	7.3
NORTH CAROLINA	17	13	1.4	6.1	1.3	2.6	4.8	13.2	14.3	27.6	.4	.9	7.4
GEORGIA	9	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	7.6
FLORIDA	34	11	.7	2.6	.6	1.1	2.0	4.8	4.6	9.4	(D)	.8	5.5
EAST SOUTH CENTRAL DIVISION	26	19	5.0	21.0	4.3	8.5	15.4	43.9	52.1	95.1	1.7	[2]3.2	[2]25.0
KENTUCKY	7	5	1.3	5.7	1.1	2.1	3.9	11.4	15.7	27.2	.4	[2](D)	[2](D)
TENNESSEE	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	11.8
ALABAMA	10	7	.9	4.4	.8	1.7	3.3	7.1	7.4	14.4	(D)	.6	4.9
MISSISSIPPI	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	20	13	1.7	7.2	1.5	2.7	5.2	13.0	14.4	28.1	.3	1.2	8.8
ARKANSAS	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	2.7
LOUISIANA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	13	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	81	34	3.4	20.1	2.7	5.3	13.3	36.1	31.7	68.1	.7	3.3	33.3
PACIFIC DIVISION	75	32	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	71	30	3.2	18.5	2.5	5.0	12.2	33.8	29.8	63.9	(D)	[2](D)	[2](D)
2515-- MATTRESSES AND BEDSPRINGS													
UNITED STATES	1 013	341	31.2	171.5	24.4	47.8	110.7	335.5	408.8	745.1	10.3	30.1	285.5
NORTHEAST REGION	261	86	7.2	40.1	5.6	10.6	26.1	79.9	95.4	175.1	2.2	7.2	73.6
NEW ENGLAND DIVISION	69	27	2.1	10.9	1.6	3.1	6.8	20.5	27.9	48.2	.6	1.9	17.8
MASSACHUSETTS	40	16	1.1	5.8	.9	1.6	3.7	11.6	15.2	26.6	.2	1.1	10.3
CONNECTICUT	14	7	.7	4.1	.6	1.2	2.5	7.4	10.4	17.8	.2	.6	6.0
MIDDLE ATLANTIC DIVISION	192	59	5.1	29.3	4.0	7.5	19.3	59.4	67.5	126.9	1.6	5.2	55.7
NEW YORK	112	29	2.0	11.5	1.6	3.1	7.2	21.7	26.6	48.3	.4	2.3	21.8
NEW JERSEY	36	14	2.0	11.7	1.6	2.9	8.3	25.8	24.2	50.1	.9	2.0	24.6
PENNSYLVANIA	44	16	1.1	6.1	.8	1.5	3.8	11.9	16.8	28.5	.3	.9	9.4
NORTH CENTRAL REGION	217	78	9.5	55.2	7.4	14.6	35.8	103.5	120.7	224.0	3.5	9.0	89.6
EAST NORTH CENTRAL DIVISION	141	55	7.0	40.4	5.4	10.7	26.6	75.0	84.1	159.0	2.3	6.6	65.4
OHIO	33	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8	21.0
INDIANA	23	11	2.5	13.8	1.8	3.6	9.0	23.0	23.4	46.3	.5	2.2	21.2
ILLINOIS	43	19	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	34	9	.6	2.8	.5	.8	1.9	5.9	7.2	13.1	.1	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	76	23	2.5	14.8	2.0	4.0	9.2	28.5	36.6	65.1	1.3	2.5	24.2
MINNESOTA	12	6	.7	4.9	.5	1.0	2.9	7.8	9.0	16.8	.1	.5	5.0
IOWA	9	1	.2	1.1	.1	.2	.4	2.1	4.2	6.3	(Z)	[2](D)	[2](D)
MISSOURI	27	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	6.6
NEBRASKA	9	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KANSAS	15	7	.8	4.2	.7	1.4	3.1	8.9	9.6	18.6	(D)	.6	6.0
SOUTH REGION	346	110	9.7	47.1	7.7	15.2	29.7	95.9	122.7	219.7	3.0	9.1	72.6
SOUTH ATLANTIC DIVISION	159	58	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND[e]	14	10	.5	2.6	.4	.8	1.5	5.0	9.1	14.1	.1	.4	3.3
VIRGINIA	10	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.4
NORTH CAROLINA	42	16	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	8.6
SOUTH CAROLINA	8	3	.2	.9	.2	.4	.7	2.4	2.8	5.1	.1	[2](D)	[2](D)
GEORGIA	27	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	12.3
FLORIDA[e]	47	13	1.0	4.2	.8	1.5	2.8	9.1	12.5	21.6	.2	.9	8.2
EAST SOUTH CENTRAL DIVISION	62	20	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KENTUCKY	11	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	21	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	11.0
ALABAMA	20	5	.3	1.6	.3	.5	1.0	3.2	3.9	7.1	(D)	.3	2.2
MISSISSIPPI	10	5	.3	1.1	.3	.4	.7	2.2	2.9	5.1	.1	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2515-- MATTRESSES AND BEDSPRINGS--CON.													
SOUTH REGION--CON.													
WEST SOUTH CENTRAL DIVISION	125	32	2.2	10.7	1.8	3.4	7.2	24.1	31.6	55.8	.6	(D)	(D)
LOUISIANA	21	5	.2	1.0	.2	.3	.6	2.7	2.7	4.4	.1	.2	1.2
TEXAS	76	22	1.7	8.7	1.4	2.7	6.0	20.0	25.3	45.4	.5	1.7	15.8
WEST REGION	189	67	4.8	29.1	3.7	7.4	19.1	56.3	70.0	126.3	1.6	4.8	49.7
MOUNTAIN DIVISION	47	13	.8	3.9	.6	1.3	2.5	6.8	10.4	17.0	.1	.7	5.4
COLORADO	8	5	.2	1.5	.2	.4	.7	2.1	4.5	6.5	(Z)	.2	2.1
ARIZONA	16	5	.3	1.3	.2	.4	.9	2.5	2.9	5.4	(Z)	.2	1.6
UTAH	8	2	.2	.7	.2	.3	.6	1.5	2.0	3.5	(D)	.2	1.3
PACIFIC DIVISION	142	54	4.0	25.3	3.1	6.1	16.6	49.6	59.6	109.2	1.5	4.1	44.3
WASHINGTON	15	6	.3	2.0	.3	.5	1.2	4.1	5.7	9.8	.1	.3	2.7
CALIFORNIA	113	40	3.4	21.5	2.6	5.2	14.3	41.3	48.5	89.9	1.1	3.4	38.6
2519-- HOUSEHOLD FURNITURE, NEC													
UNITED STATES	79	36	3.0	14.8	2.6	5.2	10.9	30.4	24.7	55.3	1.3	2.1	15.1
NORTHEAST REGION	22	14	1.0	5.6	.9	2.0	4.2	12.7	9.8	22.8	.2	.9	7.6
MIDDLE ATLANTIC DIVISION	18	11	.9	5.0	.8	1.7	3.8	12.0	9.0	21.3	.1	.7	6.7
NEW YORK	11	5	.4	2.4	.3	.7	1.5	7.5	3.2	11.0	.1	.4	4.2
PENNSYLVANIA	6	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
NORTH CENTRAL REGION	8	4	.5	2.5	.4	.8	1.7	4.4	4.4	8.7	.1	.3	2.1
EAST NORTH CENTRAL DIVISION	8	4	.5	2.5	.4	.8	1.7	4.4	4.4	8.7	.1	(D)	(D)
OHIO	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
ILLINOIS	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
SOUTH REGION	24	10	.9	4.0	.8	1.6	2.9	7.8	6.1	13.8	1.0	.5	2.7
SOUTH ATLANTIC DIVISION	16	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CAROLINA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
FLORIDA	9	5	.3	1.4	.3	.5	1.0	2.7	2.0	4.7	(D)	.3	1.5
EAST SOUTH CENTRAL DIVISION	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSISSIPPI	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	25	8	.5	2.9	.4	.9	2.0	5.5	4.4	10.0	.1	.3	2.6
PACIFIC DIVISION	22	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	19	7	.5	2.5	.4	.8	1.8	5.2	4.1	9.4	(D)	[2] (D)	[2] (D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. e For 1967, over 30 percent of the data for this line was estimated.

[1] General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols: AA - less than 250 employees; BB - 250-499 employees; CC - 500-999 employees; EE - 1,000-2,499 employees; FF - 2,500 employees and over.

[2] This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Wood household furniture (SIC 2511)	Upholstered household furniture (SIC 2512)	Metal household furniture (SIC 2514)	Mattresses and bedsprings (SIC 2515)	Household furniture, n.e.c. (SIC 2519)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.95	.93	.90	.91	.83
COVERAGE RATIO[2]	.96	.94	.90	.91	.56
ESTABLISHMENTS, TOTAL . . . NUMBER	3 084	1 644	486	1 013	79
WITH 1 TO 19 EMPLOYEES . . . DO	2 073	917	235	672	43
WITH 20 TO 99 EMPLOYEES . . . DO	654	548	165	286	26
WITH 100 EMPLOYEES OR MORE . . . DO	357	179	86	55	10
ALL EMPLOYEES, AVERAGE FOR YEAR . . . 1,000	157.4	75.2	31.0	31.2	3.0
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	738.1	376.2	155.5	171.5	14.8
PRODUCTION WORKERS:					
AVERAGE FOR YEAR . . . 1,000	139.7	64.8	25.8	24.4	2.6
MARCH . . . DO	140.8	63.9	27.4	23.5	2.5
MAY . . . DO	136.2	62.9	27.1	23.9	2.5
AUGUST . . . DO	139.0	64.9	24.0	25.3	2.5
NOVEMBER . . . DO	142.9	67.6	24.8	24.9	2.8
MAN-HOURS . . . MILLIONS	283.9	125.9	50.3	47.8	5.2
JANUARY-MARCH . . . DO	72.5	30.6	13.2	11.4	1.2
APRIL-JUNE . . . DO	68.9	30.5	13.3	11.7	1.3
JULY-SEPTEMBER . . . DO	68.4	31.0	11.7	12.7	1.2
OCTOBER-DECEMBER . . . DO	74.1	33.8	12.1	12.0	1.5
WAGES . . . MILLION DOLLARS	582.8	287.0	109.6	110.7	10.9
COST OF MATERIALS, ETC., TOTAL . . . DO	1 132.3	600.3	312.0	408.8	24.7
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . . . DO	1 020.8	569.0	292.3	382.0	21.6
COST OF RESALES . . . DO	82.4	21.7	11.9	22.6	1.6
FUELS CONSUMED . . . DO	6.2	2.4	1.9	1.5	.1
PURCHASED ELECTRIC ENERGY . . . DO	14.8	4.3	2.9	2.2	.5
CONTRACT WORK . . . DO	8.1	2.8	3.0	.5	.9
VALUE OF SHIPMENTS, INCLUDING RESALES . . . DO	2 438.9	1 266.4	605.3	745.1	55.3
VALUE OF RESALES . . . DO	92.7	29.4	13.9	26.4	1.9
VALUE ADDED BY MANUFACTURE . . . DO	1 322.0	670.3	291.3	335.5	30.4
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL . . . DO	385.2	136.8	87.0	83.9	6.2
FINISHED PRODUCTS . . . DO	129.4	28.8	28.7	22.3	1.9
WORK IN PROCESS . . . DO	88.3	29.0	14.6	10.0	1.4
MATERIALS, SUPPLIES, FUEL, ETC. . . . DO	167.5	79.1	43.7	51.6	3.0
END OF YEAR, TOTAL . . . DO	398.9	142.6	83.6	83.6	6.2
FINISHED PRODUCTS . . . DO	142.0	31.2	25.2	21.7	1.7
WORK IN PROCESS . . . DO	91.3	30.7	16.1	9.8	1.4
MATERIALS, SUPPLIES, FUEL, ETC. . . . DO	165.6	80.7	42.3	52.1	3.2
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . . DO	77.4	18.9	12.2	10.8	1.3
NEW PLANT AND EQUIPMENT, TOTAL . . . DO	74.0	17.1	10.1	10.3	1.3
NEW STRUCTURES AND ADDITIONS TO PLANT . . . DO	29.3	6.7	2.7	4.3	.7
NEW MACHINERY AND EQUIPMENT . . . DO	44.7	10.4	7.4	6.0	.6
USED PLANT AND EQUIPMENT . . . DO	3.4	1.8	2.1	.5	(Z)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: (Z) Under 50 thousand.

[1] The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2] The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2511-- WOOD HOUSEHOLD FURNITURE											
ESTABLISHMENTS, TOTAL	3 084	157.4	738.1	139.7	283.9	582.8	1 322.0	1 132.3	2 438.9	74.0	398.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	1 310	2.2	10.4	2.2	4.0	8.3	25.0	22.1	47.1	[2]1.0	6.8
5 TO 9 EMPLOYEES[e]	455	3.0	14.8	2.9	5.3	11.9	27.0	23.2	50.2	1.2	6.6
10 TO 19 EMPLOYEES	308	4.3	22.1	3.8	7.3	16.9	39.8	32.4	71.9	1.3	8.9
20 TO 49 EMPLOYEES	429	13.4	64.0	11.7	22.9	49.4	112.6	98.8	211.2	3.8	24.9
50 TO 99 EMPLOYEES	225	16.2	76.9	14.2	28.6	59.1	133.7	117.5	249.7	6.1	37.7
100 TO 249 EMPLOYEES	206	33.0	157.5	28.9	58.7	121.8	269.1	227.3	496.5	9.7	83.8
250 TO 499 EMPLOYEES	100	36.4	163.2	32.5	66.5	130.1	305.6	281.0	579.7	19.8	102.9
500 TO 999 EMPLOYEES	39	27.6	130.9	24.8	52.6	106.2	244.1	203.2	443.6	15.8	79.1
1,000 TO 2,499 EMPLOYEES	10	21.2	98.2	18.8	37.9	79.1	165.1	126.8	289.1	15.4	48.3
2,500 EMPLOYEES OR MORE	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	1 517	4.1	18.7	4.1	7.4	15.0	39.3	35.0	74.4	1.3	11.1
2512-- UPHOLSTERED HOUSEHOLD FURNITURE											
ESTABLISHMENTS, TOTAL	1 644	75.2	376.2	64.8	125.9	287.0	670.3	600.3	1 266.4	17.1	142.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	458	.8	3.6	.8	1.3	2.8	8.1	6.9	15.0	(Z)	1.4
5 TO 9 EMPLOYEES[e]	241	1.7	8.5	1.6	2.7	6.6	15.6	13.3	28.8	.3	2.7
10 TO 19 EMPLOYEES	218	3.1	16.5	2.7	5.1	13.1	27.4	22.1	49.4	.6	4.4
20 TO 49 EMPLOYEES	356	11.2	56.2	9.7	18.7	43.7	94.5	85.1	179.8	2.5	17.5
50 TO 99 EMPLOYEES	192	13.6	64.1	11.7	22.5	48.9	107.7	96.5	203.4	2.6	21.7
100 TO 249 EMPLOYEES	122	19.4	97.2	16.7	32.3	73.9	168.3	158.4	326.0	4.5	39.1
250 TO 499 EMPLOYEES	41	13.9	71.9	12.0	24.0	54.0	132.0	120.9	252.1	3.9	30.5
500 TO 999 EMPLOYEES	15	11.5	58.0	9.7	19.5	44.0	116.7	97.0	211.9	2.8	25.2
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	555	1.6	7.5	1.6	2.7	5.8	14.9	12.9	27.8	.2	2.8
2514-- METAL HOUSEHOLD FURNITURE											
ESTABLISHMENTS, TOTAL	486	31.0	155.5	25.8	50.3	109.6	291.3	312.0	605.3	10.1	83.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	113	.2	.9	.2	.3	.7	2.3	2.4	4.7	(Z)	.5
5 TO 9 EMPLOYEES[e]	55	.4	1.9	.3	.6	1.3	3.7	4.2	7.9	.1	.9
10 TO 19 EMPLOYEES	67	.9	4.6	.8	1.6	3.4	8.5	8.5	16.9	.3	1.6
20 TO 49 EMPLOYEES	111	3.7	18.8	3.1	5.8	13.4	34.2	34.2	68.0	1.0	7.6
50 TO 99 EMPLOYEES	54	3.7	18.2	3.1	5.9	13.3	32.7	36.0	69.0	.9	8.5
100 TO 249 EMPLOYEES	53	8.5	41.3	7.2	14.3	28.3	77.6	85.3	163.5	2.1	19.2
250 TO 499 EMPLOYEES	27	9.3	48.3	7.8	15.4	35.0	86.2	97.3	185.0	3.5	30.6
500 TO 999 EMPLOYEES	6	4.3	21.4	3.3	6.4	14.3	46.1	44.1	90.2	2.3	14.6
ESTABS. COVERED BY ADMIN. RECORDS[1e]	131	.4	1.7	.4	.6	1.2	3.7	4.0	7.6	.1	.9
2515-- MATTRESSES AND BEDSPRINGS											
ESTABLISHMENTS, TOTAL	1 013	31.2	171.5	24.4	47.8	110.7	335.5	408.8	745.1	10.3	83.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	363	.6	2.7	.6	.9	1.8	6.9	9.6	16.4	.1	1.8
5 TO 9 EMPLOYEES[e]	148	1.0	4.7	.9	1.5	3.0	10.3	15.7	26.0	.3	2.4
10 TO 19 EMPLOYEES	161	2.3	11.6	1.8	3.6	7.8	22.6	31.8	54.4	.8	4.9
20 TO 49 EMPLOYEES	191	5.9	31.0	4.7	9.2	20.2	61.4	83.9	145.0	1.7	14.6
50 TO 99 EMPLOYEES	95	6.3	35.1	4.9	9.7	20.8	71.8	95.1	166.4	2.4	16.9
100 TO 249 EMPLOYEES	38	5.4	29.5	4.1	7.9	18.2	56.6	66.5	123.2	2.0	13.5
250 TO 499 EMPLOYEES	11	4.1	23.6	3.1	6.6	14.8	41.7	46.9	89.6	.7	12.1
500 TO 999 EMPLOYEES	4	5.6	33.3	4.3	8.4	24.1	64.3	59.4	124.1	2.2	17.5
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	425	1.2	5.2	1.2	1.8	3.4	11.6	16.0	27.6	.3	3.0
2519-- HOUSEHOLD FURNITURE, NEC											
ESTABLISHMENTS, TOTAL	79	3.0	14.8	2.6	5.2	10.9	30.4	24.7	55.3	1.3	6.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	18	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	-	(Z)
5 TO 9 EMPLOYEES[e]	13	.1	.5	.1	.2	.4	.9	.7	1.6	(Z)	.3
10 TO 19 EMPLOYEES	12	.2	.8	.1	.3	.7	1.9	1.7	3.6	(Z)	.4
20 TO 49 EMPLOYEES	15	.5	2.6	.4	.9	1.9	4.3	2.6	6.8	.1	1.2
50 TO 99 EMPLOYEES	11	.7	3.5	.6	1.2	2.6	7.6	6.4	13.9	.1	1.5
100 TO 249 EMPLOYEES	10	1.5	7.3	1.3	2.6	5.3	15.7	13.2	29.2	1.1	2.9
ESTABS. COVERED BY ADMIN. RECORDS[1]	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Expalnation of Terms.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2511	Wood household furniture.....1967..	2,438.9	2,212.4	116.6	109.9	95	2,300.1	2,212.4	87.7	96
	1963..	1,858.0	1,682.0	101.4	74.7	94	1,759.3	1,682.0	77.3	96
2512	Upholstered household furniture.....1967..	1,266.4	1,142.1	91.9	32.3	93	1,215.5	1,142.1	73.4	94
	1963..	983.2	881.3	77.8	24.1	92	959.0	881.3	77.7	92
2514	Metal household furniture.....1967..	605.3	529.4	58.4	17.5	90	587.8	529.4	58.4	90
	1963..	524.3	451.9	62.2	10.2	88	507.7	451.9	55.9	89
2515	Mattresses and bedsprings.....1967..	745.1	648.0	66.1	31.0	91	709.6	648.0	61.6	91
	1963..	641.0	547.1	63.2	30.7	90	608.7	547.1	61.6	90
2519	Household furniture, N.E.C.....1967..	55.3	43.9	8.8	2.6	83	79.0	43.9	35.1	56
	1963..	28.9	23.8	4.4	0.7	84	46.9	23.8	23.1	51

Note: See Appendix, Explanation of Terms, for discussion of items.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not Applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product class code	Class of products and miscellaneous receipts	All industries (SIC 2511)	Wood furniture not upholstered (SIC 2511)	Wood furniture upholstered (SIC 2512)	Metal household furniture (SIC 2514)	Mattresses and bedsprings (SIC 2515)	Household furniture, n.e.c. (SIC 2519)	Other industries
2511-	Total shipments and miscellaneous receipts.....	(X)	2,438.9	1,266.4	605.3	745.1	55.3	(X)
2511-	Wood household furniture.....	2,300.1	2.212.4	25.8	7.7	2.4	(under 2)	(50-100)
25111	Radio, phonograph and television wood cabinets.....	257.8	253.2	(under 2)	-	-	-	(2-5)
25112	Other wood living room, library, sunroom, and hall furniture.....	395.4	366.9	13.3	(under 2)	(under 2)	-	14.1
25113	Wood dining room, kitchen furniture, (except cabinets)..	375.7	364.0	9.1	(under 2)	(under 2)	-	(2-5)
25114	Kitchen cabinets, wood.....	250.8	236.8	-	-	-	-	14.0
25115	Wood bedroom furniture.....	694.7	677.5	(2-5)	3.6	(under 2)	(under 2)	8.4
25116	Infant's and children's wood furniture.....	44.5	40.4	-	(under 2)	-	-	(2-5)
25117	Wood outdoor furniture and unpainted furniture.....	63.8	56.8	-	3.3	-	-	3.7
25110	Wood household furniture, n.s.k.....	217.4	216.8	(under 2)	-	-	-	(under 2)
2512-	Upholstered household furniture.....	1,215.5	41.5	1,142.1	2.6	25.8	(under 2)	(2-5)
25121	Upholstered wood household furniture.....	1,053.1	40.8	982.6	(2-5)	25.8	(under 2)	1.5
25126	Wood frames for household furniture.....	52.4	0.7	49.8	(under 2)	-	-	(under 2)
25120	Upholstered household furniture n.s.k.....	110.0	-	109.8	-	-	-	0.2
2514-	Metal household furniture.....	587.8	(under 2)	(5-10)	529.4	10.8	-	40.8
25141	Metal household dining and breakfast furniture.....	163.1	-	(2-5)	152.1	-	-	(5-10)
25142	Metal kitchen furniture.....	56.5	-	-	52.0	-	-	4.4
25143	Metal porch, lawn, and outdoor furniture.....	109.7	-	-	98.1	-	-	11.6
25144	Other metal household furniture.....	208.0	(under 2)	(under 2)	177.5	10.8	-	17.7
25140	Metal household furniture n.s.k.....	50.5	-	-	49.7	-	-	0.8

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product class code	Class of products and miscellaneous receipts	All industries	Wood furniture not upholstered (SIC 2511)	Wood furniture upholstered (SIC 2512)	Metal household furniture (SIC 2514)	Mattresses and bedsprings (SIC 2515)	Household furniture, n.e.c. (SIC 2519)	Other industries
2511-	Total shipments and miscellaneous receipts--Continued							
2515-	Mattresses and bedsprings	709.6	5.6	46.6	2.5	648.0	-	6.9
35151	Innerspring mattresses, other than crib size	240.2	(under 2)	(under 2)	(under 2)	235.6	-	2.5
25152	Other mattresses, including crib mattresses	57.6	(under 2)	(under 2)	-	54.1	-	2.1
25153	Bedsprings	177.9	(under 2)	(under 2)	(under 2)	173.6	-	(under 2)
25154	Convertible sofas	103.1	(under 2)	33.7	-	68.0	-	(under 2)
25155	Jackknife sofa beds and chair beds	34.9	(2-5)	(10-20)	-	21.4	-	-
25156	Studio couches	15.0	-	0.1	-	14.9	-	-
25150	Mattresses and bedsprings n.s.k	80.9	-	(under 2)	(under 2)	80.5	-	(under 2)
2519-	Household furniture, n.e.c	79.0	5.6	-	2.9	-	43.9	26.6
	Other product shipments by 4-digit product group							
2293-	Paddings and upholstery filling	(X)	-	-	(under 2)	4.4	-	(x)
2392-	House furnishings, n.e.c	(X)	(under 2)	(under 2)	(under 2)	4.3	(under 2)	(X)
2421-	Sawmill and planing mill products	(X)	2.7	(under 2)	-	-	-	(X)
2426-	Hardwood dimension and flooring	(X)	8.0	(under 2)	-	-	-	(X)
2431-	Millwork	(X)	5.9	(under 2)	-	-	(under 2)	(X)
2442-	Wirebound boxes and crates	(X)	(over 2)	(under 2)	-	-	-	(X)
2499-	Wood products, n.e.c	(X)	3.2	(under 2)	(under 2)	-	(under 2)	(X)
2521-	Wood office furniture	(X)	2.6	(5-10)	-	-	-	(X)
2522-	Metal office furniture	(X)	-	(under 2)	2.1	-	(under 2)	(X)
2531-	Public building furniture	(X)	2.8	(under 2)	3.5	(under 2)	-	(X)
2541-	Wood partitions and fixtures	(X)	7.5	(over 2)	(under 2)	-	(under 2)	(X)
2599-	Furniture and fixtures, n.e.c	(X)	2.7	-	5.2	(5-10)	-	(X)
3231-	Products of purchased glass	(X)	16.9	-	(under 2)	-	-	(X)
3461-	Metal stampings	(X)	(under 2)	-	(2-5)	-	-	(X)
3499-	Fabricated metal products, n.e.c	(X)	-	-	(5-10)	(under 2)	(under 2)	(X)
3634-	Electric housewares and fans	(X)	-	-	(over-2)	-	-	(X)
3841-	Surgical and medical instruments	(X)	-	-	(under 2)	(over 2)	-	(X)
	Other secondary products	(X)	7.3	0.6	11.7	5.5	5.9	(X)
	Miscellaneous receipts	(X)	109.9	32.3	17.5	31.0	2.6	(X)
93000	Commission receipts	(X)	14.1	0.8	1.9	0.5	0.6	(X)
99989	Resales	(X)	92.7	29.4	13.9	26.4	1.9	(X)
99980	Other miscellaneous receipts	(X)	3.1	2.1	1.7	4.1	0.1	(X)
	Listing of the other industries with over $2 million shipments of the primary products							
2511-	1999 Ordinance and accessories, n.e.c	(X)	(X)	(X)	(X)	(X)	(X)	(5-10)
2511-	2521 Sawmill and planing mill products	(X)	(X)	(X)	(X)	(X)	(X)	2.5
2511-	2426 Hardwood dimension and flooring	(X)	(X)	(X)	(X)	(X)	(X)	2.1
2511-	2431 Millwork	(X)	(X)	(X)	(X)	(X)	(X)	11.9
2511-	2432 Veneer and plywood	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
2511-	2499 Wood products, n.e.c	(X)	(X)	(X)	(X)	(X)	(X)	3.7
2511-	2521 Wood office furniture	(X)	(X)	(X)	(X)	(X)	(X)	2.4
2511-	2531 Public building furniture	(X)	(X)	(X)	(X)	(X)	(X)	2.0
2511-	2541 Wood partitions and fixtures	(X)	(X)	(X)	(X)	(X)	(X)	3.6
2511-	3841 Surgical and medical instruments	(X)	(X)	(X)	(X)	(X)	(X)	3.3
2511-	3943 Children's vehicles, except bicycles	(X)	(X)	(X)	(X)	(X)	(X)	2.1
2514-	2531 Public building furniture	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
2514-	3481 Miscellaneous fabricated wire products	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
2514-	3499 Fabricated metal products, n.e.c	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
2514-	3522 Farm machinery	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
2514-	3569 General industry machinery, n.e.c	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
2514-	3642 Lighting fixtures	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
2514-	3841 Surgical and medical instruments	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
2514-	3943 Children's vehicles, except bicycles	(X)	(X)	(X)	(X)	(X)	(X)	5.6
2519-	3079 Miscellaneous plastics products	(X)	(X)	(X)	(X)	(X)	(X)	23.7

Note: Data shown parenthetically above are expressed in millions of dollars.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 units)	Value (million dollars)	Quantity (1,000 units)	Value (million dollars)
2511- --	WOOD HOUSEHOLD FURNITURE, TOTAL	(X)	2,300.1	(X)	1,759.3
25111 --	Radio, phonograph, and television wood cabinets, total	(X)	257.8	(X)	158.4
25111 13	Radio, phonograph, and Hi-Fi cabinets and combinations thereof	e4,685	118.7	3,799	72.5
25111 15	Television cabinets and combinations, TV, Hi-Fi, and radio	3,710	134.6	3,256	84.7
25111 00	Radio, phonograph, and television wood cabinets, n.s.k	(X)	4.5	(X)	1.1
25112 --	Other wood living room, library, sunroom, and hall furniture, total	(X)	395.4	(X)	315.4
25112 11	Sewing machine cabinets	e1,825	45.3	698	18.3
25112 19	Other cabinets (records, music, sewing, smoking, etc.)	(X)	18.3	(X)	8.8
25112 33	Chairs, except dining room	e983	15.1	666	12.4
25112 35	Rockers	e402	7.1	445	5.9
25112 41	Tables (all types) except card and telephone tables	9,648	214.8	9,831	166.2
25112 51	Desks	e690	30.8	623	23.8
25112 71	Credenzas, bookcases, and bookshelves	(X)	24.6	(X)	15.5
25112 98	Other nonupholstered living room furniture (settees, love seats, benches, secretaries, breakfronts, bars, cellarets, magazine racks, smoking stands, ornamental screens, whatnots, hanging shelves, telephone tables and chairs, piano stools, benches, card tables and chairs, etc.)	(X)	33.4	(X)	33.6
25112 00	Other wood living room, library, sunroom, and hall furniture, n.s.k	(X)	5.9	(X)	30.8
25113 --	Wood dining room and kitchen furniture (except cabinets), total	(X)	375.7	(X)	272.3
25113 11	Tables 30 x 40 inches and greater, dining room	1,422	96.0	1,274	68.7
25113 31	Chairs, dining room	8,553	140.2	7,217	100.2
25113 51	Buffets and servers, dining room	747	64.6	649	48.4
25113 71	China and corner cabinets, dining room	578	59.5	460	39.1
25113 98	Other dining and kitchen furniture, including breakfast sets, junior dining furniture, chairs, stools, and tables, not sold as a set	(X)	13.0	(X)	7.1
25113 00	Wood dining room and kitchen furniture, n.s.k	(X)	2.2	(X)	8.8
25114 --	Kitchen cabinets, wood	(X)	250.8	(X)	250.1
	Complete kitchen cabinets (factory made) including complete cabinets to be used as individual units, or to be combined with other cabinets to form a built-in unit. Including sink bases and fronts, wall and utility cabinets; excluding sink bowls, drain boards and sink tops:				
25114 12	Assembled	e8,166	235.4	7,311	203.2
25114 15	Unassembled	e650	10.0	636	12.2
25114 00	Kitchen cabinets (factory made) not identified as assembled or unassembled	(X)	5.4	(X)	34.7
25115 --	Wood bedroom furniture, total	(X)	694.7	(X)	578.2
25115 11	Beds, excluding headboards, headboard beds, bunk beds, cribs, cradles, hollywood beds, and youth beds	e2,630	89.9	2,505	68.8
25115 13	Headboards and headboard beds	3,138	85.2	2,739	56.2
25115 15	Bunk beds, excluding mattresses and detachable springs	646	20.2	609	16.4
25115 21	Dressers, vanities, and dressing tables	3,096	212.1	3,674	200.1
25115 33	Wardrobes, chifforobes, armoires, and wardrobe-type cabinets	222	18.3	226	9.5
25115 35	Chests of drawers	3,389	156.7	3,570	135.3
25115 41	Cedar chests	253	10.4	274	8.0
25115 61	Night tables and stands	1,992	56.8	(X)	67.7
25115 98	Other nonupholstered bedroom furniture, including commodes, bedrails, chairs, rockers, benches, valet stands, etc	(X)	31.8		
25115 00	Bedroom furniture, n.s.k	(X)	13.3	(X)	16.3
25116 --	Infants' and children's wood furniture, total	(X)	44.5	(X)	43.5
25116 11	Cribs, including springs sold as part of the crib	1,181	24.3	784	14.5
25116 42	Play yards and playpens	386	4.2	473	5.0
25116 98	Other infants' and children's furniture (chairs, tables, wardrobes, cradles, youth beds, chests of drawers, baby baths, nursery seats and chairs, highchairs and combination feeding chair-tables, etc.)	(X)	16.1	(X)	22.6
25116 00	Infants' and children's wood furniture, n.s.k	(X)	-	(X)	1.4
25117 --	Wood outdoor furniture, and unpainted wood furniture, total	(X)	63.8	(X)	51.2
	Porch, lawn, beach and similar wood furniture:				
25117 21	Chairs, rockers, benches, and chaise lounges, including steamer and deck chairs	e1,564	17.3	688	5.3
25117 29	Other wood porch, lawn, beach and similar furniture, including gliders, swings, hammocks, tables, picnic table sets, and folding cots	(X)	7.5	(X)	11.5

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 units)	Value (million dollars)	Quantity (1,000 units)	Value (million dollars)
2511- --	WOOD HOUSEHOLD FURNITURE--Continued				
25117 --	Wood outdoor furniture, and unpainted wood furniture--Continued				
	Unpainted wood furniture (furniture-in-the-white):				
25117 45	Chests of drawers	1,593	20.5	1,331	13.7
25117 49	Other furniture-in-the-white (unpainted) (bookcases, chairs, tables, beds, vanities, dressing tables, desks, corner cabinets, folding screens, hanging shelves, wardrobes, etc.)	(X)	13.5	(X)	15.3
25117 61	Unassembled or knock-down wood household furniture sold in kits	(X)	2.8		
25117 00	Wood outdoor furniture and unpainted wood furniture, n.s.k.	(X)	2.1	(X)	5.4
25110 00	Wood household furniture, except upholstered, n.s.k. (For companies with 10 or more employees, See Note)	(X)	143.0	(X)	90.2
25110 02	Wood household furniture, except upholstered, n.s.k. (For companies with less than 10 employees, See Note)	(X)	74.4		
2512- --	UPHOLSTERED HOUSEHOLD FURNITURE, TOTAL	(X)	1,215.5	(X)	959.0
25121 --	Upholstered wood household furniture, total	(X)	1,053.1	(X)	865.5
25121 12	Sofas, davenports (excluding dual-purpose), settees and loveseats, excluding chairs sold as part of suites and sectional sofa pieces	3,992	463.5	3,125	319.5
25121 32	Chairs, except reclining	6,224	322.4	6,725	277.0
25121 41	Sectional sofa pieces, including pieces seating one person	e537	56.5	1,096	92.7
25121 45	Rockers, including swivel rockers	1,189	53.7	1,489	56.3
25121 54	Reclining chairs, all types	2,093	117.3	1,176	59.5
25121 98	Other upholstered wood household furniture (ottomans, hassocks, bedroom chairs, chaise lounges, benches, etc.)	(X)	26.7	(X)	24.5
25121 00	Wood household furniture, upholstered, except dual-purpose sleep furniture, n.s.k.	(X)	13.2	(X)	36.1
25126 11	Wood frames for household furniture	e4,355	52.4	(S)	53.4
25120 00	Wood household furniture, upholstered, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	82.2	(X)	40.1
25120 02	Wood household furniture, upholstered, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	27.8		
2514- --	METAL HOUSEHOLD FURNITURE, TOTAL	(X)	587.8	(X)	507.7
25141 --	Metal household dining, and breakfast furniture, total	(X)	163.2	(X)	141.2
	Tubular metal, including chairs whether padded or plain:				
25141 11	Sets (table and chairs)	2,478	143.4	2,294	115.1
25141 15	Tables (not sold with a set)	e128	3.8	175	4.6
25141 17	Chairs (not sold with a set)	e803	6.3	1,633	10.1
25141 98	Other metal dining, dinette, and breakfast furniture	(X)	2.7	(X)	2.3
25141 00	Metal dining, dinette, and breakfast furniture, n.s.k.	(X)	7.0	(X)	9.2
25142 --	Metal kitchen furniture, total	(X)	56.5	(X)	62.8
	Kitchen furniture, excluding breakfast furniture reported as "dining, dinette, and breakfast furniture":				
25142 11	Cabinets, such as base, top and base, wall, utility, etc	(X)	33.9	(X)	45.7
25142 51	Chairs and stools, padded and plain	e1,873	13.5	1,855	9.1
25142 71	Tables, including hostess carts	938	6.3	1,573	6.9
25142 00	Metal kitchen furniture, n.s.k.	(X)	2.8	(X)	1.0
25143 --	Metal porch, lawn, and outdoor furniture, total	(X)	109.7	(X)	101.2
	Tubular aluminum:				
25143 12	Chairs, rockers, benches, chaise lounges and settees	18,268	68.1	14,817	65.6
25143 14	Other tubular aluminum porch, lawn, and outdoor furniture, including gliders, swings, and hammocks	(X)	12.6	(X)	5.6
	Cast and wrought iron:				
25143 22	Chairs, rockers, benches, chaise lounges and settees	(NA)	8.7	514	9.5
25143 24	Other cast and wrought iron porch, lawn, and outdoor furniture, including gliders, swings and hammocks	(X)	5.0	(X)	10.3
25143 98	Other metal porch, lawn, and outdoor furniture	(X)	9.2	(X)	6.1
25143 00	Metal porch, lawn and other outdoor furniture, n.s.k.	(X)	6.1	(X)	4.2

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 units)	Value (million dollars)	Quantity (1,000 units)	Value (million dollars)
	METAL HOUSEHOLD FURNITURE--Continued				
25144 --	Other metal household furniture, total	(X)	208.0	(X)	184.0
25144 33	Folding cots and rollable cots, including army cots, and other metal beds	e3,365	34.8	1,212	9.9
25144 37	Metal bed frames (complete metal bed frames, sold separately, with or without a headboard)	3,505	20.3	4,519	23.1
25144 55	Upholstered metal household furniture	(X)	5.5	(X)	11.5
	Miscellaneous metal household furniture:				
25144 71	Card tables and chairs	(X)	27.1	(X)	26.0
25144 75	Medicine cabinets, including "wall type" and "insert type"	e3,806	31.6	4,102	33.1
25144 91	Metal radio, phonograph, TV, and Hi-Fi cabinets	680	6.9	842	6.5
25144 93	Infants' and children's metal furniture (including highchairs and tables)	4,297	30.2	2,996	26.0
25144 95	Metal folding tray tables	3,762	12.0	8,530	17.2
25144 98	Other metal household furniture	(X)	35.6	(X)	26.2
25144 00	Other metal household furniture, n.s.k	(X)	4.0	(X)	4.4
25140 00	Metal household furniture, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	42.9	(X)	18.5
25140 02	Metal household furniture, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	7.6		
2515- --	MATTRESSES AND BEDSPRINGS, TOTAL[1]	(X)	709.6	(X)	608.7
25151 --	Innerspring mattresses, other than crib size	(X)	240.2	(X)	216.2
25151 15	Innerspring mattresses, other than crib size, including those with polyurethane or rubber topper pads and those sold as part of hollywood beds	8,749	239.8	8,251	198.7
25151 00	Innerspring mattresses, n.s.k	(X)	0.4	(X)	17.5
25152 --	Other mattresses, including crib mattresses[2]	(X)	57.6	(X)	68.3
25152 01	Spring cushions (excluding air-cooled auto seat cushions)[3]	(NA)	0.6	4,207	6.8
25152 11	Crib mattresses, all types, including crib size mattresses made[2] with innersprings, polyurethane, latex foam, hair, cotton felt, etc	1,467	11.7	1,436	11.1
25152 31	Latex foam core mattresses, other than crib size[2]	552	21.6	442	18.4
25152 37	Polyurethane foam core mattresses, other than crib size[2]	871	17.1	773	15.1
25152 45	Other mattresses including those made of cotton felt, hair, etc[2]	e488	6.0	2,443	9.1
25152 00	Other mattresses, n.s.k	(X)	0.6	(X)	7.8
25153 --	Bedsprings	(X)	177.9	(X)	157.3
25153 11	Box springs, including those sold with or without legs as parts of hollywood beds	6,834	170.2	6,409	145.2
25153 44	Coil springs and flat springs, including springs for bunk beds but excluding crib springs	570	4.6	770	6.4
25153 71	Hospital bedsprings, all types, including hospital bedsprings, manual or motorized, shipped as such by this establishment (excluding bedsprings incorporated at the location into hospital beds)	58	2.0	25	1.0
25153 00	Bedsprings, n.s.k	(X)	1.2	(X)	4.6
25154 --	Convertible sofas	(X)	103.1	(X)	82.3
25154 21	From purchased mattresses, including interplant transfers	474	58.9	368	47.6
25154 31	From mattresses produced at this location	291	43.6	246	30.8
25154 00	Convertible sofas, n.s.k	(X)	0.6	(X)	3.9
25155 21	Jackknife sofa beds and chair beds (back lowers to seat level by means of jackknife hinge and forms half the sleeping surface)	e699	34.9	771	38.8
25156 11	Studio couches	233	15.0	322	17.6
25150 00	Mattresses and bedsprings, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	53.3	(X)	28.4
25150 02	Mattresses and bedsprings, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	27.6		

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 units)	Value (million dollars)	Quantity (1,000 units)	Value (million dollars)
2519- --	HOUSEHOLD FURNITURE, N.E.C.	(X)	79.0	(X)	46.9
25190 11	Plastic cabinets, radio, phonograph, TV, Hi-Fi, and combinations thereof	(NA)	26.1	12,674	17.4
25190 32	Reed and rattan furniture, including willow, wicker, and cane	(X)	11.1	(X)	8.8
25190 98	Other household furniture, including plastic furniture	(X)	31.8	(X)	16.9
25190 00	Other household furniture, n.e.c., n.s.k. (For companies with 10 or more employees. See Note.)	(X)	9.2	(X)	3.8
25190 02	Other household furniture, n.e.c., n.s.k. (For companies with less than 10 employees. See Note.)	(X)	0.8		

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 19 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases in the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computed operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. e From 10 to 30 percent of this figure was estimated.

[1]Estimates of monthly shipments of mattresses and bedsprings have been published since 1957 in Current Industrial Reports M25E, Mattresses and Bedsprings.

[2]For 1963 all crib mattresses made of latex foam, urethane foam or cotton felt were combined with adult size mattresses made of the same materials; crib size mattresses made with innersprings were reported separately. Beginning with 1967, respondents were requested to separate shipments of all crib mattresses from adult size mattresses made of the same materials. Thus, totals shown for these items for 1967 are not comparable to the figures reported on these lines for 1963.

[3]For 1963, the figure shown for springs cushions includes shipments of air-cooled auto seat cushions.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
RADIO, PHONOGRAPH, AND TELEVISION WOOD CABINETS (25111)		
United States	257.8	158.5
Northeast Region	40.0	32.4
New England Div.	10.9	(D)
Massachusetts	BB	(1)
Connecticut	CC	(1)
Middle Atlantic Div.	29.0	(D)
New York	9.6	9.8
New Jersey	2.1	(D)
Pennsylvania	17.4	15.0
North Central Region	140.7	90.1
East North Central Div.	GG	(D)
Indiana	81.0	47.7
Illinois	33.5	26.9
Michigan	18.8	10.3
Wisconsin	BB	(1)
West North Central Div.	BB	(D)
Minnesota	BB	(1)
South Region	72.3	33.0
South Atlantic Div.	EE	(D)
Virginia	BB	(1)
North Carolina	CC	1.8
East South Central Div.	GG	(D)
Tennessee	FF	14.3
Mississippi	FF	(1)
West South Central Div.	2.8	(D)
Arkansas	AA	(D)
Texas	AA	(D)
West Region	4.8	3.0
Pacific Div.	4.8	3.0
California	4.8	3.0
OTHER WOOD LIVING ROOM, LIBRARY, SUNROOM, AND HALL FURNITURE (25112)		
United States	395.4	315.4
Northeast Region	62.5	59.4
New England Div.	22.1	25.1
Maine	AA	1.5
New Hampshire	BB	4.4
Vermont	5.3	2.8
Massachusetts	12.4	15.0
Middle Atlantic Div.	40.5	34.3
New York	24.9	24.0
New Jersey	1.8	2.8
Pennsylvania	13.8	7.5
North Central Region	92.2	80.4
East North Central Div.	84.1	74.3
Ohio	19.6	16.1
Indiana	31.1	23.1
Illinois	15.8	16.0
Michigan	13.3	14.8
Wisconsin	4.4	4.3
West North Central Div.	8.0	6.1
Missouri	CC	5.6
OTHER WOOD LIVING ROOM, LIBRARY, SUNROOM, AND HALL FURNITURE (25112)--Con.		
South Region	211.3	148.2
South Atlantic Div.	140.9	96.6
Maryland	5.4	3.3
Virginia	46.1	36.2
West Virginia	BB	(1)
North Carolina	64.2	40.0
South Carolina	5.1	(1)
Georgia	16.5	9.8
Florida	AA	2.5
East South Central Div.	34.8	27.7
Kentucky	4.2	5.8
Tennessee	14.0	9.2
Alabama	6.6	6.0
Mississippi	10.1	6.8
West South Central Div.	35.6	23.8
Arkansas	24.8	16.7
Oklahoma	2.8	(1)
Texas	8.0	4.5
West Region	29.4	27.4
Pacific Div.	28.6	(D)
Oregon	BB	1.5
California	23.5	23.0
Hawaii	AA	(D)
WOOD DINING ROOM, KITCHEN FURNITURE (EXCEPT CABINETS) (25113)		
United States	375.7	272.3
Northeast Region	66.0	57.2
New England Div.	41.7	33.1
Maine	AA	2.1
New Hampshire	1.4	(1)
Vermont	13.9	11.6
Massachusetts	22.5	16.2
Connecticut	BB	(1)
Middle Atlantic Div.	24.3	24.1
New York	11.5	12.3
New Jersey	BB	3.5
Pennsylvania	CC	8.3
North Central Region	45.0	34.3
East North Central Div.	44.5	32.7
Ohio	BB	(1)
Indiana	21.4	16.5
Illinois	CC	(1)
Michigan	10.2	9.9
Wisconsin	4.4	2.8
South Region	245.7	164.5
South Atlantic Div.	204.5	142.1
Virginia	56.9	36.8
North Carolina	139.3	96.9
South Carolina	BB	(1)
Georgia	3.3	(1)
Florida	BB	2.8
East South Central Div.	28.5	15.2
Kentucky	5.3	3.3
Tennessee	18.4	9.3
Alabama	AA	(1)
Mississippi	BB	(1)
WOOD DINING ROOM, KITCHEN FURNITURE (EXCEPT CABINETS) (25113)--Con.		
South Region--Con.		
West South Central Div.	12.6	7.2
Arkansas	7.6	4.1
Texas	BB	(1)
West Region	19.0	16.3
Pacific Div.	19.0	(D)
Washington	AA	(1)
Oregon	BB	2.8
California	14.2	11.6
KITCHEN CABINETS, WOOD (25114)		
United States	250.8	250.1
Northeast Region	64.2	65.8
New England Div.	7.5	6.3
New Hampshire	BB	2.6
Massachusetts	1.9	1.8
Connecticut	BB	(1)
Middle Atlantic Div.	56.7	59.5
New York	12.0	15.8
New Jersey	9.4	10.8
Pennsylvania	35.3	32.9
North Central Region	95.6	67.1
East North Central Div.	84.5	56.8
Ohio	8.4	5.2
Indiana	53.7	40.9
Illinois	4.7	3.1
Michigan	13.4	5.2
Wisconsin	4.3	2.4
West North Central Div.	11.0	10.3
Minnesota	AA	3.7
Iowa	CC	4.6
Missouri	1.5	1.4
Nebraska	BB	(D)
South Region	61.0	65.4
South Atlantic Div.	35.9	40.8
Maryland	3.5	4.2
West Virginia	BB	(1)
North Carolina	CC	8.5
South Carolina	BB	(1)
Georgia	7.9	6.2
Florida	7.9	12.2
East South Central Div.	15.3	16.0
Kentucky	EE	(1)
Tennessee	BB	1.8
West South Central Div.	9.7	8.6
Louisiana	AA	(D)
Texas	7.6	6.2
West Region	30.1	51.8
Mountain Div.	4.0	5.6
Colorado	1.5	1.8
Arizona	AA	2.0
Utah	AA	1.2
Pacific Div.	26.1	46.2
Washington	7.6	8.6
Oregon	3.9	(1)
California	14.5	32.9

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
WOOD BEDROOM FURNITURE (25115)		
United States	694.7	578.2
Northeast Region	56.9	53.3
New England Div	18.1	16.2
New Hampshire	3.6	3.5
Vermont	7.9	6.2
Massachusetts	5.2	5.2
Middle Atlantic Div	38.8	37.1
New York	16.9	18.0
New Jersey	5.3	6.7
Pennsylvania	16.7	12.4
North Central Region	43.3	42.9
East North Central Div	34.8	38.8
Ohio	2.3	3.1
Indiana	14.9	16.3
Illinois	2.9	4.1
Michigan	6.3	9.6
Wisconsin	8.4	5.8
West North Central Div	8.6	4.0
Minnesota	BB	(1)
Missouri	CC	(1)
South Region	555.5	440.0
South Atlantic Div	425.8	335.8
Maryland	AA	1.0
Virginia	165.3	136.8
North Carolina	228.8	172.1
South Carolina	16.3	14.0
Georgia	BB	3.5
Florida	10.2	8.4
East South Central Div	77.1	59.8
Kentucky	CC	9.1
Tennessee	46.1	33.0
Alabama	12.6	(D)
Mississippi	CC	(D)
West South Central Div	52.6	44.3
Arkansas	35.6	31.0
Louisiana	BB	(1)
Oklahoma	BB	(1)
Texas	10.5	7.8
West Region	39.0	42.1
Pacific Div	38.6	(D)
Washington	2.4	(1)
Oregon	9.9	(D)
California	24.8	33.6
Hawaii	1.5	1.6
INFANTS' AND CHILDREN'S WOOD FURNITURE (25116)		
United States	44.5	43.5
Northeast Region	12.5	(NA)
New England Div	6.2	(NA)
New Hampshire	AA	(NA)
Massachusetts	BB	(NA)
Middle Atlantic Div	6.3	(NA)
New York	2.3	(NA)
Pennsylvania	4.0	(NA)
North Central Region	15.9	(NA)
East North Central Div	13.8	(NA)
Indiana	BB	(NA)
Wisconsin	8.8	(NA)
West North Central Div	2.2	(NA)
Missouri	1.9	(NA)
INFANTS' AND CHILDREN'S WOOD FURNITURE (25116)--Con.		
South Region	12.3	(NA)
South Atlantic Div	5.1	(NA)
North Carolina	BB	(NA)
Florida	AA	(NA)
East South Central Div	BB	(NA)
Alabama	BB	(NA)
West South Central Div	CC	(NA)
Arkansas	BB	(NA)
West Region	3.7	(NA)
Pacific Div	BB	(NA)
California	BB	(NA)
WOOD OUTDOOR FURNITURE AND UNPAINTED WOOD FURNITURE (25117)		
United States	63.8	51.2
Northeast Region	19.0	16.3
New England Div	2.6	1.7
Massachusetts	2.1	(1)
Middle Atlantic Div	16.5	14.6
New York	6.3	7.6
New Jersey	4.2	1.5
Pennsylvania	6.0	5.5
North Central Region	16.0	8.8
East North Central Div	10.7	7.5
Ohio	BB	(D)
Indiana	3.3	3.2
Illinois	BB	2.2
Wisconsin	2.3	(D)
West North Central Div	5.3	1.3
Iowa	AA	(1)
Missouri	BB	(D)
South Region	11.6	10.5
South Atlantic Div	3.8	4.5
Georgia	2.8	1.9
East South Central Div	1.6	1.3
West South Central Div	6.3	4.7
Arkansas	BB	(D)
Texas	BB	2.6
West Region	17.1	15.7
Pacific Div	16.2	(D)
Washington	BB	(1)
Oregon	BB	(1)
California	9.0	9.1
UPHOLSTERED WOOD HOUSEHOLD FURNITURE (25121)		
United States	1,053.1	865.5
Northeast Region	138.2	132.5
New England Div	36.7	36.3
Massachusetts	27.8	28.7
Connecticut	8.0	5.9
Middle Atlantic Div	101.5	96.2
New York	46.6	51.7
New Jersey	6.3	7.3
Pennsylvania	48.6	37.3
UPHOLSTERED WOOD HOUSEHOLD FURNITURE (25121)--Con.		
North Central Region	201.9	177.5
East North Central Div	171.8	148.1
Ohio	29.4	26.1
Indiana	37.8	38.6
Illinois	52.4	43.9
Michigan	35.5	43.9
Wisconsin	16.7	27.3
West North Central Div	30.1	29.4
Minnesota	4.1	(1)
Iowa	14.5	10.6
Missouri	5.1	8.0
Nebraska	5.8	5.3
South Region	587.3	427.9
South Atlantic Div	363.1	258.7
Maryland	8.3	11.3
Virginia	45.0	34.6
West Virginia	1.8	2.4
North Carolina	270.3	189.4
South Carolina	10.9	1.6
Georgia	18.2	13.6
Florida	8.6	5.8
East South Central Div	164.0	118.1
Kentucky	14.0	11.1
Tennessee	72.3	62.5
Alabama	6.3	3.2
Mississippi	71.3	41.4
West South Central Div	60.2	51.1
Arkansas	23.1	16.9
Louisiana	BB	(1)
Oklahoma	AA	(1)
Texas	31.7	27.4
West Region	125.8	127.6
Mountain Div	11.8	8.8
Colorado	2.2	2.8
Arizona	4.4	2.2
Utah	3.9	3.1
Pacific Div	114.0	118.8
Washington	5.2	(1)
Oregon	11.3	8.0
California	97.3	105.5
WOOD FRAMES FOR HOUSEHOLD FURNITURE (25126)		
United States	52.4	53.4
Northeast Region	16.2	17.8
New England Div	4.0	3.6
Massachusetts	2.7	2.3
Connecticut	AA	(D)
Middle Atlantic Div	12.3	14.2
New York	6.1	7.6
New Jersey	2.0	1.8
Pennsylvania	4.2	4.8
North Central Region	9.1	10.7
East North Central Div	8.2	8.7
Ohio	1.2	(1)
Illinois	2.7	2.0
Michigan	1.1	1.9
Wisconsin	BB	(1)
South Region	24.5	20.5
South Atlantic Div	13.4	11.2
Virginia	BB	(1)
North Carolina	8.6	6.4
Georgia	AA	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
WOOD FRAMES FOR HOUSEHOLD FURNITURE (25126)--Con.		
South Region--Con.		
East South Central Div.	8.1	7.0
Tennessee	2.6	2.2
Mississippi	4.5	(1)
West South Central Div.	3.1	2.3
Arkansas	BB	(D)
West Region	2.6	4.4
Pacific Div.	BB	(D)
California	1.8	3.8
METAL HOUSEHOLD DINING AND BREAKFAST FURNITURE (25141)		
United States	163.1	141.2
Northeast Region	20.3	16.1
Middle Atlantic Div.	EE	13.5
New York	8.0	8.1
Pennsylvania	EE	4.0
North Central Region	36.6	39.9
East North Central Div.	FF	(D)
Illinois	25.6	25.7
Michigan	CC	4.0
South Region	75.8	59.4
South Atlantic Div.	34.3	30.6
Maryland	BB	1.9
Virginia	EE	(1)
North Carolina	CC	(1)
Georgia	CC	7.4
East South Central Div.	FF	21.1
Kentucky	EE	(1)
Tennessee	BB	(1)
Alabama	AA	(D)
Mississippi	EE	(1)
West South Central Div.	CC	7.7
Texas	CC	(D)
West Region	30.4	25.8
Pacific Div.	30.4	(D)
California	30.4	(1)
METAL KITCHEN FURNITURE (25142)		
United States	56.5	62.8
Northeast Region	13.5	19.7
New England Div.	AA	1.8
Massachusetts	AA	(1)
Middle Atlantic Div.	EE	17.9
New York	6.5	8.4
New Jersey	AA	1.2
Pennsylvania	3.8	8.3
North Central Region	31.5	33.3
East North Central Div.	FF	(D)
Ohio	3.1	10.1
Indiana	CC	9.7
Illinois	18.8	13.0
South Region	10.7	8.1
South Atlantic Div.	AA	(D)
East South Central Div.	CC	(D)
Alabama	BB	(1)
Mississippi	BB	(1)
METAL PORCH, LAWN, AND OUTDOOR FURNITURE (25143)		
United States	109.7	101.3
Northeast Region	39.4	38.3
New England Div.	BB	6.3
Massachusetts	BB	(1)
Middle Atlantic Div.	FF	32.0
New York	17.8	11.6
New Jersey	CC	(1)
Pennsylvania	CC	(1)
North Central Region	18.4	18.5
East North Central Div.	14.0	11.0
Indiana	6.5	(D)
Illinois	1.5	(D)
Michigan	BB	(1)
Wisconsin	BB	(1)
West North Central Div.	4.4	7.5
Minnesota	BB	(D)
Missouri	AA	(1)
South Region	44.7	35.2
South Atlantic Div.	22.5	22.4
North Carolina	5.7	(1)
Georgia	EE	(1)
Florida	BB	6.3
East South Central Div.	15.2	10.2
Tennessee	7.8	(1)
Alabama	CC	(1)
Mississippi	AA	
West South Central Div.	7.0	2.6
Arkansas	AA	(1)
Texas	CC	(D)
West Region	7.2	9.2
Pacific Div.	7.2	(D)
California	7.1	(1)
OTHER METAL HOUSEHOLD FURNITURE (25144)		
United States	208.0	184.0
Northeast Region	41.9	44.6
New England Div.	5.4	7.0
Massachusetts	CC	5.3
Middle Atlantic Div.	36.5	37.6
New York	14.5	10.4
New Jersey	7.3	8.3
Pennsylvania	14.7	19.0
North Central Region	83.7	81.6
East North Central Div.	72.5	77.8
Ohio	19.8	20.0
Indiana	22.8	25.7
Illinois	27.2	24.4
Michigan	AA	(1)
West North Central Div.	11.2	3.8
Minnesota	BB	(D)
Missouri	CC	3.6
South Region	59.2	37.9
South Atlantic Div.	20.0	13.7
North Carolina	16.7	9.6
Georgia	1.2	(D)
Florida	1.7	(D)
OTHER METAL HOUSEHOLD FURNITURE (25144)--Con.		
South Region--Con.		
East South Central Div.	31.5	17.3
Kentucky	EE	4.9
Tennessee	EE	(1)
West South Central Div.	7.7	6.9
Arkansas	AA	2.8
Louisiana	BB	(1)
Texas	2.7	2.3
West Region	23.2	19.9
Pacific Div.	22.8	(D)
California	22.7	19.7
INNERSPRING MATTRESSES, OTHER THAN CRIB SIZE (25151)		
United States	240.2	234.1
Northeast Region	59.5	62.8
New England Div.	14.2	15.7
Massachusetts	8.1	10.1
Connecticut	5.5	4.3
Middle Atlantic Div.	45.3	47.1
New York	18.1	19.3
New Jersey	16.6	18.0
Pennsylvania	10.6	9.8
North Central Region	73.9	73.1
East North Central Div.	55.8	55.2
Ohio	23.5	22.4
Indiana	11.2	9.8
Illinois	16.2	16.5
Michigan	AA	5.8
West North Central Div.	18.1	17.9
Minnesota	4.9	4.4
Iowa	1.4	2.2
Missouri	4.8	5.4
Nebraska	2.2	(1)
Kansas	4.9	4.3
South Region	61.4	54.7
South Atlantic Div.	30.7	25.5
Maryland	4.2	2.4
Virginia	2.3	2.2
West Virginia	1.3	1.2
North Carolina	7.3	3.9
Georgia	10.1	8.6
Florida	5.5	5.6
East South Central Div.	13.1	14.4
Kentucky	2.0	1.7
Tennessee	7.9	9.8
Alabama	2.0	1.8
Mississippi	1.3	1.1
West South Central Div.	17.6	14.8
Louisiana	AA	AA
Oklahoma	1.4	1.1
Texas	14.9	12.3
West Region	45.4	43.5
Mountain Div.	6.7	6.4
Colorado	3.4	3.1
Arizona	1.6	1.7
Utah	1.1	1.2
Pacific Div.	38.7	37.1
Washington	4.1	(D)
Oregon	2.3	(1)
California	30.7	32.4
Hawaii	AA	(D)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
OTHER MATTRESSES, INCLUDING CRIB MATTRESSES (25152)		
United States	57.6	50.2
Northeast Region	12.8	12.2
New England Div.	3.2	3.5
Massachusetts	2.6	3.0
Middle Atlantic Div.	9.6	8.7
New York	5.1	4.7
New Jersey	1.8	1.7
Pennsylvania	2.6	2.4
North Central Region	15.8	11.5
East North Central Div.	10.9	8.0
Ohio	3.2	2.4
Indiana	2.2	1.4
Illinois	4.8	3.3
West North Central Div.	4.9	3.5
Missouri	1.7	1.9
Kansas	1.9	(D)
South Region	21.2	16.5
South Atlantic Div.	12.8	8.2
Maryland	1.9	(D)
North Carolina	3.9	3.3
Georgia	2.3	(D)
Florida	3.9	2.7
East South Central Div.	3.4	2.3
Tennessee	1.6	1.3
West South Central Div.	5.0	6.0
Texas	3.8	4.6
West Region	7.9	10.0
Pacific Div.	7.0	(D)
Washington	1.1	(D)
California	5.6	7.9
BEDSPRINGS (25153)		
United States	177.9	157.3
Northeast Region	41.5	41.4
New England Div.	9.0	9.8
Massachusetts	5.5	6.4
Connecticut	3.5	3.2
Middle Atlantic Div.	32.5	31.6
New York	11.0	10.7
New Jersey	12.8	13.2
Pennsylvania	8.8	7.7
North Central Region	55.9	49.5
East North Central Div.	41.0	36.0
Ohio	16.5	14.1
Indiana	7.8	6.1
Illinois	13.5	11.3
Michigan	BB	3.2
West North Central Div.	14.9	13.5
Minnesota	BB	3.2
Missouri	5.4	5.3
Nebraska	AA	1.2
Kansas	3.7	(1)
BEDSPRINGS (25153)--Con.		
South Region	51.0	39.5
South Atlantic Div.	25.9	21.5
Maryland	3.3	1.8
Virginia	2.1	1.6
North Carolina	6.1	4.4
Georgia	8.5	6.7
Florida	5.0	5.1
East South Central Div.	10.8	6.8
Kentucky	1.2	(D)
Tennessee	7.1	4.2
Alabama	1.6	1.2
West South Central Div.	14.2	11.2
Texas	12.5	9.5
West Region	29.5	26.8
Mountain Div.	3.2	3.6
Colorado	1.7	1.7
Pacific Div.	26.3	23.2
Washington	3.1	2.0
Oregon	AA	(D)
California	20.8	19.5
CONVERTIBLE SOFAS (25154)		
United States	103.1	82.3
Northeast Region	24.1	22.3
New England Div.	6.2	5.6
Connecticut	CC	(1)
Middle Atlantic Div.	17.9	16.7
New York	4.0	5.4
New Jersey	11.1	9.6
Pennsylvania	2.8	1.6
North Central Region	27.4	20.2
East North Central Div.	17.0	13.7
Ohio	4.4	3.1
Indiana	5.0	4.3
Illinois	6.6	5.2
West North Central Div.	10.3	6.5
Minnesota	1.4	1.4
Iowa	AA	(D)
Missouri	4.5	2.2
Kansas	BB	(1)
South Region	32.6	22.2
South Atlantic Div.	16.4	9.1
Maryland	2.4	(1)
Virginia	AA	(D)
North Carolina	5.4	3.0
Georgia	5.7	3.4
Florida	1.1	(D)
East South Central Div.	6.2	5.1
Tennessee	4.9	4.1
West South Central Div.	10.0	8.0
Arkansas	AA	2.3
Texas	8.1	5.0
West Region	19.0	17.7
Pacific Div.	18.1	(D)
Oregon	AA	(D)
California	15.9	15.3
JACKKNIFE SOFA BEDS AND CHAIR BEDS (25155)		
United States	34.9	38.8
Northeast Region	5.3	6.8
New England Div.	2.4	3.2
Massachusetts	1.6	2.5
Middle Atlantic Div.	2.9	3.6
New Jersey	AA	1.5
Pennsylvania	1.6	1.3
North Central Region	6.2	7.5
East North Central Div.	4.4	5.8
Indiana	2.7	2.9
West North Central Div.	1.8	1.7
Kansas	AA	(D)
South Region	19.7	18.6
South Atlantic Div.	9.0	7.3
North Carolina	2.7	3.7
South Carolina	AA	(D)
Georgia	2.6	2.0
Florida	AA	(D)
East South Central Div.	5.5	3.7
Tennessee	4.2	(D)
West South Central Div.	5.2	7.6
Arkansas	AA	2.7
Texas	3.1	4.8
West Region	3.8	5.9
Pacific Div.	3.3	(D)
Oregon	AA	1.2
California	1.9	3.3
STUDIO COUCHES (25156)		
United States	15.0	17.6
Northeast Region	3.2	(NA)
Middle Atlantic Div.	2.6	(NA)
New Jersey	1.9	(NA)
North Central Region	4.1	(NA)
East North Central Div.	AA	(NA)
West North Central Div.	BB	(NA)
Kansas	AA	(NA)
South Region	3.3	(NA)
East South Central Div.	AA	(NA)
Mississippi	AA	(NA)
West Region	4.5	(NA)
Pacific Div.	BB	(NA)
California	BB	(NA)

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2511-	Wood household furniture.....Million dollars..	2,300.1	2,262.2	2,063.7	1,911.3	1,759.3	1,304.8	1,112.7	892.3
25111	Radio, phonograph, and television wood cabinets:								
	Quantity.....1,000 units..	[2]8,544	9,986	8,448	7,089	7,104	5,225	5,486	(NA)
	Value.....Million dollars..	[2]257.8	283.3	207.4	158.5	158.4	114.0	102.8	102.3
25112	Wood living room, library, sunroom, hall furniture.....do....	395.4	389.2	365.2	351.4	315.4	222.4	212.1	166.9
25113	Wood dining room, kitchen furniture (except cabinets).....do....	375.7	362.2	320.4	297.0	272.3	166.6	158.5	112.6
25114	Kitchen cabinets, wood.....do....	250.8	334.8	311.5	279.0	250.1	190.0	[3]113.0	[3]54.2
25115	Wood bedroom furniture.....do....	694.7	729.8	696.5	642.7	578.2	457.2	390.7	345.0
25116	Infants' and children's wood furniture.....do....	44.5	50.1	47.9	44.8	43.5	46.9	52.4	49.7
25117	Wood outdoor and unpainted furniture.....do....	63.8	63.0	59.6	57.5	51.2	52.9	44.5	25.5
25110	Wood household furniture, exc. upholstered, n.s.k.....do....	217.4	(49.8)	(55.3)	80.4	90.2	54.8	38.6	36.2
2512-	Upholstered household furniture.....do....	1,215.5	1,248.4	1,153.2	1,026.9	959.0	758.9	559.2	359.8
25121	Upholstered wood household furniture.....do....	1,053.1	1,154.4	1,061.5	930.3	865.5	679.0	508.0	331.3
25126	Wood frames for household furniture.....do....	52.4	76.5	69.8	61.0	53.4	36.5	31.2	14.3
25120	Upholstered wood household furniture, n.s.k.....do....	110.0	(17.4)	(21.9)	35.6	40.1	43.5	20.0	14.2
2514-	Metal household furniture.....do....	587.8	567.4	541.1	546.5	507.7	479.0	416.2	218.2
25141	Metal household dining and breakfast furniture.....do....	163.1	174.3	161.0	155.8	141.2	138.0	127.0	59.8
25142	Metal kitchen furniture.....do....	56.5	69.4	64.2	67.6	62.8	89.7	114.8	85.6
25143	Metal porch, lawn, and outdoor furniture.....do....	109.7	108.6	108.0	108.6	101.3	91.4	54.9	17.7
25144	Other metal household furniture.....do....	208.0	210.2	201.5	198.8	184.0	140.5	106.9	55.1
25140	Metal household furniture, n.s.k.....do....	50.5	(4.9)	(6.5)	15.8	18.5	19.4	12.5	-
2515-	Mattresses and bedsprings.....do....	709.6	691.0	674.6	629.8	608.7	569.3	517.0	328.9
25151	Innerspring mattresses, other than crib size[4].....do....	[4]240.2	[4]273.3	[4]266.2	[4]245.8	[4]234.1	[4]214.3	[4]182.5	[4]141.6
25152	Other mattresses, including crib mattresses[4].....do....	[4]57.6	[4]50.8	[4]50.0	[4]52.3	[4]50.2	[4]36.7	[4]58.4	[4]35.8
25153	Bedsprings.....do....	177.9	192.3	182.7	166.9	157.3	146.1	[5]132.6	77.0
25154	Convertible sofas:								
	Quantity.....Thousands..	[2]669.4	854.1	751.4	637.6	645.2	686.6	(NA)	
	Value.....Million dollars..	[2]103.1	95.4	92.5	85.1	82.3	76.3	73.7	
25155	Jackknife sofa beds and chair beds:								
	Quantity.....Thousands..	[2]698.5	765.5	761.3	742.9	770.8	1,074.0	(NA)	[6]59.3
	Value.....Million dollars..	[2]34.9	40.3	39.4	37.8	38.8	54.3	38.6	
25156	Studio couches:								
	Quantity.....Thousands..	[2]233.1	297.1	299.5	300.1	322.0	344.0	(NA)	
	Value.....Million dollars..	[2]15.0	17.5	17.5	(14.9)	17.6	17.3	18.7	
25150	Mattresses and bedsprings, n.s.k.....do....	80.9	(21.2)	26.2	26.9	28.4	24.2	12.4	15.2
25190	Household furniture, n.e.c.....do....	79.0	70.9	65.1	51.9	46.9	35.3	21.7	16.3

Standard Notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

[2]Because some small producers reported values only for these product classes, estimates for quantities are included for these values as follows:

Product class	Percent of total value for which quantity was estimated
25111	1.7
25154	0.6
25155	2.0
25156	-

[3]Direct comparisons of 1954-1947 data are not possible since shipments reported for this product class in 1947 were restricted to assembled cabinets and other cabinets (not to be built-in). In 1947 shipments of unassembled cabinets and cabinets to be combined with other units to form a built-in unit were treated as products primary to the millwork industry, code 24314.

[4]In 1967, innerspring mattresses for cribs and spring cushions were included with product class 25152, "Other Mattresses, Including Crib Mattresses." For 1966 and prior years, these items were included with product class 25151, "Innerspring Mattresses, Other Than Crib Size." Thus, totals for these product classes for 1967 are not comparable for 1966 and prior years.

[5]Includes an estimated overstatement, for value of shipments of $12 million resulting from the erroneous classification of bedspring components and industrial springs as bedsprings by a limited number of establishments.

[6]Includes value of shipments only, quantity totals are not available for 1947 for these product classes.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2511.--WOOD HOUSEHOLD FURNITURE					
	Materials, parts, containers, and supplies, total	Million bd. ft.	(X)	1,020.8	(X)	799.2
242101	Hardwood lumber, rough and dressed	...do	e1,192.5	186.9	1,167.7	162.4
242103	Softwood lumber, rough and dressed	...do	e275.2	32.7	252.1	25.2
243250	Hardwood veneer	Million sq. ft.	1,030.2	54.7	1,178.0	50.0
	Hardwood plywood other than container type:					
243211	Veneer core	...do	(NA)	62.8	244.2	46.2
243213	Lumber core, including particleboard core	...do	(NA)	31.1	67.6	21.2
243203	Softwood plywood	...do	e113.2	15.6	78.0	11.8
249930	Particleboard	Million sq. ft. 3/4" basis	e154.5	21.1	112.7	11.5
242622	Rough surfaced, or semifabricated hardwood furniture dimension and dimension stock	Million bd. ft.	e235.9	86.9	160.5	48.1
251261	Furniture frames, wood		(X)	10.3	(X)	5.3
322150	Mirrors, framed and unframed	Million sq. ft.	(NA)	15.5	20.7	14.1
321101	Flat glass (plate and sheet)	...do	(NA)	4.8	6.8	2.7
285101	Paints, varnishes, lacquers, japans, and enamel	Million gallons	e26.9	53.2	24.3	47.4
342901	Furniture and builders' hardware, including cabinet hardware casters, gliders, handles, hinges, locks, etc		(X)	63.0	(X)	48.4
307931	Plastic laminated sheets		(X)	26.0	(X)	18.0
249960	Hard pressed wood fiberboard	Million sq. ft. 1/8" basis	(NA)	18.7	162.2	9.1
970099	All other materials and components, parts, containers, and supplies consumed		(X)	230.2	(X)	141.8
971000	All other materials, components, parts, containers, and supplies, n.s.k.[1]		(X)	107.1	(X)	136.1
	INDUSTRY 2512.--UPHOLSTERED WOOD FURNITURE					
	Materials, parts containers, and supplies, total		(X)	569.0	(X)	457.6
242101	Hardwood lumber rough and dressed	Million bd. ft.	e397.2	50.4	335.7	35.4
242103	Softwood lumber, rough and dressed	...do	e70.7	7.6	52.0	3.7
242622	Rough, surfaced, or semifabricated hardwood furniture dimension and dimension stock	Million bd. ft.	e50.3	13.1	40.8	8.1
251261	Furniture frames, wood		(X)	60.8	(X)	45.1
	Foam cores for mattresses (excluding topper pads):					
306933	Rubber	1,000 units	(NA)	2.6	(S)	1.3
307922	Polyurethane	...do	(NA)	6.8	(S)	2.0
	Formed and slab stock for pillows, cushions, seating, etc.:					
306931	Rubber	Million lbs	(NA)	26.4	35.8	20.8
307921	Polyurethane	...do	e40.8	23.6	36.8	27.3
229308	Paddings and fillings, except rubber, and plastic foam	...do	(NA)	12.1	(S)	9.4
209131	Cotton linters (net weight)	...do	54.6	9.3	60.4	9.2
348138	Springs, innerspring units, and box spring constructions	1,000 short tons	(NA)	18.3	(S)	18.1
348135	Constructions for dual-purpose sleep furniture		(X)	4.4	(X)	4.5
285110	Paints, varnishes, lacquers, japans, and enamels	Million gal	(NA)	4.6	1.8	3.4
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc		(X)	15.6	(X)	9.3
229508	Coated or laminated fabric (for upholstery)	Million lin. yds.	e18.2	23.9	9.0	13.4
307931	Plastic laminated sheets		(X)	3.7	(X)	4.5
	Woven upholstery fabrics, (excluding ticking and muslin):					
221161	Cotton	Million lin. yds.	(NA)	69.7	20.5	34.2
222103	Other (rayon, nylon, etc.)	...do	e34.3	74.1	45.7	80.5
970099	All other materials and components, containers, and supplies consumed, n.e.c		(X)	87.3	(X)	58.6
971000	All other materials and components, parts, containers, and supplies, n.s.k.[1]		(X)	54.7	(X)	68.8
	INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE					
	Materials, parts, containers, and supplies, total		(X)	292.3	(X)	266.2
	Mill shapes and forms (except castings):					
	Carbon steel:					
331012	Sheet and strip	1,000 short tons	283.2	43.1	235.0	37.6
331019	All other carbon steel mill shapes and forms, including tubing	1,000 short tons	(NA)	24.7	108.4	23.2
331020	Alloy steel (except stainless)	...do	(NA)	3.2	(S)	3.6
331031	Stainless steel	...do	(NA)	3.7	1.5	1.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2514.--METAL HOUSEHOLD FURNITURE					
	Materials, parts, containers, and supplies, total--Con.					
	Aluminum and aluminum-base alloy mill shapes and forms:					
335202	Sheet, plate, and foil	Million lbs	e24.0	9.6	12.9	4.9
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc	...do	(NA)	15.6	31.8	11.2
335209	All other aluminum mill shapes and forms (wire, rolled, rod and bar, powder, welded, tubing, etc.)	...do	e23.3	9.3	32.9	14.8
348138	Springs, innerspring units, and box spring constructions	1,000 short tons	(NA)	1.2	(S)	1.4
285101	Paints, varnishes, lacquers, japans, and enamels	Million gal	(NA)	6.1	1.7	5.3
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc	Million sq. yds	(X)	13.3	(X)	10.1
307911	Unsupported plastic film and sheets, excluding packaging materials	Million sq. yds	(NA)	7.0	(S)	3.8
307931	Plastic laminated sheets		(X)	10.5	(X)	12.1
229508	Coated or laminated fabric for upholstery	Million lin. yds	e13.0	11.4	8.8	9.1
249930	Particleboard	Million sq. ft. 3/4" basis	e55.9	8.3	38.8	6.6
265011	Paperboard boxes and containers, including folding, corrugated and setup boxes		(X)	17.2	(X)	14.8
321101	Flat glass (plate and sheet)	Million sq. ft	(NA)	4.2	5.9	3.5
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c		(X)	82.7	(X)	74.4
971000	All other materials, components, parts, containers, and supplies, n.s.k[1]		(X)	21.3	(X)	28.1
	INDUSTRY 2515.--MATTRESSES AND BEDSPRINGS					
	Materials, parts, containers, and supplies, total		(X)	382.0	(X)	333.9
251261	Furniture frames, wood		(X)	14.0	(X)	10.4
242622	Rough, surfaced or semifabricated hardwood furniture dimension and dimension stock	Million bd. ft	e57.2	5.5	(S)	3.0
	Carbon steel, including wrought iron mill shapes and forms:					
331012	Sheet and strip	1,000 short tons	42.5	8.2	38.5	7.0
331019	All other carbon steel mill shapes and forms, including tubing	...do	20.3	3.7	31.4	6.0
348138	Springs, innerspring units and box spring constructions	...do	e168.8	70.3	164.5	58.8
348135	Constructions for dual-purpose sleep furniture		(X)	5.5	(X)	6.5
	Woven upholstery fabrics, excluding ticking and muslin:					
221161	Cotton	Million lin. yds	e9.4	12.3	8.1	10.9
222103	Other (rayon, nylon, etc.)	Million lin. yds	e5.2	6.8	4.8	7.4
221141	Ticking (mattress)	...do	e97.8	53.3	91.1	46.2
209131	Cotton linters (net weight)	Million lbs	e246.3	21.1	240.0	18.3
229308	Paddings and fillings, except rubber and plastic foam	...do	e106.3	17.3	112.1	18.0
	Foam cores for mattresses, excluding topper pads:					
306933	Rubber	1,000 units	e576.8	13.6	444.4	10.6
307922	Polyurethane	...do	(NA)	12.0	970.7	9.1
229508	Coated or laminated fabric for upholstery	Million lin. yds	e1.8	1.7		
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c		(X)	88.6	(X)	67.2
970000	All other materials and components, parts, containers, and supplies, n.s.k[1]		(X)	48.0	(X)	54.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. eOver 30 percent of the data for this line was estimated.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Wood household furniture (SIC 2511)
	Cost of purchased fuels and electric energy, total....	Million dollars.	21.2
121005	Cost of purchased fuels, total.....	...do.....	6.3
121005	Coal (anthracite, bituminous, and lignite):.....		
	Quantity.....	1,000 short tons	198.1
	Cost.....	Million dollars.	1.7
	Fuel oil, total:		
	Quantity.....	1,000 barrels...	251.0
	Cost.....	Million dollars.	1.1
291141	Distillate:		
	Quantity.....	1,000 barrels...	102.9
	Cost.....	Million dollars.	.5
291151	Residual:		
	Quantity.....	1,000 barrels...	148.1
	Cost.....	Million dollars.	.6
131300	Gas (natural, manufactured mixed, blast-furance, coke-oven, and other gas):		
	Quantity.....	Million cu. ft..	1,699.4
	Cost.....	Million dollars.	1.1
96001	Other fuels (gasoline, LPG, wood, etc.....	...do.....	.3
	Fuels, n.s.k.....	...do.....	2.2
	Purchased electric energy:		
	Quantity.....	Million kw.-hrs.	1,049.1
	Cost.....	Million dollars.	14.9
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	46.4
	Total energy used for heat and power[1].....	Million kw.-hrs. equivalent.....	4,758.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.
(D) Withheld to avoid disclosing figures for individual companies.
[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	
2511	WOOD HOUSEHOLD FURNITURE											2511
	ENTIRE INDUSTRY	3 084	157.4	738.1	139.7	283.9	582.8	1 322.0	1 132.3	2 438.9	74.0	2511
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	2 978	146.2	682.9	130.2	264.7	540.9	1 225.0	1 054.2	2 264.6	69.6	2511
25111	RADIO, PHONOGRAPH, AND TELEVISION WOOD CABINETS											2511
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	109	21.7	101.0	19.1	37.2	78.6	155.2	127.8	283.8	13.7	2511
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	93	19.2	88.4	16.8	32.8	68.8	135.9	112.2	248.1	12.6	2511
25112	WOOD LIVING RM., LIBRARY, SUNROOM, HALL FURNITURE											2511
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	252	23.1	107.2	20.4	41.6	84.7	196.8	147.6	341.9	9.3	2511
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	192	16.1	72.5	14.3	29.2	57.6	125.8	109.6	233.9	7.3	2511
25113	WOOD DINING ROOM, KITCHEN FURN. (EXC. CABINETS)											2511
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	154	21.9	101.0	19.7	40.4	81.3	190.9	158.9	344.0	14.7	2511
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	82	8.9	39.5	8.0	16.4	31.7	75.7	86.6	159.8	4.5	2511
25114	KITCHEN CABINETS, WOOD											2511
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	266	15.3	83.5	12.8	25.7	63.7	141.2	115.1	253.2	7.8	2511
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	229	13.7	75.0	11.5	23.1	57.4	127.6	105.0	229.8	7.1	2511
25115	WOOD BEDROOM FURNITURE											2511
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	239	54.2	250.7	48.6	102.3	200.6	465.4	420.3	881.1	22.2	2511
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	151	27.0	121.9	24.2	51.6	97.2	230.0	221.5	449.9	10.6	2511
25116	INFANTS' AND CHILDREN'S WOOD FURNITURE											2511
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	38	2.9	12.2	2.5	4.9	9.1	22.8	24.1	46.2	.6	2511
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	31	2.0	8.6	1.8	3.7	6.8	15.5	17.9	33.1	.4	2511
25117	WOOD OUTDOOR AND UNPAINTED FURNITURE											2511
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	74	3.5	14.7	3.2	5.9	11.8	28.6	32.2	60.4	.6	2511
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	64	3.0	12.6	2.7	5.1	10.2	25.1	27.9	52.8	.5	2511
2512	UPHOLSTERED HOUSEHOLD FURNITURE											2512
	ENTIRE INDUSTRY	1 644	75.2	376.2	64.8	125.9	287.0	670.3	600.3	1 266.4	17.1	2512
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1 567	67.6	339.3	58.3	113.3	259.4	606.1	543.2	1 145.9	14.7	2512
25121	UPHOLSTERED WOOD HOUSEHOLD FURNITURE											2512
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	698	63.4	321.9	54.1	105.8	243.4	581.6	526.3	1 103.7	14.6	2512
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	618	55.7	283.9	47.5	93.0	214.9	515.8	467.8	980.1	12.3	2512
25126	WOOD FRAMES FOR HOUSEHOLD FURNITURE											2512
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	129	4.2	19.3	3.8	7.6	16.1	27.9	21.3	49.1	1.0	2512
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	119	3.9	18.2	3.6	7.1	15.2	26.0	19.8	45.7	.9	2512
2514	METAL HOUSEHOLD FURNITURE											2514
	ENTIRE INDUSTRY	486	31.0	155.5	25.8	50.3	109.6	291.3	312.0	605.3	10.1	2514
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	450	26.2	128.8	21.9	42.5	91.2	243.4	260.0	505.7	7.9	2514
25141	METAL HOUSEHOLD DINING AND BREAKFAST FURNITURE											2514
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	73	7.8	41.9	6.4	12.6	29.0	79.0	85.6	164.8	2.4	2514
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	58	6.6	34.7	5.4	10.9	24.4	66.8	72.8	140.0	1.5	2514
25142	METAL KITCHEN FURNITURE											2514
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	37	2.5	13.1	2.0	4.0	9.0	23.3	22.9	46.3	.7	2514
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	31	1.9	10.5	1.6	3.3	7.3	18.3	18.2	36.7	.3	2514
25143	METAL PORCH, LAWN, AND OUTDOOR FURNITURE											2514
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	54	6.7	28.9	5.9	11.5	23.0	49.1	57.2	107.5	1.6	2514
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	40	5.2	20.4	4.6	8.8	16.6	33.8	43.5	79.2	1.3	2514
25144	OTHER METAL HOUSEHOLD FURNITURE											2514
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	91	10.7	55.1	8.7	16.6	36.6	110.7	116.6	227.9	4.2	2514
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	66	5.9	27.7	4.9	9.5	18.3	59.7	62.2	121.3	2.3	2514
2515	MATTRESSES AND BEDSPRINGS											2515
	ENTIRE INDUSTRY	1 013	31.2	171.5	24.4	47.8	110.7	335.5	408.8	745.1	10.3	2515
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	952	24.4	136.2	19.2	37.1	87.4	277.7	339.6	617.7	8.6	2515
25151	INNERSPRING MATTRESSES, OTHER THAN CRIB SIZE											2515
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	270	19.2	113.4	14.6	28.9	72.4	223.1	256.7	480.7	7.2	2515
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	36	.7	4.3	.5	1.0	2.8	7.4	11.6	18.8	.1	2515
25152	OTHER MATTRESSES, INCLUDING CRIB MATTRESSES											2515
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	57	1.6	8.3	1.2	2.4	4.9	18.7	29.0	47.6	.7	2515
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	12	.3	1.3	.2	.5	.9	2.7	3.7	6.4	.2	2515
25153	BEDSPRINGS											2515
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	32	1.9	10.0	1.5	3.0	6.4	18.7	23.1	42.1	.5	2515
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	4	.3	1.4	.2	.4	1.0	2.6	2.7	5.4	(Z)	2515
25154	CONVERTIBLE SOFAS											2515
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	36	2.2	11.4	1.8	3.6	7.4	18.1	25.7	43.7	.4	2515
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	17	1.0	5.1	.8	1.8	3.4	8.8	13.9	22.7	.1	2515
25155	JACKNIFE SOFA BEDS AND CHAIR BEDS											2515
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	27	1.7	7.3	1.4	2.7	5.3	14.9	19.4	34.3	.3	2515
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2515
25156	STUDIO COUCHES											2515
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	9	.5	2.7	.4	.8	1.8	4.8	5.7	10.5	.1	2515
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	4	.3	1.2	.2	.4	.7	2.3	2.9	5.1	(Z)	2515
2519	HOUSEHOLD FURNITURE, NEC											2519
	ENTIRE INDUSTRY	79	3.0	14.8	2.6	5.2	10.9	30.4	24.7	55.3	1.3	2519
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	68	2.1	10.6	1.8	3.6	7.6	22.1	17.1	39.6	1.2	2519

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

TABLE 9. Mattress Shipments By Size: 1967

Mattresses	[1] Quantity (1,000 units)	Value of shipments[2] (million dollars)
SUPERSIZE MATTRESSES, INCLUDING URETHANE, LATEX, INNERSPRING AND ALL OTHER TYPES, TOTAL	1,711.7	67.1
39 inches wide by 80 inches long	402.2	10.4
54 inches wide by 80 inches long	173.3	5.3
60 inches wide by 80 inches long	586.0	23.8
72 inches wide by 84 inches long	197.1	9.1
76 or 78 inches wide by 80 inches or more long	293.8	16.4
Other supersize mattresses not listed above over 54 inches wide or over 75 inches long	59.3	2.1
STANDARD SIZE MATTRESSES, ALL TYPES EXCEPT CRIB SIZE	8,657.4	212.2
TOTAL ALL MATTRESSES, EXCEPT CRIB SIZE[3]	10,369.1	279.3
Total mattresses except crib size as reported in table 6A (sum of product codes 2515115, 2515231, 2515237 and 2515245)	10,659.4	284.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

[1] Quantity was estimated for those establishments which reported value of shipments without quantity. The total quantity estimated was between 5 and 15 percent of total mattress shipments.

[2] Value of shipments. The total value of shipments estimated was between 5 and 15 percent of total mattress shipments.

[3] Totals do not agree with the corresponding totals in table 6A by small amounts because of inconsistencies in reporting.

OFFICE, PUBLIC BUILDING, AND MISCELLANEOUS FURNITURE; OFFICE AND STORE FIXTURES

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2521--Wood Office Furniture
2522--Metal Office Furniture
2531--Public Building and Related Furniture
2541--Wood Partitions, Shelving, Lockers and Office and Store Fixtures
2542--Metal Partitions, Shelving, Lockers and Office and Store Fixtures
2591--Venetian Blinds and Shades
2599--Furniture and Fixtures, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2521--WOOD OFFICE FURNITURE

This industry comprises establishments primarily engaged in manufacturing wood office furniture, whether padded, upholstered or plain. For a detailed list of products of industry 2521, refer to table 6A, product codes 2521011 to 2521098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Wood Office Furniture Industry in 1967 totaled $158.3 million. This included shipments of wood office furniture (primary products), valued at $136.0 million, shipments of other products (secondary products) valued at $16.8 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $5.6 million.

This industry's shipments of wood office furniture (primary products) in 1967 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 90 percent. Secondary products shipped by this industry in 1967 consisted mainly of public building furniture ($6.3 million), wood household furniture ($2.4 million).

Industry 2521 shipments of wood office furniture (primary products) in 1967 represented 86 percent (coverage ratio) of these products valued at $158.1 million shipped by all industries. In 1963, the coverage ratio was 87 percent. Other industries shipping wood

office furniture (primary products) consisted mainly of industry 2512, Upholstered Household Furniture ($5-$10) million; industry 2522, Metal Office Furniture, $3.2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2521, these establishments accounted for approximately 1.7 percent of payroll and 1.8 percent of value added by manufacture.

2522--METAL OFFICE FURNITURE

This industry comprises establishments primarily engaged in manufacturing metal office furniture, whether padded or plain. Establishments primarily engaged in manufacturing safes and vaults are classified in industry 3492. For a detailed list of products of industry 2522, refer to table 6A, product codes 2522111 to 2522498.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Metal Office Furniture Industry in 1967 totaled $622.9 million. This included shipments of metal office furniture (primary products), valued at $517.6 million, shipments of other products (secondary products) valued at $65.8 million, and miscellaneous receipts (sales of products bought and resold without further manufacture) of $39.6 million.

This industry's shipments of metal office furniture (primary products) in 1967 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 87 percent. Secondary products shipped by this industry in 1967 consisted mainly of metal partitions and fixtures ($16.4 million), and safes and vaults ($8.3 million).

Industry 2522 shipments of metal office furniture (primary products) in 1967 represented 88 percent (coverage ratio) of these products valued at $586.1 million shipped by all industries. In 1963, the coverage ratio was 89 percent. Other industries shipping metal office furniture (primary products) consisted mainly of industry 2542, Metal Partitions and Fixtures, $11.5 million; industry 3492, Safes and Vaults, ($10-$20) million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2522, these establishments accounted for approximately .2 percent of payroll and .2 percent of value added by manufacture.

2531--PUBLIC BUILDING AND RELATED FURNITURE

This industry comprises establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches and libraries. Establishments primarily engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft, are included in this industry. Establishments primarily engaged in manufacturing stone furniture are classified in industry 3281; and concrete furniture in industry 3272. For a detailed list of products of industry 2531, refer to table 6A, product codes 2531112 to 2531298.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Public Building Furniture Industry in 1967 totaled $421.2 million. This included shipments of public building furniture (primary

products), valued at $333.2 million, shipments of other products (secondary products) valued at $65.8 million, and miscellaneous receipts (sales of products bought and resold without further manufacture) of $22.2 million.

This industry's shipments of public building furniture (primary products) in 1967 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 88 percent. Secondary products shipped by this industry in 1967 consisted mainly of wood partitions and fixtures ($11.1 million), furniture and fixtures, n.e.c. ($5.1 million).

Industry 2531 shipments of public building furniture (primary products) in 1967 represented 86 percent (coverage ratio) of these products valued at $389.7 million shipped by all industries. In 1963, the coverage ratio was 85 percent. Other industries shipping public building furniture (primary products) consisted mainly of industry 2522, Metal Office Furniture, $6.5 million; industry 2521, Wood Office Furniture, $6.3 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2531, these establishments accounted for approximately 1.4 percent of payroll and 1.5 percent of value added by manufacture.

2541--WOOD PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES

This industry comprises establishments primarily engaged in manufacturing wood shelving, lockers, office and store fixtures, prefabricated partitions, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, showcases, and display cases are classified in industry 3585, and safes and vaults in industry 3492. For a detailed list of products of industry 2541, refer to table 6A, product codes 2541011 to 2541098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Wood Partitions and Fixtures Industry in 1967 totaled $498.6 million. This included shipments of wood partitions and fixtures (primary products), valued at $433.2 million, shipments of other products (secondary products) valued at $31.6 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $33.8 million.

This industry's shipments of wood partitions and fixtures (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent. Secondary products shipped by this industry in 1967 consisted mainly of metal partitions and fixtures ($9.2 million), public building furniture ($4.9 million).

Industry 2541 shipments of wood partitions and fixtures (primary products) in 1967 represented 89 percent (coverage ratio) of these products valued at $484.5 million shipped by all industries. In 1963, the coverage ratio was 89 percent. Other industries shipping wood partitions and fixtures (primary products) consisted mainly of industry 2542, Metal Partitions and Fixtures, $12.1 million; industry 2531, Public Building Furniture, $11.1 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other

Government agencies and the remaining statistics estimated from industry averages. For industry 2541, these establishments accounted for approximately 4.9 percent of payroll and 6.1 percent of value added by manufacture.

2542--METAL PARTITIONS, SHELVING, LOCKERS AND OFFICE AND STORE FIXTURES

This industry comprises establishments primarily engaged in manufacturing metal shelving, lockers, office and store fixtures, prefabricated partitions, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, showcases, and display cases are classified in industry 3585, and safes and vaults in industry 3492. For a detailed list of products of industry 2542, refer to table 6A, product codes 2542013 to 2542098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Metal Partitions and Fixtures Industry in 1967 totaled $512 million. This included shipments of metal partitions and fixtures (primary products), valued at $428.8 million, shipments of other products (secondary products) valued at $50.1 million, and miscellaneous receipts (mainly contract work on materials owned by others) of $33.1 million.

This industry's shipments of metal partitions and fixtures (primary products) in 1967 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 83 percent. Secondary products shipped by this industry in 1967 consisted mainly of wood partitions and fixtures ($12.1 million), metal office furniture ($11.5 million).

Industry 2542 shipments of metal partitions and fixtures (primary products) in 1967 represented 84 percent (coverage ratio) of these products valued at $512.2 million shipped by all industries. In 1963, the coverage ratio was 82 percent. Other industries shipping metal partitions and fixtures (primary products) consisted mainly of industry 2522, Metal Office Furniture, $16.4 million; industry 2541, Wood Partitions and Fixtures, $9.2 million.

As indicated in the introduction, small establishments generally with less then 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2542, these establishments accounted for approximately 1.7 percent of payroll and 1.8 percent of value added by manufacture.

2591--VENETIAN BLINDS AND SHADES

This industry comprises establishments primarily engaged in manufacturing venetian blinds, regardless of the materials used, and shades except canvas shades and awnings (industry 2394). For a detailed list of products of industry 2591, refer to table 6A, product codes 2591112 to 2591298.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Venetian Blind and Shades Industry in 1967 totaled $246.8 million. This included shipments of venetian blinds and shades (primary products), valued at $195.2 million, shipments of other products (secondary products)

valued at $23.2 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $28.4 million.

This industry's shipments of venetian blinds and shades (primary products) in 1967 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 89 percent. Secondary products shipped by this industry in 1967 consisted mainly of sheet metalwork (($5-$10) million), miscellaneous plastics products ($3.2 million).

Industry 2591 shipments of venetian blinds and shades (primary products) in 1967 represented 94 percent (coverage ratio) of these products valued at $207.0 million shipped by all industries. In 1963, the coverage ratio was 90 percent. Other industries shipping venetian blinds and shades (primary products) consisted mainly of industry 2295, Coated Fabrics, Not Rubberized, (over $2 million).

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2591, these establishments accounted for approximately 6.9 percent of payroll and 8.0 percent of value added by manufacture.

2599--FURNITURE AND FIXTURES, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing furniture and fixtures, not elsewhere classified, including furniture especially designed for use in restaurants. For a detailed list of products of industry 2599, refer to table 6A, product codes 2599021 to 2599098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Furniture and Fixtures, N.E.C., Industry in 1967 totaled $179.0 million. This included shipments of furniture and fixtures, n.e.c. (primary products), valued at $144.5 million, shipments of other products (secondary products) valued at $22.5 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $11.9 million.

This industry's shipments of furniture and fixtures, n.e.c. (primary products) in 1967 represented 87 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 86 percent. Secondary products shipped by this industry in 1967 consisted mainly of wood partitions and fixtures ($3.8 million), miscellaneous machinery, except electrical ($2.8 million).

Industry 2599 shipments of furniture and fixtures n.e.c. (primary products) in 1967 represented 75 percent (coverage ratio) of these products valued at $193.8 million shipped by all industries. In 1963, the coverage ratio was 70 percent. Other industries shipping furniture and fixtures, n.e.c. (primary products) consisted mainly of industry 2515, Mattresses and Bedsprings, ($5-$10) million; industry 2514, Metal Household Furniture, $5.2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2599, these establishments accounted for approximately 2.0 percent of payroll and 2.9 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2521.--WOOD OFFICE FURNITURE														
1967 Census....	178	69	8.2	46.4	6.9	14.3	35.6	88.8	71.7	158.3	5.7	27.0	89	86
1966 ASM[1].....	(NA)	(NA)	7.8	42.6	6.6	13.5	31.6	74.6	62.6	136.4	3.5	21.7	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	7.5	38.3	6.3	13.1	28.8	68.1	55.2	122.9	2.2	19.5	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	6.7	32.7	5.7	11.9	25.5	58.7	51.2	109.3	1.3	18.8	(NA)	(NA)
1963 Census....	138	58	6.5	30.6	5.6	11.8	23.7	57.0	45.3	101.5	1.5	17.1	90	87
1962 ASM[1].....	(NA)	(NA)	6.3	29.6	5.4	11.6	23.0	48.6	37.6	85.2	3.2	14.9	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	5.9	27.1	5.0	10.6	20.5	45.3	35.7	80.5	1.7	13.9	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	6.1	26.5	5.2	10.9	20.4	43.5	35.4	78.2	0.6	13.5	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	6.1	26.0	5.3	10.9	20.2	43.2	33.7	76.2	0.9	12.5	(NA)	(NA)
1958 Census[2]...	150	56	5.8	23.5	5.0	10.0	17.6	38.4	29.5	68.4	0.8	11.4	89	82
INDUSTRY 2522.—METAL OFFICE FURNITURE														
1967 Census....	187	120	27.0	178.5	21.1	42.9	125.3	389.3	239.5	622.9	31.5	95.8	89	88
1966 ASM[1].....	(NA)	(NA)	25.8	166.4	20.5	43.0	118.7	353.5	245.4	596.0	19.5	90.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	21.7	134.3	17.1	35.9	93.6	290.5	199.4	493.8	11.7	77.0	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	20.3	119.4	15.8	32.0	84.8	257.1	183.9	436.7	8.9	69.6	(NA)	(NA)
1963 Census....	170	107	19.9	112.1	15.8	31.5	81.4	228.3	160.1	390.0	14.2	67.2	87	89
1962 ASM[1].....	(NA)	(NA)	18.8	101.6	15.0	29.1	74.5	216.8	152.8	362.1	10.7	60.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	17.4	92.0	13.8	27.4	67.2	199.3	130.1	329.3	6.2	54.6	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	18.5	97.3	14.9	29.7	71.8	209.0	137.6	343.4	9.8	57.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	17.7	92.0	14.2	28.0	67.2	200.8	122.2	322.7	5.6	53.6	(NA)	(NA)
1958 Census[2]...	151	88	17.5	86.0	13.9	26.9	62.7	173.7	109.7	286.0	5.3	52.1	89	82
INDUSTRY 2531.--PUBLIC BUILDING FURNITURE														
1967 Census....	438	188	22.6	132.2	17.5	36.3	89.2	233.6	194.7	421.2	10.0	86.4	84	86
1966 ASM[1].....	(NA)	(NA)	18.5	101.4	14.4	30.0	71.3	186.2	164.1	343.5	8.3	67.4	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	17.9	95.6	13.8	29.4	66.1	165.7	153.6	312.8	6.4	61.9	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	16.8	86.6	13.4	27.5	60.3	145.9	142.4	284.4	*7.3	57.2	(NA)	(NA)
1963 Census....	429	164	16.9	83.4	13.3	26.8	57.4	141.8	127.9	268.6	4.4	53.8	88	85
1962 ASM[1].....	(NA)	(NA)	17.9	84.7	14.4	29.5	58.3	149.2	133.8	284.4	4.5	51.5	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	17.2	83.4	14.2	28.4	56.4	134.0	134.1	267.6	*6.4	54.1	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	17.5	78.0	13.7	27.1	53.8	125.2	116.4	239.0	(S)	51.2	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	16.3	69.7	12.7	26.2	49.5	102.2	115.8	215.1	(S)	49.0	(NA)	(NA)
1958 Census[2]...	390	147	16.0	69.3	12.6	25.8	48.4	112.9	98.0	208.4	4.9	45.3	88	86
INDUSTRY 2541.--WOOD PARTITIONS AND FIXTURES														
1967 Census....	1,470	338	25.3	170.7	20.7	40.9	124.1	284.6	214.8	498.6	8.1	56.6	93	89
1966 ASM[1].....	(NA)	(NA)	25.0	161.9	20.4	40.3	119.1	260.8	208.4	462.0	6.9	55.1	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	25.1	153.8	20.3	40.2	114.2	234.7	196.3	426.6	8.8	49.3	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	23.2	139.0	18.6	38.2	101.9	211.4	172.7	389.6	*4.6	46.0	(NA)	(NA)
1963 Census....	1,594	347	24.3	142.5	19.4	40.0	106.3	219.2	172.5	389.6	6.8	46.5	94	89
1962 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census[2]...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
INDUSTRY 2542.--METAL PARTITIONS AND FIXTURES														
1967 Census....	500	188	22.7	152.9	17.0	35.1	96.0	302.5	213.0	512.0	19.9	75.3	90	84
1966 ASM[1].....	(NA)	(NA)	25.5	160.8	19.4	40.1	110.1	303.5	223.0	520.1	9.1	75.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	21.7	138.2	16.2	34.4	91.7	253.0	174.9	422.5	10.9	62.9	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	21.6	128.9	15.7	33.6	85.0	236.8	171.8	403.9	*7.1	61.1	(NA)	(NA)
1963 Census....	513	167	20.3	119.3	14.9	31.7	79.2	214.3	165.7	377.8	8.5	56.8	83	82
1962 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census[2]...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1A. General Statistics: 1958 to 1967–Continued

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 2591.--VENETIAN BLINDS AND SHADES													
1967 Census....	605	61	11.6	62.1	8.6	15.9	37.7	122.3	125.4	246.8	6.5	49.8	89	94
1966 ASM[1].....	(NA)	(NA)	11.7	58.1	8.6	17.0	37.0	113.5	118.9	229.0	4.0	48.0	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	11.7	56.3	8.3	17.4	36.1	111.4	121.0	226.8	3.0	44.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	10.9	52.6	8.2	16.1	35.8	102.1	114.1	215.6	3.1	34.4	(NA)	(NA)
1963 Census....	718	60	10.7	49.6	8.0	15.8	32.5	94.3	105.1	199.6	4.3	34.7	89	90
1962 ASM[1].....	(NA)	(NA)	11.3	49.2	8.1	16.7	31.8	98.1	111.5	211.2	3.6	29.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	11.2	48.0	8.3	16.6	30.0	93.1	109.9	201.7	3.1	32.0	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	12.3	51.3	9.0	17.3	32.0	96.4	113.2	209.2	2.3	35.2	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	11.9	48.2	8.9	17.0	31.3	95.7	118.0	212.5	1.9	34.0	(NA)	(NA)
1958 Census[2]...	850	85	11.3	44.0	8.3	15.5	28.7	84.9	104.4	189.6	3.3	32.2	93	94
	INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.													
1967 Census....	324	119	10.1	59.4	8.4	17.2	44.8	98.9	82.4	179.0	3.5	24.0	87	75
1966 ASM[1].....	(NA)	(NA)	7.9	45.7	6.7	14.0	33.2	81.8	69.3	152.5	2.5	15.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	7.5	40.7	6.4	12.7	29.3	75.3	69.1	143.4	*1.9	14.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	7.6	39.9	6.2	12.6	28.7	66.0	58.4	125.7	*0.8	13.6	(NA)	(NA)
1963 Census....	356	91	7.5	39.6	6.2	12.4	28.8	65.9	55.3	121.6	1.7	14.3	86	70
1962 ASM[1].....	(NA)	(NA)	7.1	37.1	5.9	12.8	27.1	63.2	50.5	113.1	*1.1	11.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	6.5	31.6	5.3	10.8	23.0	53.8	45.3	98.5	0.9	10.9	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	7.2	35.4	5.6	11.6	25.7	58.7	46.0	107.1	*1.2	11.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	7.7	37.5	6.2	12.7	27.7	61.3	53.8	115.8	1.7	14.5	(NA)	(NA)
1958 Census[2]...	259	77	8.0	37.4	6.5	12.7	27.7	60.2	50.6	110.4	2.7	16.7	71	74

Note: In 1967, 1963, and 1958, the number of companies in industry 2521, was 172, 131, and 147, respectively; in industry 2522: 166, 153, and 122; industry 2531: 428, 424, and 384; industry 2541: 1,463, (NA), and (NA); industry 2542: 491, (NA), and (NA); industry 2591: 581, 695, and 822; industry 2599: 317, 354, and 258. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: (NA) Not available. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

*These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2521.--WOOD OFFICE FURNITURE								
1967 Census	5,656	84	2,073	2.48	.45	.75	10,817	52	6.20
1966 ASM	5,466	85	2,025	2.35	.46	.77	9,577	57	5.54
1965 ASM	5,142	84	2,088	2.20	.45	.76	9,137	56	5.19
1964 ASM	4,903	85	2,097	2.13	.47	.77	8,788	56	4.92
1963 Census	4,690	86	2,102	2.00	.45	.75	8,750	54	4.83
1962 ASM	4,703	86	2,137	1.98	.44	.79	7,716	61	4.20
1961 ASM	4,574	85	2,117	1.93	.44	.78	7,635	60	4.25
1960 ASM	4,381	85	2,105	1.88	.45	.79	7,186	61	4.01
1959 ASM	4,229	86	2,051	1.86	.44	.78	7,027	60	3.97
1958 Census	4,040	85	2,019	1.76	.43	.78	6,601	61	3.84
	INDUSTRY 2522.--METAL OFFICE FURNITURE								
1967 Census	6,605	78	2,036	2.92	.38	.67	14,403	46	9.08
1966 ASM	6,440	79	2,103	2.76	.41	.69	13,679	47	8.22
1965 ASM	6,177	78	2,103	2.61	.40	.68	13,359	46	8.10
1964 ASM	5,868	78	2,026	2.65	.42	.69	12,639	46	8.03
1963 Census	5,624	79	2,002	2.58	.41	.70	11,458	49	7.24
1962 ASM	5,404	80	1,939	2.56	.42	.70	11,531	47	7.44
1961 ASM	5,279	79	1,995	2.45	.40	.67	11,432	46	7.26
1960 ASM	5,256	80	1,996	2.42	.40	.68	11,290	47	7.04
1959 ASM	5,192	80	1,970	2.40	.38	.66	11,330	46	7.17
1958 Census	4,923	79	1,942	2.33	.38	.68	9,942	50	6.45
	INDUSTRY 2531.--PUBLIC BUILDING FURNITURE								
1967 Census	5,856	78	2,068	2.46	.46	.78	10,346	57	6.44
1966 ASM	5,481	78	2,079	2.38	.48	.77	10,061	54	6.22
1965 ASM	5,341	77	2,121	2.25	.49	.80	9,258	58	5.64
1964 ASM	5,147	80	2,058	2.19	.50	.81	8,674	59	5.30
1963 Census	4,919	78	2,023	2.14	.48	.79	8,364	59	5.29
1962 ASM	4,737	81	2,045	1.98	.47	.77	8,345	57	5.06
1961 ASM	4,840	82	2,004	1.98	.50	.81	7,775	62	4.72
1960 ASM	4,458	78	1,986	1.98	.49	.81	7,751	62	4.61
1959 ASM	4,425	78	2,069	1.89	.54	.86	6,277	68	3.90
1958 Census	4,347	79	2,041	1.88	.47	.80	7,076	61	4.38
	INDUSTRY 2541.--WOOD PARTITIONS AND FIXTURES								
1967 Census	6,747	82	1,980	3.04	.43	.77	11,244	60	6.96
1966 ASM	6,479	82	1,977	2.95	.45	.80	10,440	62	6.46
1965 ASM	6,134	81	1,982	2.85	.46	.82	9,363	66	5.85
1964 ASM	5,989	80	2,056	2.67	.44	.80	9,105	66	5.54
1963 Census	5,855	80	2,059	2.65	.44	.81	9,004	65	5.47
1962 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	INDUSTRY 2542.--METAL PARTITIONS AND FIXTURES								
1967 Census	6,726	75	2,067	2.73	.42	.71	13,308	51	8.61
1966 ASM	6,299	76	2,071	2.74	.43	.74	11,887	53	7.57
1965 ASM	6,361	75	2,126	2.66	.41	.74	11,645	55	7.35
1964 ASM	5,969	73	2,132	2.53	.43	.74	10,970	54	7.06
1963 Census	5,880	74	2,122	2.50	.44	.75	10,562	56	6.77
1962 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	INDUSTRY 2591.--VENETIAN BLINDS AND SHADES								
1967 Census	5,368	74	1,858	2.37	.51	.76	10,578	51	7.70
1966 ASM	4,962	74	1,972	2.17	.52	.77	9,692	51	6.67
1965 ASM	4,815	71	2,088	2.07	.53	.78	9,531	51	6.41
1964 ASM	4,836	75	1,970	2.22	.53	.77	9,393	51	6.33
1963 Census	4,639	75	1,978	2.06	.53	.78	8,824	53	5.98
1962 ASM	4,355	72	2,055	1.90	.53	.76	8,681	50	5.86
1961 ASM	4,266	73	2,014	1.80	.54	.78	8,283	52	5.60
1960 ASM	4,156	73	1,919	1.84	.54	.79	7,808	53	5.56
1959 ASM	4,059	75	1,897	1.85	.56	.78	8,049	50	5.64
1958 Census	3,892	73	1,871	1.85	.55	.78	7,503	52	5.46

See footnotes at end of table.

TABLE 1B. Selected Operating Ratios: 1958 to 1967–Continued

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2599.--FURNITURE AND FIXTURES. N.E.C.								
1967 Census	5,903	84	2,042	2.61	.46	.79	9,831	60	5.76
1966 ASM	5,818	85	2,104	2.37	.45	.75	10,419	56	5.84
1965 ASM	5,402	85	1,996	2.30	.48	.77	9,982	54	5.91
1964 ASM	5,266	81	2,037	2.29	.46	.78	8,704	60	5.25
1963 Census	5,251	82	2.016	2.32	.45	.78	8,736	60	5.29
1962 ASM	5,224	83	2,180	2.12	.45	.77	8,889	59	4.93
1961 ASM	4,869	81	2,051	2.13	.46	.78	8,277	59	4.96
1960 ASM	4,891	77	2,065	2.22	.43	.76	8,104	60	5.07
1959 ASM	4,857	80	2,062	2.18	.46	.79	7,936	61	4.83
1958 Census	4,687	81	1,959	2.18	.46	.80	7,533	62	4.74

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2521-- WOOD OFFICE FURNITURE													
UNITED STATES	178	69	8.2	46.4	6.9	14.3	35.6	88.8	71.7	158.3	5.7	6.5	57.0
NORTHEAST REGION	57	20	2.3	14.2	1.9	3.8	10.8	24.9	23.3	47.9	.8	2.2	18.7
NEW ENGLAND DIVISION	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	1.5
CONNECTICUT	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
MIDDLE ATLANTIC DIVISION	53	18	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	17.2
NEW YORK	37	12	1.2	8.3	1.0	2.0	6.1	13.7	9.0	22.8	(D)	[2] 1.1	10.1
PENNSYLVANIA	13	6	.8	4.4	.7	1.4	3.6	8.9	11.6	20.2	(D)	[2] (D)	[2] (D)
NORTH CENTRAL REGION	37	21	2.8	16.6	2.3	4.9	12.8	29.6	20.6	49.5	1.6	2.3	20.3
EAST NORTH CENTRAL DIVISION	31	19	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	5	3	.4	2.3	.2	.4	1.4	4.3	2.6	6.8	.1	[2] (D)	[2] (D)
INDIANA	11	11	1.3	7.3	1.1	2.5	5.9	13.4	9.7	23.0	.4	1.1	9.3
MICHIGAN	9	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.0
WEST NORTH CENTRAL DIVISION	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
IOWA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
SOUTH REGION	44	18	2.6	12.3	2.2	4.7	9.5	26.9	24.0	49.8	3.0	1.7	14.6
SOUTH ATLANTIC DIVISION	22	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CAROLINA	10	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	12.1
EAST SOUTH CENTRAL DIVISION	8	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ALABAMA	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST SOUTH CENTRAL DIVISION	14	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	13	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST REGION	40	10	.6	3.4	.5	.9	2.5	7.4	3.7	11.1	.3	.3	3.5
PACIFIC DIVISION	38	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	35	9	.5	32	.4	.8	2.3	6.9	3.5	10.4	.2	[2] (D)	[2] (D)
2522-- METAL OFFICE FURNITURE													
UNITED STATES	187	120	27.0	178.5	21.1	42.9	125.3	389.3	239.5	622.9	31.5	19.9	228.3
NORTHEAST REGION	70	45	10.6	64.3	8.3	17.1	45.6	127.9	84.1	208.8	17.7	8.0	77.1
NEW ENGLAND DIVISION	9	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	5.7
MASSACHUSETTS	4	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
CONNECTICUT	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
MIDDLE ATLANTIC DIVISION	61	41	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7.1	65.3
NEW YORK	36	23	4.4	26.4	3.4	6.9	18.4	56.3	32.8	86.9	(D)	3.7	36.1
NEW JERSEY	9	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
PENNSYLVANIA	16	12	3.3	19.2	2.5	5.3	14.5	34.3	24.9	59.1	1.6	[2] (D)	[2] (D)
NORTH CENTRAL REGION	57	36	11.4	86.7	8.8	17.8	60.5	188.6	111.5	297.8	9.1	9.2	123.6
EAST NORTH CENTRAL DIVISION	44	27	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	12	8	3.5	25.7	2.6	5.0	17.0	55.0	25.3	79.6	.9	3.4	43.2
INDIANA	6	5	.8	5.0	.6	1.2	3.2	9.1	5.8	14.7	.2	.6	7.3
ILLINOIS	13	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
MICHIGAN	8	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	36.3
WISCONSIN	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST NORTH CENTRAL DIVISION	13	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
IOWA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
MISSOURI	5	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
KANSAS	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
SOUTH REGION	26	16	3.1	16.1	2.5	4.9	10.8	45.5	23.7	68.7	2.0	1.5	18.4
SOUTH ATLANTIC DIVISION	14	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	12.4
VIRGINIA	3	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
NORTH CAROLINA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
SOUTH CAROLINA	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
GEORGIA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
EAST SOUTH CENTRAL DIVISION	6	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	5	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST SOUTH CENTRAL DIVISION	6	2	.2	.9	.1	.3	.5	2.8	2.1	4.7	(D)	(D)	(D)
WEST REGION	34	23	1.8	11.4	1.5	3.0	8.5	27.3	20.2	47.6	2.8	1.2	9.8
PACIFIC DIVISION	33	22	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	32	21	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2531-- PUBLIC BUILDING FURNITURE													
UNITED STATES	438	188	22.6	132.2	17.5	36.3	89.2	233.6	194.7	421.2	10.0	16.9	141.8
NORTHEAST REGION	86	32	3.4	19.6	2.7	5.7	14.0	36.7	31.2	67.0	1.9	2.2	18.0
NEW ENGLAND DIVISION	23	7	1.0	5.7	.8	1.6	3.8	10.2	7.9	18.2	1.2	.7	5.1
MAINE	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
CONNECTICUT	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.3
MIDDLE ATLANTIC DIVISION	63	25	2.4	13.9	2.0	4.1	10.2	26.5	23.2	48.8	.6	1.6	12.9
NEW YORK	26	6	.8	5.2	.6	1.3	3.9	12.9	8.8	20.7	.1	.6	5.6
PENNSYLVANIA	31	17	1.5	7.8	1.3	2.6	5.5	12.4	13.3	25.8	.5	.9	7.0
NORTH CENTRAL REGION	146	66	7.8	48.2	5.6	11.6	30.3	85.3	70.1	155.3	4.4	7.5	73.7
EAST NORTH CENTRAL DIVISION	111	52	6.9	42.5	4.9	10.1	26.6	74.3	61.7	136.1	3.5	6.9	67.9
OHIO	25	10	.7	4.4	.6	1.2	3.0	6.8	7.0	13.9	.3	.8	5.9
INDIANA	12	4	.5	2.8	.4	.9	2.1	5.5	4.0	9.2	.1	.6	5.7
ILLINOIS	26	13	.9	5.6	.8	1.5	3.7	8.9	8.1	17.1	.4	1.0	9.6
MICHIGAN	29	14	3.4	23.0	2.1	4.3	13.0	41.6	30.1	72.2	2.1	3.0	32.4
WISCONSIN	19	11	1.3	6.6	1.0	2.1	4.7	11.4	12.5	23.8	.6	1.5	14.3
WEST NORTH CENTRAL DIVISION	35	14	1.0	5.7	.7	1.5	3.8	11.0	8.4	19.2	.9	.6	5.8
MINNESOTA	10	4	.4	2.2	.3	.6	1.3	5.3	3.6	8.7	.3	.2	2.1
KANSAS	8	5	.3	1.7	.2	.5	1.1	2.6	2.1	4.7	.5	.1	.9
SOUTH REGION	127	68	6.9	31.4	5.8	11.7	21.8	59.1	53.9	110.7	2.7	5.5	32.6
SOUTH ATLANTIC DIVISION	44	22	2.3	10.7	2.0	4.1	7.9	17.2	13.6	30.3	.5	2.3	13.0
VIRGINIA	7	4	.2	1.1	.2	.4	.8	1.5	1.2	2.8	(Z)	.5	2.0
NORTH CAROLINA	16	10	1.5	7.0	1.3	2.7	5.2	11.5	9.4	20.3	(D)	1.4	8.6
GEORGIA	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.1
FLORIDA	9	4	.3	1.3	.2	.4	.9	2.0	1.3	3.3	.1	[2] (D)	[2] (D)
EAST SOUTH CENTRAL DIVISION	32	14	.9	3.9	.8	1.6	2.9	8.2	8.6	16.2	.3	.7	4.2
TENNESSEE	15	8	.5	2.0	.4	.7	1.4	4.3	4.9	8.7	(D)	.4	2.3
MISSISSIPPI	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.3
WEST SOUTH CENTRAL DIVISION	51	32	3.7	16.8	3.0	6.0	10.9	33.7	31.7	64.2	1.8	2.5	15.5
ARKANSAS	18	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	5.9
TEXAS	27	17	2.2	10.3	1.9	3.9	6.9	19.8	19.1	38.1	1.4	1.6	9.0
WEST REGION	79	22	4.4	33.0	3.4	7.3	23.1	52.5	39.6	88.2	1.1	1.7	17.4
MOUNTAIN DIVISION	9	3	.2	1.4	.2	.3	1.0	2.1	2.2	4.3	(Z)	(D)	(D)
PACIFIC DIVISION	70	19	4.2	31.6	3.3	7.0	22.1	50.3	37.4	83.9	1.1	(D)	(D)
WASHINGTON	9	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	58	14	3.8	28.9	2.9	6.4	20.2	44.3	33.6	74.1	.8	1.2	13.5
2541-- WOOD PARTITIONS AND FIXTURES													
UNITED STATES	1 470	338	25.3	170.7	20.7	40.9	124.1	284.6	214.8	498.6	8.1	24.3	219.2
NORTHEAST REGION	436	107	8.1	58.0	6.8	13.7	42.9	93.9	66.4	159.6	1.8	8.0	71.4
NEW ENGLAND DIVISION	90	23	1.6	11.8	1.4	2.8	8.7	20.0	11.6	30.5	.3	2.2	16.8
NEW HAMPSHIRE	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
MASSACHUSETTS	51	11	.8	5.5	.7	1.3	4.2	8.8	5.4	14.2	.1	.8	5.8
RHODE ISLAND	14	5	.4	2.6	.3	.6	2.0	5.2	2.5	6.8	(D)	.4	3.0
CONNECTICUT	16	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	3.5
MIDDLE ATLANTIC DIVISION	346	84	6.4	46.2	5.4	10.9	34.1	73.9	54.8	129.1	1.5	5.8	54.6
NEW YORK	212	51	3.8	28.9	3.2	6.4	22.0	49.5	33.8	83.0	1.0	3.6	34.5
NEW JERSEY	59	9	.6	4.3	.5	1.0	3.0	6.4	4.9	11.2	(D)	.7	6.1
PENNSYLVANIA	75	24	2.1	13.0	1.7	3.5	9.1	18.0	16.1	34.8	(D)	1.5	14.0
NORTH CENTRAL REGION	371	92	7.5	49.8	6.0	11.9	35.5	86.2	71.3	157.2	4.0	7.0	62.7
EAST NORTH CENTRAL DIVISION	292	74	6.2	40.8	5.0	9.8	29.1	72.2	59.9	131.2	3.8	4.9	46.4
OHIO	67	18	1.1	8.4	.9	1.7	5.8	14.3	9.1	23.2	.5	1.1	10.0
INDIANA	37	7	.7	3.7	.6	1.1	2.8	5.9	5.2	11.1	.8	.3	2.7
ILLINOIS	85	29	2.2	15.3	1.7	3.5	10.9	26.3	23.8	49.5	1.6	1.9	19.0
MICHIGAN	65	15	1.7	10.6	1.4	2.6	7.3	19.9	16.1	35.8	.7	1.1	11.5
WISCONSIN	38	5	.5	2.9	.5	.9	2.2	5.8	5.7	11.7	.1	.5	3.3
WEST NORTH CENTRAL DIVISION	79	18	1.3	9.0	1.0	2.1	6.4	14.0	11.5	25.9	.2	2.1	16.3
MINNESOTA	24	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.1
MISSOURI	29	11	.6	4.5	.5	.9	3.3	6.5	6.5	13.4	.1	1.0	8.0
NEBRASKA	8	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.0
SOUTH REGION	313	79	5.7	31.8	4.6	9.2	22.6	53.3	44.2	97.0	1.3	4.3	33.5
SOUTH ATLANTIC DIVISION	155	43	2.9	16.6	2.4	4.8	11.8	27.1	21.9	48.6	.7	2.2	16.4
MARYLAND	23	6	.2	1.5	.2	.4	1.2	2.4	1.4	3.8	(D)	.2	2.1
VIRGINIA	17	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.1
NORTH CAROLINA	16	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	3.0
GEORGIA	27	7	.5	2.5	.4	.7	1.9	4.5	3.1	7.4	.1	.3	2.2
FLORIDA	51	15	1.0	5.5	.8	1.5	4.0	9.7	7.2	16.7	.2	.8	5.8
EAST SOUTH CENTRAL DIVISION	48	14	.9	4.8	.7	1.5	3.5	8.6	9.4	17.8	.2	.7	5.3
TENNESSEE	22	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.0
WEST SOUTH CENTRAL DIVISION	110	22	1.9	10.5	1.4	2.9	7.3	17.5	12.9	30.7	.3	1.3	11.8
OKLAHOMA	16	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
TEXAS	75	18	1.4	8.2	1.0	2.1	5.4	12.6	8.6	21.4	.2	1.0	8.9

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2541--WOOD PARTITION AND FIXTURES--CON.													
WEST REGION	350	60	4.0	31.1	3.3	6.1	23.1	51.2	32.9	84.9	1.0	5.1	51.6
MOUNTAIN DIVISION	51	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	5.7
COLORADO	15	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	299	51	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.4	45.9
CALIFORNIA	261	44	3.1	24.7	2.5	4.7	18.2	41.1	26.2	67.9	(D)	4.0	42.2
2542-- METAL PARTITIONS AND FIXTURES													
UNITED STATES	500	188	22.7	152.9	17.0	35.1	96.0	302.5	213.0	512.0	19.9	20.3	214.3
NORTHEAST REGION	206	68	6.6	44.5	5.4	11.0	30.6	83.2	65.1	147.9	9.7	6.3	62.7
NEW ENGLAND DIVISION	24	8	.6	4.1	.5	.9	2.5	6.3	4.7	11.0	.3	.5	3.8
MASSACHUSETTS	14	5	.5	3.2	.4	.7	1.9	4.8	3.5	8.3	.2	.4	3.5
MIDDLE ATLANTIC DIVISION	182	60	6.0	40.5	4.9	10.1	28.1	77.0	60.4	136.9	9.4	5.8	58.9
NEW YORK	127	39	2.9	20.2	2.4	5.0	13.4	34.6	27.1	62.2	.9	3.2	30.0
NEW JERSEY	23	6	.5	3.5	.4	1.0	2.6	6.7	6.9	13.4	.2	.5	4.9
PENNSYLVANIA	32	15	2.5	16.7	2.0	4.1	12.1	35.7	26.4	61.3	8.3	2.2	24.0
NORTH CENTRAL REGION	140	69	11.1	77.1	7.8	15.9	46.1	160.0	96.9	254.3	6.4	10.0	112.7
EAST NORTH CENTRAL DIVISION	113	58	9.3	63.9	6.5	13.0	38.6	134.4	83.6	216.2	5.3	9.2	103.1
OHIO	24	11	3.4	24.2	2.3	4.6	14.6	60.5	29.3	89.4	1.8	3.6	43.7
INDIANA	12	6	.9	5.8	.6	1.2	3.8	10.3	7.4	17.3	.4	1.0	9.7
ILLINOIS	45	25	3.6	24.3	2.6	5.2	14.4	48.6	33.4	79.2	2.7	3.4	36.0
MICHIGAN	25	14	1.4	9.1	1.0	1.8	5.4	14.0	12.6	28.2	.5	1.2	12.9
WEST NORTH CENTRAL DIVISION	27	11	1.8	13.1	1.3	2.9	7.5	25.6	13.2	38.1	1.0	.9	9.6
MINNESOTA	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	13	5	.6	3.7	.4	.9	2.2	5.6	3.3	8.8	.1	.3	2.5
NEBRASKA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	86	30	3.4	19.4	2.7	5.8	11.9	36.6	34.2	70.3	3.2	2.5	21.7
SOUTH ATLANTIC DIVISION[e]	38	10	1.6	9.3	1.1	2.4	4.4	14.6	10.5	24.8	1.8	1.3	10.4
VIRGINIA[e]	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	13	4	.2	1.3	.2	.4	.8	2.0	1.5	3.3	.1	.1	.8
EAST SOUTH CENTRAL DIVISION	20	10	1.1	5.4	.9	2.0	4.2	14.9	17.1	31.7	1.2	.7	8.0
TENNESSEE	7	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	3.3
ALABAMA	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.3
MISSISSIPPI	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	28	10	.8	4.7	.7	1.4	3.3	7.1	6.6	13.8	.3	.4	3.3
OKLAHOMA	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	20	7	.5	3.2	.4	.9	2.2	4.7	4.7	9.5	(D)	.4	2.8
WEST REGION	68	21	1.6	11.8	1.2	2.4	7.5	22.7	16.9	39.5	.7	1.5	20.8
PACIFIC DIVISION	63	20	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	16.5
CALIFORNIA	55	19	1.5	10.9	1.1	2.2	6.9	21.4	16.0	37.3	(D)	1.4	15.6
2591-- VENETIAN BLINDS AND SHADES													
UNITED STATES	605	61	11.6	62.1	8.6	15.9	37.7	122.3	125.4	246.8	6.5	10.7	94.3
NORTHEAST REGION	222	21	3.6	18.0	2.8	5.3	11.9	33.5	36.0	69.2	1.0	3.8	31.6
NEW ENGLAND DIVISION	33	5	1.2	6.3	.9	1.8	4.0	11.6	9.7	20.9	.4	1.1	9.6
RHODE ISLAND	4	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	12	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	189	16	2.3	11.7	1.9	3.5	7.9	21.9	26.4	48.3	.6	2.7	21.9
NEW YORK[e]	126	8	1.1	5.5	.9	1.7	3.8	8.6	10.4	19.5	.1	1.6	14.1
NEW JERSEY	36	4	.5	2.8	.4	.7	1.5	7.6	8.4	15.5	.4	.3	3.7
PENNSYLVANIA	27	4	.8	3.3	.7	1.2	2.6	5.7	7.6	13.4	(Z)	.7	4.1
NORTH CENTRAL REGION	126	23	4.1	25.6	3.0	5.8	14.6	60.1	51.9	109.1	4.1	3.4	38.7
EAST NORTH CENTRAL DIVISION	90	22	3.9	24.7	2.8	5.5	14.1	58.2	49.7	104.9	4.1	3.0	36.4
OHIO	16	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	5.0
ILLINOIS	42	7	1.2	6.6	.9	1.6	3.8	16.6	10.7	25.5	1.0	.9	9.0
MICHIGAN	18	6	1.7	12.3	1.2	2.3	6.8	29.5	25.4	53.4	(D)	[2](D)	[2](D)
WISCONSIN	8	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION[e]	36	1	.2	.9	.2	.3	.6	1.9	2.2	4.2	(Z)	.4	2.3
SOUTH REGION	160	8	3.0	14.1	2.1	3.6	8.5	20.3	28.2	50.8	(D)	2.8	16.8
SOUTH ATLANTIC DIVISION	78	6	2.5	12.2	1.7	2.9	7.1	16.3	22.2	40.9	(D)	2.1	12.5
MARYLAND	6	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	14	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	21	2	.3	1.0	.2	.4	.8	2.1	4.0	6.0	(Z)	.3	2.3
KENTUCKY	4	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION[e]	61	-	.2	.9	.2	.3	.5	2.0	2.0	4.0	(Z)	.3	2.0
TEXAS[e]	46	-	.2	.7	.1	.2	.4	1.6	1.6	3.1	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2591--VENETIAN BLINDS AND SHADES--CON.													
WEST REGION[e]	97	9	.9	4.4	.6	1.2	2.7	8.4	9.3	17.6	(D)	.8	7.3
PACIFIC DIVISION[e]	83	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	6.8
CALIFORNIA[e]	62	8	.7	3.6	.5	1.0	2.2	6.8	7.0	13.8	.1	.6	6.0
2599-- FURNITURE AND FIXTURES, NEC													
UNITED STATES	324	119	10.1	59.4	8.4	17.2	44.8	98.9	82.4	179.0	3.5	7.5	65.9
NORTHEAST REGION	92	39	3.1	18.3	2.6	5.6	14.0	32.6	31.6	62.5	1.3	2.3	22.2
NEW ENGLAND DIVISION	12	8	.6	3.9	.5	1.2	3.1	6.1	3.6	9.7	.5	.5	4.8
MASSACHUSETTS[e]	7	3	.3	2.3	.3	.6	1.9	3.4	1.9	5.4	(D)	.4	4.3
CONNECTICUT	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
MIDDLE ATLANTIC DIVISION	80	31	2.5	14.4	2.1	4.4	10.9	26.5	28.0	52.8	.8	1.9	17.4
NEW YORK	49	19	1.7	10.2	1.5	3.2	8.0	19.3	20.0	37.8	.6	1.1	10.0
NEW JERSEY	12	3	.3	1.5	.2	.4	1.0	2.6	2.5	5.0	.1	.4	3.2
PENNSYLVANIA	19	9	.5	2.6	.4	.8	2.0	4.7	5.5	10.0	.1	.5	4.3
NORTH CENTRAL REGION	88	39	3.6	22.2	2.9	6.0	16.0	34.7	26.8	61.2	.8	2.7	23.8
EAST NORTH CENTRAL DIVISION	63	27	2.7	16.9	2.2	4.4	12.1	25.9	19.3	45.0	.7	(D)	(D)
OHIO	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
ILLINOIS	28	14	1.7	11.3	1.4	3.0	7.9	16.9	12.3	28.9	(D)	1.3	9.8
MICHIGAN	18	8	.5	3.2	.4	.8	2.3	5.1	3.9	9.0	.1	[2] (D)	[2] (D)
WEST NORTH CENTRAL DIVISION	25	12	.9	5.3	.8	1.6	4.0	8.8	7.4	16.2	.1	(D)	(D)
MISSOURI	13	9	.8	4.1	.7	1.3	3.2	7.0	5.9	12.8	(D)	.6	4.6
SOUTH REGION	62	20	2.1	10.8	1.8	3.6	8.5	19.3	13.8	32.5	(D)	1.4	10.0
SOUTH ATLANTIC DIVISION	32	13	1.5	8.1	1.3	2.5	6.4	13.3	10.0	23.1	(D)	.9	6.0
VIRGINIA	6	3	.8	3.9	.7	1.3	3.1	5.8	4.6	10.5	.3	[2] (D)	[2] (D)
GEORGIA	8	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	1.0
FLORIDA	11	3	.3	1.9	.3	.5	1.5	3.1	1.6	4.5	.3	.1	.9
EAST SOUTH CENTRAL DIVISION	10	3	.4	1.7	.3	.7	1.4	4.0	2.7	6.5	.4	.2	1.6
TENNESSEE	7	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.8
WEST SOUTH CENTRAL DIVISION	20	4	.2	1.0	.2	.4	.7	2.0	1.0	2.9	.1	.3	2.4
WEST REGION	82	21	1.2	8.1	1.0	2.0	6.2	12.4	10.3	22.8	(D)	1.0	10.7
PACIFIC DIVISION	74	20	1.1	7.4	.9	1.8	5.6	11.1	9.1	20.3	.3	.9	10.0
CALIFORNIA	59	17	.9	6.4	.8	1.5	4.8	9.5	8.1	17.8	.3	.9	9.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: ~ Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250 to 499 employees
CC - 500 to 999 employees
EE - 1,000 to 2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Wood office furniture (sic 2521)	Metal office furniture (sic 2522)	Public building furniture (sic 2531)	Wood partitions and fixtures (sic 2541)	Metal partitions and fixtures (sic 2542)	Venetian blinds and shades (sic 2591)	Furniture and fixtures, n.e.c. (sic 2599)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.89	.89	.84	.93	.90	.89	.87
COVERAGE RATIO[2]	.86	.88	.86	.89	.84	.94	.75
ESTABLISHMENTS, TOTAL .NUMBER	178	187	438	1 470	500	605	324
WITH 1 TO 19 EMPLOYEES .DO	109	67	250	1 132	312	544	205
WITH 20 TO 99 EMPLOYEES .DO	46	64	136	289	136	44	95
WITH 100 EMPLOYEES OR MORE .DO	23	56	52	49	52	17	24
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	8.2	27.0	22.6	25.3	22.7	11.6	10.1
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	46.4	178.5	132.2	170.7	152.9	62.1	59.4
PRODUCTION WORKERS:							
AVERAGE FOR YEAR 1,000	6.9	21.1	17.5	20.7	17.0	8.6	8.4
MARCH .DO	6.9	21.3	17.3	20.1	16.7	8.2	8.2
MAY .DO	6.9	20.8	17.7	20.5	16.7	8.4	8.2
AUGUST .DO	6.9	21.1	17.5	21.6	17.4	8.9	8.6
NOVEMBER .DO	6.9	21.0	17.6	20.4	17.1	8.7	8.5
MAN-HOURS .MILLIONS	14.3	42.9	36.3	40.9	35.1	15.9	17.2
JANUARY-MARCH .DO	3.6	10.9	8.9	9.9	8.6	4.0	4.1
APRIL-JUNE .DO	3.6	10.9	9.1	10.0	8.9	4.1	4.3
JULY-SEPTEMBER .DO	3.5	10.3	9.3	10.7	8.9	4.0	4.3
OCTOBER-DECEMBER .DO	3.7	10.8	9.0	10.2	8.8	3.9	4.4
WAGES MILLION DOLLARS	35.6	125.3	89.2	124.1	96.0	37.7	44.8
COST OF MATERIALS, ETC., TOTAL .DO	71.7	239.5	194.7	214.8	213.0	125.4	82.4
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	65.6	202.8	173.9	188.3	193.7	104.9	71.5
COST OF RESALES .DO	3.8	28.1	13.2	15.4	8.1	18.0	7.7
FUELS CONSUMED .DO	.4	2.4	1.3	1.5	2.0	.6	.7
PURCHASED ELECTRIC ENERGY .DO	.7	2.9	2.1	2.4	2.5	1.0	1.0
CONTRACT WORK .DO	1.1	3.4	4.2	7.2	6.7	.9	1.6
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	158.3	622.9	421.2	498.6	512.0	246.8	179.0
VALUE OF RESALES .DO	4.5	35.2	16.9	18.6	10.5	25.8	9.1
VALUE ADDED BY MANUFACTURE .DO	88.8	389.3	233.6	284.6	302.5	122.3	98.9
MANUFACTURERS' INVENTORIES:							
BEGINNING OF YEAR, TOTAL .DO	23.8	88.8	77.4	53.4	68.2	48.3	21.3
FINISHED PRODUCTS .DO	4.9	16.8	16.0	12.2	19.5	21.3	5.1
WORK IN PROCESS .DO	8.1	30.2	30.6	21.7	19.1	10.5	7.0
MATERIALS, SUPPLIES, FUEL, ETC. .DO	10.8	41.7	30.8	19.5	29.6	16.6	9.2
END OF YEAR, TOTAL .DO	27.0	95.8	86.4	56.6	75.3	49.8	24.0
FINISHED PRODUCTS .DO	6.2	18.5	18.1	13.0	21.9	23.3	6.6
WORK IN PROCESS .DO	8.9	34.4	35.6	21.6	20.2	9.4	7.8
MATERIALS, SUPPLIES, FUEL, ETC. .DO	11.9	42.9	32.8	22.0	33.2	17.1	9.6
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	5.8	31.8	10.8	9.6	21.8	6.8	3.9
NEW PLANT AND EQUIPMENT, TOTAL .DO	5.7	31.5	10.0	8.1	19.9	6.5	3.5
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	2.8	15.9	4.4	3.8	10.7	2.9	1.0
NEW MACHINERY AND EQUIPMENT .DO	2.9	15.6	5.6	4.3	9.2	3.7	2.5
USED PLANT AND EQUIPMENT .DO	.1	.2	.7	1.0	1.8	(Z)	.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Under $50 thousand.

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
2521-- WOOD OFFICE FURNITURE											
ESTABLISHMENTS, TOTAL	178	8.2	46.4	6.9	14.3	35.6	88.8	71.7	158.3	5.7	27.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	49	.1	.5	.1	.1	.4	1.0	.8	1.8	(Z)	.3
5 TO 9 EMPLOYEES[e]	25	.2	1.0	.2	.3	.8	1.7	1.5	3.2	(Z)	.4
10 TO 19 EMPLOYEES	35	.5	3.1	.4	.8	2.4	5.9	3.5	9.4	.1	.8
20 TO 49 EMPLOYEES	33	1.0	6.3	.9	1.8	4.7	10.7	7.4	18.2	.5	2.6
50 TO 99 EMPLOYEES	13	.8	4.6	.7	1.4	3.8	10.1	6.6	16.5	.2	2.8
100 TO 249 EMPLOYEES	13	1.9	10.8	1.6	3.4	8.4	20.1	14.7	34.3	1.1	6.2
250 TO 499 EMPLOYEES	8	3.7	20.1	3.2	6.5	15.2	39.3	37.2	75.1	3.8	14.0
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	57	.2	.8	.2	.3	.6	1.6	1.3	2.9	(Z)	.5
2522-- METAL OFFICE FURNITURE											
ESTABLISHMENTS, TOTAL	187	27.0	178.5	21.1	42.9	125.3	389.3	239.5	622.9	31.5	95.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	36	.1	.4	.1	.1	.3	.7	.5	1.2	[2]14.6	.2
5 TO 9 EMPLOYEES[e]	13	.1	.5	.1	.1	.4	1.1	.6	1.7	(D)	.2
10 TO 19 EMPLOYEES	18	.3	1.5	.2	.4	1.1	2.3	2.1	4.5	(D)	.5
20 TO 49 EMPLOYEES	32	1.1	5.8	.9	1.7	4.5	14.0	10.3	24.3	(D)	3.0
50 TO 99 EMPLOYEES	32	2.2	12.3	1.8	3.6	8.6	24.8	16.7	41.3	(D)	6.2
100 TO 249 EMPLOYEES	28	4.2	24.4	3.5	7.2	19.0	57.9	44.5	101.0	5.5	16.5
250 TO 499 EMPLOYEES	15	10.6	66.8	8.0	16.1	44.8	156.9	82.1	235.6	4.4	42.4
500 TO 999 EMPLOYEES	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	5	8.5	66.8	6.4	13.6	46.7	131.6	82.6	213.4	7.1	26.9
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	28	.1	.3	.1	.1	.2	.6	.4	1.0	-	.2
2531-- PUBLIC BUILDING FURNITURE											
ESTABLISHMENTS, TOTAL	438	22.6	132.2	17.5	36.3	89.2	233.6	194.7	421.2	10.0	86.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	123	.2	1.0	.2	.3	.7	1.8	1.7	3.5	[2]3.4	.6
5 TO 9 EMPLOYEES[e]	60	.4	2.4	.4	.7	1.6	4.4	4.4	8.8	(D)	1.1
10 TO 19 EMPLOYEES	67	1.0	5.4	.8	1.5	3.9	8.3	6.9	15.2	(D)	2.0
20 TO 49 EMPLOYEES	85	2.7	14.4	2.2	4.3	10.2	24.2	18.9	42.7	(D)	5.6
50 TO 99 EMPLOYEES	51	3.6	20.1	2.9	5.9	13.4	32.5	31.0	63.4	(D)	9.7
100 TO 249 EMPLOYEES	35	5.3	26.5	4.4	9.0	18.7	49.3	49.9	97.8	2.5	16.8
250 TO 499 EMPLOYEES	10	3.2	17.6	2.5	5.2	12.0	38.1	26.5	62.4	1.5	14.0
500 TO 999 EMPLOYEES	5	6.2	44.8	4.3	9.3	28.6	75.2	55.5	127.5	2.5	36.7
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	145	.4	1.8	.4	.6	1.3	3.5	3.2	6.7	(Z)	1.1
2541-- WOOD PARTITIONS AND FIXTURES											
ESTABLISHMENTS, TOTAL	1 470	25.3	170.7	20.7	40.9	124.1	284.6	214.8	498.6	8.1	56.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	668	1.2	7.2	1.2	2.0	5.4	16.1	13.0	29.1	.1	2.4
5 TO 9 EMPLOYEES[e]	244	1.6	11.2	1.4	2.8	8.3	18.5	13.5	31.9	.4	2.5
10 TO 19 EMPLOYEES	220	3.0	20.3	2.4	4.7	14.5	34.1	23.9	57.9	.8	4.5
20 TO 49 EMPLOYEES	217	6.4	43.9	5.1	10.1	32.4	68.9	51.5	120.5	1.4	9.2
50 TO 99 EMPLOYEES	72	5.2	35.1	4.2	8.4	24.6	60.4	48.8	109.7	1.6	11.5
100 TO 249 EMPLOYEES	43	6.2	41.1	5.1	10.3	30.7	69.4	50.3	118.5	2.4	22.2
250 TO 499 EMPLOYEES	6	1.8	11.9	1.3	2.6	8.2	17.1	13.8	30.9	1.3	4.3
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	654	1.5	8.4	1.5	2.4	6.2	17.5	14.3	31.8	.2	2.8
2542-- METAL PARTITIONS AND FIXTURES											
ESTABLISHMENTS, TOTAL	500	22.7	152.9	17.0	35.1	96.0	302.5	213.0	512.0	19.9	75.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	161	.3	1.9	.3	.6	1.3	4.0	3.5	7.5	.7	1.0
5 TO 9 EMPLOYEES[e]	61	.4	2.7	.3	.7	1.7	4.3	4.2	8.5	.2	.8
10 TO 19 EMPLOYEES	90	1.2	7.9	1.0	2.0	5.3	13.4	10.5	23.8	.4	2.2
20 TO 49 EMPLOYEES	79	2.6	17.9	2.0	4.1	11.4	30.6	22.2	52.7	.8	5.8
50 TO 99 EMPLOYEES	57	4.1	26.3	3.3	6.8	17.3	42.9	34.6	77.5	3.5	8.9
100 TO 249 EMPLOYEES	33	5.1	33.3	3.9	8.1	21.5	65.9	53.3	118.4	3.8	20.8
250 TO 499 EMPLOYEES	13	4.2	29.1	2.9	6.0	17.6	62.9	45.3	108.7	2.9	16.7
500 TO 999 EMPLOYEES	5	4.9	33.7	3.3	6.8	20.0	78.5	39.5	115.0	7.6	18.9
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	172	.4	2.6	.4	.8	1.7	5.3	4.4	9.7	.2	1.3

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2591-- VENETIAN BLINDS AND SHADES											
ESTABLISHMENTS, TOTAL	605	11.6	62.1	8.6	15.9	37.7	122.3	125.4	246.8	6.5	49.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	372	.6	2.8	.6	.9	2.0	7.8	8.5	16.4	(Z)	2.3
5 TO 9 EMPLOYEES[e]	103	.7	3.2	.6	1.0	2.0	5.9	6.8	12.7	.1	1.9
10 TO 19 EMPLOYEES	69	1.0	5.0	.6	1.3	2.9	8.9	10.6	19.5	.1	2.4
20 TO 49 EMPLOYEES	32	.9	4.8	.7	1.2	2.7	7.4	9.8	17.4	.2	2.5
50 TO 99 EMPLOYEES	12	.8	4.2	.5	1.1	2.2	9.4	10.1	18.9	.3	2.9
100 TO 249 EMPLOYEES	8	1.5	7.3	1.1	2.3	5.2	15.6	18.7	33.5	.6	8.7
250 TO 499 EMPLOYEES	4	1.2	6.1	.9	1.8	3.8	11.9	14.0	26.7	.5	6.1
500 TO 999 EMPLOYEES	3	5.0	28.7	3.5	6.4	17.0	55.5	46.9	101.7	4.7	22.8
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	415	1.0	4.3	1.0	1.5	3.1	9.8	11.6	21.4	(Z)	3.2
2599-- FURNITURE AND FIXTURES, NEC											
ESTABLISHMENTS, TOTAL	324	10.1	59.4	8.4	17.2	44.8	98.9	82.4	179.0	3.5	24.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	106	.2	1.2	.2	.3	1.0	2.9	2.5	5.4	.1	.5
5 TO 9 EMPLOYEES[e]	39	.3	1.6	.2	.4	1.2	2.6	2.2	4.8	.1	.7
10 TO 19 EMPLOYEES	60	.9	5.5	.7	1.4	4.0	9.7	9.3	19.0	.3	1.6
20 TO 49 EMPLOYEES	66	2.1	13.7	1.8	3.5	10.0	24.2	19.0	42.8	.8	5.4
50 TO 99 EMPLOYEES	29	2.0	11.4	1.7	3.5	8.7	18.7	17.4	35.8	.9	4.9
100 TO 249 EMPLOYEES	18	2.4	13.7	2.0	4.2	10.3	21.8	16.5	37.7	.7	4.5
250 TO 499 EMPLOYEES	6	2.2	12.3	1.8	3.7	9.6	18.8	15.5	33.5	.6	6.4
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	96	.2	1.2	.2	.4	1.0	2.9	2.4	5.2	.1	.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard note: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated.

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments: Total (million dollars) A	Primary products (million dollars) B	Secondary products (million dollars) C	Miscellaneous receipts (million dollars) D	Primary product specialization ratio Col. B / Col. B+C (percent) E	Value of primary product shipments: Total, made in all industries (million dollars) F	Made in this industry (million dollars) G	Made in other industries (million dollars) H	Coverage ratio Col. B / Col. F (percent) I
2521	Wood office furniture.....1967..	158.3	136.0	16.8	5.6	89	158.1	136.0	22.1	86
	1963..	101.5	87.5	9.7	4.4	90	100.4	87.5	12.9	87
2522	Metal office furniture.....1967..	622.9	517.6	65.8	39.6	89	586.1	517.6	68.5	88
	1963..	390.0	317.8	47.0	25.2	87	358.1	317.8	40.3	89
2531	Public building furniture.....1967..	421.2	333.2	65.8	22.2	84	389.7	333.2	56.5	86
	1963..	268.6	223.8	30.8	14.0	88	263.3	223.8	39.5	85
2541	Wood partitions and fixtures.....1967..	498.6	433.2	31.6	33.8	93	484.5	433.3	51.2	89
	1963..	389.6	343.0	23.2	23.5	94	384.5	343.0	41.5	89
2542	Metal partitions and fixtures.....1967..	512.0	428.8	50.1	33.1	90	512.2	428.8	83.4	84
	1963..	377.8	300.1	61.7	16.1	83	367.6	300.1	67.5	82
2591	Venetion blinds and shades.....1967..	246.8	195.2	23.2	28.4	89	207.0	195.2	11.8	94
	1963..	199.6	153.1	18.2	28.2	89	170.8	153.1	17.7	90
2599	Furniture and fixtures, n.e.c.....1967..	179.0	144.5	22.5	11.9	87	193.8	144.5	49.3	75
	1963..	121.6	97.1	16.2	8.3	86	138.0	97.1	41.0	70

Note: See Appendix, Explanation of Terms. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product class code	Class of products and miscellaneous receipts	All industries	Wood office furniture (SIC 2521)	Metal office furniture (SIC 2522)	Public building furniture (SIC 2531)	Wood partitions and fixtures (SIC 2541)	Metal partitions and fixtures (SIC 2542)	Venetian blinds and shades (SIC 2591)	Furniture and fixtures n.e.c. (SIC 2599)	Other industries
	Total shipments and miscellaneous receipts	(X)	158.3	622.9	421.2	498.6	512.0	246.8	179.0	(X)
2521-	Wood office furniture	158.1	136.0	3.2	1.7	1.4	-	-	.7	15.1
2522	Metal office furniture	586.1	1.7	517.6	4.4	-	11.5	-	(under 2)	(50-100)
25221	Metal office furniture	133.6	(under 2)	116.8	3.1	-	(under 2)	-	(under 2)	10.9
25222	Desks	150.6	-	140.7	(under 2)	-	(under 2)	-	-	(5-10)
25223	Cabinets and cases	200.2	-	176.4	(under 2)	-	(under 2)	-	-	21.6
25224	Other metal office furniture, tables, stands, etc	86.7	.5	69.3	.7	-	7.5	-	-	8.7
25220	Metal office furniture n.s.k	14.8	(under 2)	14.4	(under 2)	-	-	-	(under 2)	(under 2)
2531-	Public building furniture	389.7	6.3	6.5	333.2	4.9	2.8	-	2.7	33.3
25311	School furniture, except stone and concrete	158.5	(2-5)	2.2	124.0	1.8	1.1	-	2.3	(20-50)
25312	Public building and related furniture, except school furniture	209.5	(2-5)	4.3	188.0	3.1	1.7	-	.3	(5-10)
25310	Public building furniture n.s.k	21.5	-	-	21.2	-	-	-	-	(under 2)
2541-	Wood partitions and fixtures	484.5	2.1	-	11.1	433.3	12.1	(under 2)	3.8	(20-50)
2542-	Metal partitions and fixtures	512.2	(under 2)	16.4	(2-5)	9.2	428.8	-	1.1	51.1
2591-	Venetian blinds and shades	207.0	-	-	-	-	-	195.2	-	11.8
25911	Window shades and accessories	141.4	-	-	-	-	-	131.4	-	10.0
25912	Venetian blinds	35.0	-	-	-	-	-	33.2	-	1.8
25910	Venetian blinds and shades, n.s.k	30.6	-	-	-	-	-	30.5	-	.1
2599-	Furniture and fixtures, n.e.c	193.8	1.8	(2-5)	5.1	2.1	2.9	-	144.5	(20-50)
	Other product shipments by 4-digit product group									
2431-	Millwork	(X)	-	-	3.3	1.5	-	(under 2)	(under 2)	(X)
2511-	Wood household furniture	(X)	2.4	-	2.0	3.6	-	-	.2	(X)
2514-	Metal household furniture	(X)	-	-	(over 2)	-	-	-	(under 2)	(X)
2752-	Commercial printing, lithographic	(X)	-	(over 2)	-	-	-	-	-	(X)
3079-	Miscellaneous plastics products	(X)	-	(under 2)	.8	(under 2)	(under 2)	3.2	-	(X)
3431-	Metal plumbing fixtures	(X)	-	-	(over 2)	-	(under 2)	-	(under 2)	(X)
3442-	Metal doors, sash, and trim	(X)	-	-	-	-	(2-5)	(under 2)	(under 2)	(X)
3444-	Sheet metalwork	(X)	-	(under 2)	-	(under 2)	2.7	(5-10)	(under 2)	(X)
3446-	Architectural metalwork	(X)	-	-	(over 2)	-	(under 2)	-	(under 2)	(X)
3479-	Metal coating and allied services	(X)	-	-	-	-	-	(over 2)	(under 2)	(X)
3492-	Safes and vaults	(X)	-	8.3	-	-	-	-	-	(X)
3499-	Fabricated metal products, n.e.c	(X)	-	-	(under 2)	-	4.4	(under 2)	-	(X)
3564-	Blowers and fans	(X)	-	-	-	(over 2)	-	-	-	(X)
3573-	Electronic computing equipment	(X)	-	(over 2)	(under 2)	-	-	-	-	(X)
3574-	Calculating and accounting machines	(X)	-	-	-	-	(over 2)	-	2.0	(X)
3579-	Office machines, n.e.c	(X)	-	(over 2)	-	-	-	-	-	(X)
3589-	Service industry machines, n.e.c	(X)	-	-	(over 2)	-	(under 2)	-	(under 2)	(X)
3599-	Miscellaneous machinery, except electrical	(X)	-	(under 2)	-	-	-	-	2.8	(X)
3729-	Aircraft equipment, n.e.c	(X)	-	-	(over 2)	-	-	-	-	(X)
3811-	Engineering and scientific instruments	(X)	-	(over 2)	(under 2)	-	(under 2)	-	-	(X)
3841-	Surgical and medical instruments	(X)	-	(over 2)	(under 2)	-	-	-	-	(X)
3949-	Sporting and athletic goods, n.e.c	(X)	-	-	2.6	(under 2)	(under 2)	-	-	(X)
3962-	Artificial flowers	(X)	-	-	-	-	-	(over 2)	-	(X)
	Other secondary products	(X)	1.0	6.4	7.0	3.1	6.4	5.5	-	(X)
	Miscellaneous receipts	(X)	5.6	39.6	22.2	33.8	33.1	28.4	11.9	(X)
93000	Commission receipts	(X)	.7	.6	1.7	5.4	2.2	.8	2.2	(X)
99989	Resales	(X)	4.5	35.2	16.9	18.6	10.5	25.8	9.1	(X)
99980	Other miscellaneous receipts	(X)	.4	3.8	3.7	9.9	20.3	1.8	.6	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product class code		Class of products and miscellaneous receipts	Other industries
		Listing of the other industries with over $2 million shipments of the primary products	
2521-	2511	Wood household furniture	2.6
2521-	2512	Upholstered household furniture	(5-10)
2522-	1999	Ordnance and accessories, n.e.c	(over 2)
2522-	2514	Metal household furniture	2.1
2522-	2645	Die-cut paper and board	(over 2)
2522-	3452	Bolts, nuts, rivets, and washers	(over 2)
2522-	3492	Safes and vaults	(10-20)
2522-	3729	Aircraft equipment, n.e.c	(over 2)
2522-	3811	Engineering and scientific instruments	(5-10)
2531-	1929	Ammunition, except for small arms, n.e.c	(over 2)
2531-	2511	Wood household furniture	2.8
2531-	2514	Metal household furniture	3.5
2531-	3317	Steel pipe and tubes	(over 2)
2541-	2431	Millwork	4.2
2541-	2511	Wood household furniture	7.5
2541-	2512	Upholstered household furniture	(over 2)
		Listing of the other industries with over $2 million shipments of the primary products--Continued	
2542-	2515	Mattresses and bedsprings	(over 2)
2542-	3444	Sheet metalwork	4.4
2542-	3452	Bolts, nuts, rivets, and washers	(over 2)
2542-	3461	Metal stampings	(2-5)
2542-	3535	Conveyors and conveying equipment	(over 2)
2542-	3573	Electronic computing equipment	(over 2)
2542-	3585	Refrigeration machinery	6.0
2542-	3589	Service industry machines, n.e.c	(over 2)
2542-	3661	Telephone and telegraph apparatus	(over 2)
2591-	2295	Coated fabrics, not rubberized	(over 2)
2599-	2511	Wood household furniture	2.7
2599-	2514	Metal household furniture	5.2
2599-	2515	Mattresses and bedsprings	(5-10)
2599-	3522	Farm machinery	(over 2)
2599-	3841	Surgical and medical instruments	4.9
2599-	3994	Morticians goods	(over 2)

Note: Data shown parenthetically above are expressed in millions of dollars.

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fraction of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2521- --	WOOD OFFICE FURNITURE, TOTAL	.....	(X)	158.1	(X)	100.4
25210 11	Chairs, including upholstered	1,000 units...	1,350.4	55.7	808.5	35.3
25210 21	Sofas, couches, settees, stools, etc., including upholstered (except factory and institutional)	...do.....	e50.6	8.4	43.7	5.1
	Desks (including modular unit desks):					
25210 32	Executive type	...do.....	e136.9	24.7	111.3	15.5
25210 33	Clerical and secretarial with or without typewriter mechanism	...do.....	e175.1	19.2	156.1	15.1
25210 39	Modular service units (except desks) including "L" and "U" returns, desk extensions, stand attachments, platforms, etc	...do.....	e154.9	10.6	107.4	6.1
25210 98	Other wood office furniture, including tables, credenzas, file cabinets, bookcases, storage cabinets, costumers, etc	.....	(X)	27.3	(X)	17.2
25210 00	Wood office furniture, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	9.2	(X)	6.1
25210 02	Wood office furniture, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	2.9	(X)	
2522- --	METAL OFFICE FURNITURE, TOTAL	.....	(X)	586.1	(X)	356.2
25221 --	Metal office furniture, total	.....	(X)	133.6	(X)	73.6
25221 11	Chairs, including upholstered	1,000 units...	e3,744.8	129.1	2,280.8	71.0
25221 51	Sofas, couches, settees, stools, etc., except factory and institutional, including upholstered	...do.....	(NA)	3.0	33.9	2.0
25221 00	Chairs and sofas, n.s.k	.....	(X)	1.5	(X)	0.6
25222 --	Desks	.....	(X)	150.6	(X)	88.3
25222 21	Executive type	1,000 units...	1,380.8	150.1	122.7	13.0
25222 31	Clerical and secretarial with or without typewriter mechanism	...do.....			650.0	71.5
25222 00	Desks, n.s.k	.....	(X)	.5	(X)	3.8
25223 --	Cabinets and cases, total	.....	(X)	200.2	(X)	141.3
	Vertical filing cabinets, noninsulated, nonmechanical, nonvisible; including security files:					
25223 11	Letter	1,000 units...	1,988.8	86.5	1,136.9	54.5
25223 14	Legal	...do.....	503.7	28.7	312.1	22.8
25223 16	Other (card, jumbo, ledger, document, ledger trays, transfer cases, computer tape and microfilm cabinets, etc.)	...do.....	1,280.6	24.1	1,363.9	21.1
25223 19	Mechanical filing equipment (other than visible), letter, legal, card, etc., manually or electrically operated	...do.....	12.2	12.9	6.5	8.8
25223 23	Insulated filing cabinets (except safes including security files, insulated ledger trays and insulated computer tape and microfilm cabinets)	...do.....	70.3	13.4	56.7	11.8
	Visible equipment (other than insulated), including vertical and rotary units:					
25223 24	Nonmechanical (include cabinets, reference panel type, chart boards, book type)	.....	821.2	21.8	(S)	13.0
25223 26	Mechanical (include card size and reference type, manually or electrically operated)	.....	(S)	10.6	(S)	7.2
25223 00	Cabinets and cases, n.s.k	.....	(X)	2.2	(X)	2.2
25224 --	Other metal office furniture, including tables, stands, etc., total	.....	(X)	86.6	(X)	50.2
25224 11	Tables and stands	1,000 units...	e1,085.9	35.3	875.9	30.8
25224 21	Modular service units, (except desks) including "L" and "U" returns, desk extensions, stand attachments, platforms, etc	...do.....	205.7	14.3	33.5	3.2
25224 98	Other metal office furniture, including bookcases, storage cabinets, costumers, etc	.....	(X)	37.0	(X)	16.3
25220 00	Metal office furniture, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	13.8	(X)	2.7
25220 02	Metal office furniture, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	1.0	(X)	

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2531- --	PUBLIC BUILDING FURNITURE, TOTAL	.....	(X)	389.7	(X)	263.3
25311 --	School furniture, except stone and concrete	.....	(X)	158.5	(X)	118.0
	Single pupil units:					
25311 12	Desk seat combination with book box (swivel or fixed seat)	1,000 units	e506.2	9.4	231.8	5.3
25311 15	Desk seat combination without book box (including study top)	...do	e338.6	5.3	291.5	4.2
25311 22	Chair desk	...do	627.1	7.8	929.2	9.1
25311 24	Tablet arm chair	...do	671.9	8.8	344.4	3.5
25311 29	Other single pupil units (including single pupil table desks)	...do	e810.7	10.7	962.9	9.7
25311 33	Two or more pupil desks and tables	...do	e143.1	4.7	210.1	4.9
25311 36	Chairs, all purpose (nonfolding)	...do	e3,207.6	28.3	2,696.2	19.5
25311 38	Combination folding tables and benches	...do	e44.7	4.3	(S)	6.7
25311 37	Storage cabinets	...do	e233.6	20.8	175.6	17.1
25311 39	Other school furniture, designed specifically for use in schools (including tables, teachers' desks, chalk boards, study carrels, etc.)	.....	(X)	51.9	(X)	33.8
25311 00	School furniture, n.s.k	.....	(X)	6.4	(X)	4.4
25312 --	Public building and related furniture, except school furniture	.....	(X)	209.5	(X)	134.2
25312 11	Seats for public conveyances, automobiles, trucks, aircraft and buses	1,000 units	1,201.5	61.4	758.6	33.0
25312 31	Church pews	1,000 lin. ft.	e2,715.4	24.8	2,315.3	21.4
25312 39	Other church furniture (pulpits, altars, lecterns, etc.)	.....	(X)	6.8	(X)	7.3
25312 41	Folding tables, including folding banquet tables	1,000 tables	602.0	15.7	(NA)	(NA)
	Chairs and seats:					
	Theatre and auditorium:					
25312 51	Fixed	1,000 chairs	828.4	19.4	737.9	13.1
25312 55	Portable folding chairs, single or ganged	...do	3,987.8	16.7	3,688.7	13.4
25312 61	Stadium and bleacher seats, including grandstands	.....	(X)	17.0	(X)	13.4
25312 71	Library furniture, all types (including chairs, charging desks, study carrels, reading tables, etc.)	.....	(X)	22.3	(X)	10.5
25312 98	Other public building furniture	.....	(X)	22.6	(X)	14.7
25312 00	Public building furniture, except school, n.s.k	.....	(X)	2.8	(X)	7.3
25310 00	Public building furniture, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	14.8	(X)	11.1
25310 02	Public building furniture, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	6.7		

Product code	Product	Value (million dollars)	
		1967	1963
2541- --	WOOD PARTITIONS AND FIXTURES, TOTAL	484.5	384.5
25410 11	Partitions (prefabricated-assembled or knocked down)	34.9	19.7
25410 15	Shelving and lockers	13.1	6.3
	Store fixtures--retail (except food stores):		
	Custom:		
25410 32	Walls and wall fixtures	73.6	27.1
25410 33	Center floor tables and gondolas	34.1	27.0
25410 34	Other fixtures and displays	24.1	24.5
	Manufacturers standard:		
25410 35	Walls and wall fixtures	15.8	10.5
25410 36	Center floor tables and gondolas	9.6	11.7
25410 37	Other fixtures and displays	10.1	11.1
25410 38	Store fixtures for retail food stores	20.8	17.6
25410 39	Other show and display cases (including wall types) and tables, wood	14.8	20.9
25410 41	Cabinets (floor or wall types), wood	19.0	18.8
25410 61	Counters, except bank counters, wood	6.1	5.3
25410 71	Plastic laminated fixture tops (including drain boards, sink, cabinet, table, counter and fixture tops)	73.3	65.8
25410 81	Bank fixtures, wood, including bank counters	16.2	34.2
25410 98	Window backs, telephone booths, miscellaneous display fixtures, cashier stands, clothing racks, etc.	14.8	
25410 00	Wood partitions and fixtures, n.s.k. (For companies with 10 or more employees. See Note.)	72.3	84.1
25410 02	Wood partitions and fixtures, n.s.k. (For companies with less than 10 employees. See Note.)	31.8	

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Value (million dollars) 1967	Value (million dollars) 1963
2542- --	METAL PARTITIONS AND FIXTURES, TOTAL	512.2	367.6
25420 --	Metal partitions, shelving, lockers, and office and store fixtures:		
	Partitions (prefabricated-assembled or knocked down):		
25420 13	Toilet partitions	24.4	15.6
25420 17	Movable (except free standing)	55.0	45.1
25420 19	Other partitions, including free standing, excluding accordian and folding type doors	8.3	8.8
	Shelving:		
25420 33	Commercial shelving (factories, stores etc.)	101.5	
25420 35	Office shelving for correspondence, computer tapes, microfilm, etc. (including shelf files with or without doors)	13.5	81.9
25420 37	Bookstacks (library, office, and school)	15.4	
25420 39	Other shelving	30.4	
25420 51	Lockers, metal	49.6	32.3
	Store fixtures--retail (except food stores):		
25420 63	Custom	28.3	21.4
25420 65	Manufacturers standard	24.4	30.8
25420 67	Store fixtures--retail food stores	25.0	18.9
25420 69	Show and display cases, including wall types and tables, metal	16.1	9.8
25420 71	Cabinets (floor or wall types) metal	46.0	35.1
25420 81	Counters, except bank counters, metal	5.4	4.5
25420 83	Bank fixtures, metal, including counters	1.9	
25420 98	Window backs, telephone booths, miscellaneous display fixtures, cashier stands, clothing racks, metal bank counters, except ornamental metal work, etc	22.8	36.7
25420 00	Metal partitions and fixtures, n.s.k. (For companies with 10 or more employees. See Note.)	34.8	
25420 02	Metal partitions and fixtures, n.s.k. (For companies with less than 10 employees. See Note.)	9.4	26.6

Product code	Product	Unit of measure	Total shipments including interplant transfers 1967 Quantity	1967 Value (million dollars)	1963 Quantity	1963 Value (million dollars)
2591- --	VENETIAN BLINDS AND SHADES, TOTAL	.....	(X)	207.0	(X)	170.8
25911 --	Window shades and accessories	.....	(X)	141.4	(X)	108.9
25911 12	Window shades, cloth, plastic, paper, etc	Million units..	e29.4	39.7	33.7	31.6
25911 15	Window shade accessories	...do.....	(X)	8.3	(X)	8.1
25911 17	Curtain and drapery rods, poles and fixtures fabricated in this plant	...do.....	(X)	92.8	(X)	63.7
25911 00	Window shades and accessories, n.s.k	...do.....	(X)	0.6	(X)	5.6
25912 --	Venetian blinds	.....	(X)	34.9	(X)	50.4
	Complete venetian blinds, vertical and horizontal:					
25912 12	Steel-slat blinds	...do.....	(NA)	8.6	(S)	13.9
25912 52	Aluminum-slat blinds	...do.....	(NA)	9.5	(S)	9.9
25912 59	All other venetian blinds, including wood, plastic, etc	...do.....	(NA)	0.7	(S)	1.9
25912 71	Unassembled venetian blinds, parts and components fabricated in this plant	...do.....	(X)	9.1	(X)	11.2
25912 98	Other shades and blinds, except canvas, including wood, metal, plastic, chip, bamboo, rattan, reed etc	...do.....	(NA)	6.3	(S)	1.7
25912 00	Venetian blinds, n.s.k	...do.....	(X)	0.7	(X)	11.8
25910 00	Venetian blinds and shades, n.s.k. (For companies with 10 or more employees. See Note.)	...do.....	(X)	9.2	(X)	11.5
25910 02	Venetian blinds and shades, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	21.4		

See footnones at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2599- --	FURNITURE AND FIXTURES, N.E.C., TOTAL	.....	(X)	193.8	(X)	138.0
25990 21	Hospital beds	1,000 units....	e176.2	25.9	143.1	18.9
	Restaurant furniture:					
25990 41	Wood chairs and stools	1,000 units....	e1,244.6	19.6	601.8	10.5
25990 45	Metal chairs and stools	...do.....	e1,127.6	12.5	480.5	6.5
25990 49	Other (tables, booths, tray stands, serving tables, etc.)	.....	(X)	46.5	(X)	41.3
25990 98	Other furniture and fixtures, n.e.c	.....	(X)	73.0	(X)	44.4
25990 00	Furniture and fixtures, n.e.c., n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	11.1	(X)	16.4
25990 02	Furniture and fixtures, n.e.c., n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	5.2		

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 census of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases in the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency review. (Z) Under 50 thousand (or under 50 employees). eFrom 10 to 30 percent of this figure was estimated.

[1]Product and product class statistics are published annually during the intracensal years in Current Industrial Reports Series MA 25HH, Manufacturer's Shipments of Office Furniture.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments 1967	1963
WOOD OFFICE FURNITURE (25210)		
United States	158.1	100.4
Northeast Region	45.9	33.6
New England Div.	4.2	3.6
Massachusetts	1.6	1.2
Connecticut	BB	(1)
Middle Atlantic Div.	41.7	30.0
New York	21.2	16.7
New Jersey	1.7	(D)
Pennsylvania	18.7	(1)
North Central Region	52.8	34.6
East North Central Div.	45.4	(D)
Ohio	6.2	(1)
Indiana	21.2	15.8
Illinois	1.4	(D)
Michigan	11.9	8.4
Wisconsin	4.7	(1)
West North Central Div.	7.4	(D)
Iowa	CC	(1)
South Region	46 1	25.3
South Atlantic Div.	28.2	18.4
North Carolina	26.4	17.5
East South Central Div.	13.6	3.8
Kentucky	BB	(1)
Alabama	CC	(D)
West South Central Div.	4.2	(D)
Texas	4.2	(1)
West Region	13.3	6.9
Pacific Div.	12.6	(D)
California	12.4	6.4
METAL OFFICE FURNITURE (25221)		
United States	133.6	73.6
Northeast Region	18.4	13.4
New England Div.	BB	(D)
Connecticut	BB	(1)
Middle Atlantic Div.	EE	(D)
New York	4.4	1.9
New Jersey	2.2	(1)
Pennsylvania	CC	7.4
North Central Region	82.3	50.3
East North Central Div.	66.7	(D)
Ohio	3.3	8.6
Indiana	12.3	(1)
Illinois	15.4	6.8
Michigan	35.8	17.0
West North Central Div.	15.5	(D)
Missouri	EE	(1)
Kansas	BB	(1)
South Region	24.4	6.1
South Atlantic Div.	16.4	(D)
North Carolina	EE	(D)
South Carolina	AA	(D)
Georgia	AA	(D)
East South Central Div.	CC	(D)
Tennessee	CC	(D)
METAL OFFICE FURNITURE (25221)--Con.		
South Region--Con.		
West South Central Div.	BB	(D)
Texas	BB	(D)
West Region	8.5	3.8
Pacific Div.	CC	3.8
California	CC	3.8
DESKS (25222)		
United States	150.6	88.3
Northeast Region	54.2	33.8
New England Div.	AA	(D)
Middle Atlantic Div.	GG	(D)
New York	18.3	10.8
New Jersey	EE	(1)
Pennsylvania	19.3	16.1
North Central Region	71.4	45.5
East North Central Div.	GG	43.6
Ohio	EE	(1)
Indiana	AA	(D)
Illinois	14.2	9.5
Michigan	FF	(1)
Wisconsin	BB	(1)
West North Central Div.	BB	1.8
Iowa	BB	(1)
South Region	9.2	2.4
South Atlantic Div.	AA	(D)
South Carolina	AA	(D)
East South Central Div.	CC	(D)
Tennessee	CC	(1)
West Region	15.8	6.6
Pacific Div.	15.8	6.6
California	15.8	(1)
CABINETS AND CASES (25223)		
United States	200.2	143.2
Northeast Region	69.6	58.0
New England Div.	CC	5.0
Massachusetts	CC	(1)
Connecticut	AA	(1)
Middle Atlantic Div.	GG	53.0
New York	36.3	32.7
New Jersey	CC	(1)
Pennsylvania	21.1	(1)
North Central Region	90.8	69.5
East North Central Div.	GG	(D)
Ohio	39.8	34.3
Indiana	AA	(D)
Illinois	6.8	8.7
Michigan	FF	(1)
Wisconsin	4.9	3.7
West North Central Div.	CC	(D)
Iowa	CC	(1)
CABINETS AND CASES (25223)--Con.		
South Region	28.5	9.4
South Atlantic Div.	EE	(D)
Delaware	AA	(D)
Virginia	EE	(1)
South Carolina	BB	(1)
Georgia	BB	(1)
East South Central Div.	CC	(D)
Tennessee	CC	(1)
West South Central Div.	AA	(D)
Texas	AA	(D)
West Region	11.3	6.4
Pacific Div.	11.3	6.4
California	EE	(1)
OTHER METAL OFFICE FURNITURE INCLUDING TABLES, STANDS, ETC. (25224)		
United States	86.6	50.3
Northeast Region	34.1	15.7
New England Div.	2.0	(D)
Connecticut	1.6	(D)
Middle Atlantic Div.	32.2	(D)
New York	10.3	5.4
New Jersey	EE	(1)
Pennsylvania	CC	6.6
North Central Region	40.0	25.6
East North Central Div.	31.4	22.1
Ohio	3.4	4.4
Indiana	BB	(1)
Illinois	6.3	(1)
Michigan	13.6	7.9
Wisconsin	CC	3.1
West North Central Div.	8.6	3.5
Iowa	BB	(1)
Missouri	4.2	(1)
Kansas	AA	(D)
South Region	4.6	(D)
South Atlantic Div.	2.6	(D)
East South Central Div.	AA	(D)
Tennessee	AA	(D)
West Region	8.0	(D)
Pacific Div.	CC	(D)
California	7.4	4.0
SCHOOL FURNITURE, EXCEPT STONE AND CONCRETE (25311)		
United States	158.5	118.0
Northeast Region	19.7	12.3
New England Div.	6.8	4.5
New Hampshire	1.5	(D)
Massachusetts	3.6	(1)
Connecticut	AA	2.3

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
SCHOOL FURNITURE, EXCEPT STONE AND CONCRETE (25311)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	12.9	7.8
New York	3.3	1.6
Pennsylvania	8.8	5.2
North Central Region	67.6	58.6
East North Central Div.	58.5	54.3
Ohio	5.2	2.9
Indiana	7.9	7.0
Illinois	11.1	11.4
Michigan	30.3	29.4
Wisconsin	3.9	3.6
West North Central Div.	9.2	4.3
Minnesota	5.3	2.5
Missouri	1.7	(D)
Kansas	2.2	(D)
South Region	51.9	31.7
South Atlantic Div.	10.2	9.1
Maryland	AA	1.1
Virginia	AA	(D)
North Carolina	6.2	6.3
East South Central Div.	10.9	3.4
Tennessee	BB	(1)
Alabama	BB	(D)
Mississippi	BB	(D)
West South Central Div.	30.8	19.2
Arkansas	13.4	(1)
Texas	17.3	12.6
West Region	19.2	15.4
Mountain Div.	1.9	(D)
Utah	1.5	(D)
Pacific Div.	17.3	(D)
Washington	CC	15.4
California	CC	9.9
PUBLIC BUILDING AND RELATED FURNITURE, EXCEPT SCHOOL FURNITURE (25312)		
United States	209.5	134.2
Northeast Region	37.4	23.7
New England Div.	11.7	9.1
Maine	BB	(1)
Connecticut	CC	(1)
Middle Atlantic Div.	25.8	14.6
New York	12.9	6.7
Pennsylvania	EE	7.7
North Central Region	77.3	66.9
East North Central Div.	70.0	62.8
Ohio	8.6	6.8
Indiana	4.2	6.8
Illinois	10.2	10.7
Michigan	29.9	19.9
Wisconsin	17.2	18.6
West North Central Div.	7.3	4.1
Minnesota	BB	(D)
Iowa	BB	(1)
Kansas	BB	(D)
South Region	55.4	31.7
South Atlantic Div.	18.4	14.6
Virginia	1.7	2.7
North Carolina	14.2	9.7
Florida	1.4	1.1
PUBLIC BUILDING AND RELATED FURNITURE, EXCEPT SCHOOL FURNITURE (25312)--Con.		
South Region--Con.		
East South Central Div.	11.9	5.6
Kentucky	AA	(D)
Tennessee	4.6	1.2
Mississippi	5.6	(1)
West South Central Div.	25.1	11.5
Arkansas	9.5	5.3
Texas	14.8	3.3
West Region	39.3	12.0
Mountain Div.	1.5	(D)
Pacific Div.	37.8	(D)
California	36.3	10.5
METAL PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES (25420)		
United States	512.1	367.7
Northeast Region	169.6	113.7
New England Div.	15.1	8.2
New Hampshire	2.4	(D)
Massachusetts	11.1	7.5
Connecticut	1.6	(D)
Middle Atlantic Div.	154.5	105.5
New York	74.1	55.3
New Jersey	16.0	8.7
Pennsylvania	64.4	41.6
North Central Region	227.3	186.5
East North Central Div.	199.4	168.8
Ohio	72.3	63.4
Indiana	14.4	14.3
Illinois	80.2	63.9
Michigan	27.8	25.2
Wisconsin	4.7	2.1
West North Central Div.	27.9	17.7
Minnesota	7.7	(D)
Iowa	AA	(1)
Missouri	8.3	7.5
Nebraska	CC	(1)
Kansas	AA	(D)
South Region	68.9	37.1
South Atlantic Div.	27.0	21.4
Virginia	CC	(1)
West Virginia	BB	2.7
North Carolina	BB	3.1
Georgia	6.5	4.3
Florida	3.4	1.4
East South Central Div.	30.9	11.5
Kentucky	BB	(1)
Tennessee	15.2	5.4
Alabama	5.4	2.3
Mississippi	CC	(1)
West South Central Div.	11.0	4.2
Arkansas	AA	(D)
Oklahoma	AA	(D)
Texas	7.9	3.2
West Region	46.3	30.2
Pacific Div.	45.3	28.9
Oregon	1.1	1.2
California	44.1	27.2
WINDOW SHADES AND ACCESSORIES (25911)		
Unites States	141.4	108.9
Northeast Region	33.2	33.2
New England Div.	17.6	14.1
Rhode Island	BB	(1)
Connecticut	EE	(D)
Middle Atlantic Div.	15.6	19.1
New York	10.9	16.7
New Jersey	2.6	1.2
Pennsylvania	2.1	1.2
North Central Region	84.0	56.6
East North Central Div.	82.9	(D)
Ohio	CC	(1)
Illinois	25.6	17.6
Michigan	41.2	(1)
Wisconsin	CC	(D)
West North Central Div.	1.1	(D)
South Region	20.1	12.9
South Atlantic Div.	EE	(D)
Maryland	EE	(1)
East South Central Div.	CC	(D)
Kentucky	BB	(1)
West Region	4.1	6.4
Pacific Div.	BB	(D)
California	3.4	5.9
VENETIAN BLINDS (25912)		
United States	35.0	50.4
Northeast Region	13.9	19.7
New England Div.	1.1	3.4
Middle Atlantic Div.	12.8	16.3
New York	BB	5.4
New Jersey	CC	5.8
Pennsylvania	4.6	5.1
North Central Region	4.7	(D)
East North Central Div.	4.2	5.1
Illinois	1.1	1.5
Michigan	AA	1.1
Wisconsin	AA	(1)
South Region	9.9	(D)
South Atlantic Div.	8.7	12.3
Maryland	CC	(1)
Virginia	1.5	1.2
West Region	6.5	7.0
Pacific Div.	6.5	(D)
California	CC	5.9
FURNITURE AND FIXTURES, N.E.C. (25990)		
United States	193.8	138.0
Northeast Region	61.8	44.2
New England Div.	12.9	9.4
Massachusetts	4.7	(1)
Connecticut	6.9	4.6

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
FURNITURE AND FIXTURES, N.E.C. (25990)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	48.9	34.8
New York	31.5	19.0
New Jersey	5.8	4.7
Pennsylvania	11.7	11.1
North Central Region	78.3	54.3
East North Central Div.	64.0	43.2
Ohio	4.1	(1)
Indiana	13.8	(1)
Illinois	31.6	18.4
Michigan	10.4	9.4
Wisconsin	4.2	3.9
FURNITURE AND FIXTURES, N.E.C. (25990)--Con.		
North Central Region Region--Con.		
West North Central Div.	14.2	11.1
Minnesota	1.0	(D)
Missouri	12.1	10.2
South Region	33.9	20.3
South Atlantic Div.	22.1	11.2
Maryland	AA	4.9
Virginia	7.6	(1)
North Carolina	BB	(D)
Georgia	6.0	1.8
Florida	4.7	1.8
FURNITURE AND FIXTURES, N.E.C. (25990)--Con.		
South Region--Con.		
East South Central Div.	7.4	3.8
Kentucky	AA	(1)
Tennessee	CC	1.7
West South Central Div.	4.4	5.3
Texas	3.3	2.6
West Region	19.9	19.3
Mountain Div.	2.1	1.2
Colorado	AA	(D)
Pacific Div.	17.7	18.1
Washington	1.1	(D)
Oregon	1.2	(D)
California	15.3	16.9

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
25210	Wood office furniture[2]	158.1	138.6	123.6	109.2	100.4	70.7	52.4	54.3
2522-	Metal office furniture[2]	586.1	571.7	456.6	395.0	358.1	273.3	193.5	120.4
25221	Metal office furniture[2]	133.6	123.0	98.7	85.0	73.6	58.5	33.3	16.7
25222	Desks[2]	150.6	157.7	110.0	99.2	88.3	66.3	44.0	14.1
25223	Cabinets and cases[2]	200.2	200.6	177.1	153.4	143.2	107.3	94.0	76.8
25224	Other metal office furniture, including tables, stands, etc.[2]	86.6	84.9	66.7	55.0	50.3	34.2	21.1	7.6
25220	Metal office furniture, n.s.k.[2]	14.8	(5.5)	4.2	2.3	2.7	7.0	1.0	5.2
2531-	Public building furniture	389.7	340.3	309.3	284.9	263.3	219.9	151.4	64.1
25311	School furniture, except stone and concrete	158.5	152.5	134.1	123.4	118.0	100.4	71.3	35.6
25312	Public building, and related furniture, except school furniture	209.5	178.0	164.3	150.2	134.2	101.3	69.9	22.6
25310	Public building furniture, n.s.k.	21.5	(9.4)	10.9	11.3	11.1	17.2	10.2	5.9
2541-	Partitions and fixtures[3]	996.7	973.0	851.6	769.1	752.1	535.2	395.3	240.5
25410	Wood partitions, shelving, lockers, fixtures[3]	484.5	473.1	411.4	390.6	384.5	(NA)	(NA)	(NA)
25420	Metal partitions, shelving, lockers, fixtures[3]	512.2	499.9	440.2	378.5	367.6	(NA)	(NA)	(NA)
2591-	Venetian blinds and shades	207.0	193.0	188.2	180.3	170.8	166.6	171.8	136.6
25911	Window shades and accessories	141.4	136.4	129.1	118.7	108.9	89.1	69.7	51.2
25912	Venetian blinds	35.0	48.8	48.8	52.6	50.4	53.9	102.1	85.4
25910	Venetian blinds and window shades, n.s.k.	30.6	(7.8)	(10.3)	(9.0)	11.5	23.6	(X)	(X)
25990	Furniture and fixtures, n.e.c.	193.8	179.8	158.5	142.2	138.0	101.9	52.6	45.1

Note: See Appendix, Explanation of Terms. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computed operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures whown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data.

[2] Product and product class statistics are published annually during the Intracensal years in current industrial reports, series MA-25H manufacturers' shipments of office furniture.

[3] Combined in 1958, 1954 and 1947 because of classification problems between wood and metal partitions and fixtures.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2521.--WOOD OFFICE FURNITURE					
	Materials, parts, containers, and supplies, total	.....	(X)	65.6	(X)	40.4
242101	Hardwood lumber, rough and dressed	Million bd. ft...	67.0	12.5	43.5	7.1
242103	Softwood lumber, rough and dressed	...do.....	6.5	0.8	2.0	0.2
243250	Hardwood veneer	Million sq. ft. (surf. meas.)...	59.5	2.8	48.4	2.5
243210	Hardwood plywood	...do.....	16.6	6.5	5.9	2.4
243203	Softwood plywood	Million sq. ft. (3/8" basis)....	(S)	0.8	2.0	0.1
249930	Particleboard	Million sq. ft. (3/4" basis)....	8.0	1.8	2.7	0.7
249960	Hard pressed wood fiberboard	Million sq. ft. (1/8" basis)....	2.0	0.2	0.5	0.1
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc	.....	(X)	8.6	(X)	4.2
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip	1,000 short tons.	9.9	2.8	(NA)	0.1
331019	All other carbon steel mill shapes and forms (including tubing)	...do.....	(S)	1.5	(S)	0.7
285101	Paints, varnishes, lacquers, japans, and enamels	Million gals.....	0.7	1.6	0.5	1.2
307931	Plastic laminated sheets	.....	(X)	2.5	(X)	1.4
229508	Coated or laminated fabric (for upholstery)	Million lin. yds.	0.9	2.3	0.7	1.1
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes	.....	(X)	2.3	(X)	1.5
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c	.....	(X)	15.3	(X)	8.8
971000	Materials, components, parts, containers, and supplies, n.s.k.[1]	.....	(X)	3.3	(X)	8.4
	INDUSTRY 2522.--METAL OFFICE FURNITURE					
	Materials, parts, containers, and supplies, total	.....	(X)	202.8	(X)	136.0
242101	Hardwood lumber, rough and dressed	Million bd. ft..	e6.3	0.8	3.9	0.5
242103	Softwood lumber, rough and dressed	...do.....	e7.9	0.7	1.7	0.2
243250	Hardwood veneer	Million sq. ft. (surf. meas.)..	(NA)	0.5	(S)	0.4
243210	Hardwood plywood	...do.....	e1.7	0.6	1.4	0.5
243203	Softwood plywood	Million sq. ft. (3/8" basis)...	(NA)	0.4	(S)	0.2
249930	Particleboard	Million sq. ft. (3/4" basis)...	e2.4	0.6	0.9	0.2
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc	.....	(X)	22.4	(X)	18.0
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip	1,000 short tons	450.7	71.9	303.3	46.5
331019	All other carbon steel mill shapes and forms (including tubing)	...do.....	e31.3	6.5	20.5	4.5
331020	Alloy steel mill shapes and forms (except stainless)	...do.....	e33.1	3.1	11.4	1.6
331031	Stainless steel mill shapes and forms	...do.....	e0.4	0.6	(S)	0.3
335208	Aluminum and aluminum-base alloy mill shapes and forms	Million lbs.....	e7.9	4.8	4.4	2.6
285101	Paints, varnishes, lacquers, japans, and enamel	Million gals....	e2.6	8.3	1.8	5.8
307931	Plastic laminated sheets	.....	(X)	6.4	(X)	3.1
229508	Coated or laminated fabric (for upholstery)	Million lin. yds	3.3	5.8	1.4	2.5
265011	Paperboard boxes and containers, including folding, corrugated and setup boxes	.....	(X)	13.4	(X)	7.3
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c	.....	(X)	46.7	(X)	31.3
971000	Materials, components, parts, containers, and supplies, n.s.k...	.....	(X)	9.5	(X)	10.5
	INDUSTRY 2531.--PUBLIC BUILDING FURNITURE					
	Materials, parts, containers, and supplies, total	.....	(X)	173.9	(X)	119.0
229508	Coated or laminated fabric (for upholstery)	Mil. lin. yds....	e1.6	4.2	1.7	3.3
242101	Hardwood lumber, rough and dressed	Mil. bd. ft.....	e49.3	11.7	52.6	10.4
242103	Softwood lumber, rough and dressed	...do.....	e18.9	2.7	18.9	2.8
243250	Hardwood veneer	Mil. sq. ft. (sur. meas.)....	e74.8	4.2	78.1	3.5
243210	Hardwood plywood	...do.....	18.1	5.2	13.7	4.3
243203	Softwood plywood	Mil. sq. ft. (3/8" basis)....	e16.8	2.4	15.8	1.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2531.--PUBLIC BUILDING FURNITURE					
	Materials, parts, containers, and supplies--Continued					
249930	Particleboard	Mil. sq. ft. (3/4" basis)	e22.2	3.0	14.8	2.1
249960	Hard pressed wood fiberboard	Mil. sq. ft. (1/8" basis)	e28.9	2.4	13.0	0.9
265011	Paperboard boxes and containers (including folding, corrugated, and set-up)		(X)	4.0	(X)	3.2
285101	Paints, varnishes, lacquers, japans, and enamels	Mil. gals	e1.4	3.3	1.1	3.0
307931	Plastic laminated sheets		(X)	6.9	(X)	3.8
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip	1,000 s. tons	91.3	15.2	70.1	12.3
331019	All other carbon steel mill shapes and forms (including tubing)	...do	e15.1	3.8	24.2	4.6
331020	Alloy steel mill shapes and forms (except stainless)	...do	e3.7	1.3	1.2	0.6
331031	Stainless steel mill shapes and forms	...do	e0.3	0.4	(NA)	0.3
335208	Aluminum and aluminum-base alloy mill shapes and forms	Million lbs	e9.0	5.9	4.8	2.6
342901	Furniture and builder's hardware, including cabinet hardware, casters, gliders		(X)	10.4	(X)	5.9
970099	All other materials and components, parts, containers, and supplies consumed		(X)	67.6	(X)	36.7
976000	Materials, components, parts, containers, and supplies, n.s.k		(X)	19.2	(X)	17.0
	INDUSTRY 2541.--WOOD PARTITIONS AND FIXTURES					
	Materials, parts, containers, and supplies, total		(X)	188.3	(X)	154.5
229508	Coated or laminated fabric (for upholstery)	Mil. lin. yds	(NA)	0.5	(S)	0.3
242101	Hardwood lumber, rough and dressed	Mil. bd. ft	(NA)	10.6	30.1	8.6
242103	Softwood lumber, rough and dressed	...do	28.1	6.5	27.6	4.4
243250	Hardwood veneer	Mil. sq. ft. (surf. meas)	(NA)	3.6	(S)	2.1
243210	Hardwood plywood	...do	e31.6	10.8	45.6	13.4
243203	Softwood plywood	Mil. sq. ft. (3/8" basis)	e60.3	10.2	52.0	8.1
249930	Particleboard	Mil. sq. ft. (3/4" basis)	e72.4	12.3	29.2	5.4
249960	Hard pressed wood fiberboard	Mil. sq. ft. (1/8" basis)	e33.3	3.5	22.2	2.1
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes		(X)	2.2	(X)	1.2
285101	Paints, varnishes, lacquers, japans, and enemels	Mil. gals	e1.9	5.6	1.5	4.4
307931	Plastic laminated sheets		(X)	24.7	(X)	16.7
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip	1,000 short tons	e15.5	2.5	(S)	0.7
331019	All other carbon steel mill shapes and forms, including tubing	...do	e3.9	1.2	3.5	0.8
331020	Alloy steel mill shapes and forms, except stainless	1,000 short tons	(NA)	0.6	2.2	0.6
331031	Stainless steel mill shapes and forms	...do	(NA)	0.7	(S)	1.0
335208	Aluminum and aluminum-base alloy mill shapes and forms	Million lbs	e3.0	1.5	2.5	1.3
342901	Furniture and builders' hardware, including cabinet hardware, gliders, handles, hinges, locks, casters, etc		(X)	13.3	(X)	8.2
970099	All other materials, components, parts, containers, and supplies consumed, n.e.c		(X)	33.0	(X)	23.4
976000	Materials, components, parts, containers, and supplies, n.s.k		(X)	44.8	(X)	51.9

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2542.--METAL PARTITIONS AND FIXTURES					
	Materials, parts, containers, and supplies, total	.....	(X)	193.7	(X)	152.1
229508	Coated or laminated fabric (for upholstery)	Million lin. yds..	(NA)	0.1	(S)	0.2
242101	Hardwood lumber, rough and dressed	Million bd. ft....	6.4	1.3	5.9	0.7
242103	Softwood lumber, rough and dressed	...do.....	7.6	1.3	7.9	1.3
243250	Hardwood veneer	Million sq. ft. (surface measure)	(NA)	0.2	(S)	0.1
243210	Hardwood plywood	...do.....	e3.4	1.0	2.3	0.8
243203	Softwood plywood	Million sq. ft. (3/8" basis).....	(NA)	0.7	5.6	0.8
249930	Particleboard	Million sq. ft. (3/4" basis).....	(NA)	0.8	1.6	0.4
249960	Hard pressed wood fiberboard	Million sq. ft. (1/8" basis).....	(NA)	1.8	18.5	1.5
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes	.....	(X)	6.9	(X)	5.8
285101	Paints, varnishes, lacquers, japans, and enamels	Million gals.....	2.7	9.2	2.2	6.6
307931	Plastic laminated sheets	.....	(NA)	1.6	(X)	0.4
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip	1,000 short tons..	e494.8	82.4	392.9	60.3
331019	All other carbon steel mill shapes and forms, including tubing	...do.....	(NA)	8.4	27.4	5.7
331020	Alloy steel mill shapes and forms, except stainless	1,000 short tons..	(NA)	1.6	7.3	1.1
331031	Stainless steel mill shapes and forms	1,000 short tons..	e1.9	1.8	2.1	2.2
335208	Aluminum and aluminum-base alloy mill shapes and forms	Million lbs.....	(NA)	3.1	5.1	2.5
342901	Furniture and builders' hardware, including cabinet hardware, gliders, handles, hinges, locks, casters, etc	.....	(X)	11.4	(X)	8.5
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	37.5	(X)	32.5
976000	Materials, components, parts, containers, and supplies, n.s.k	.....	(X)	22.4	(X)	20.5
	INDUSTRY 2591.--VENETIAN BLINDS AND SHADES					
	Materials, parts, containers, and supplies, total	.....	(X)	104.9	(X)	82.9
	Mill shapes and forms:					
	Carbon steel (including wrought iron):					
331012	Sheet and strip	1,000 short tons.	86.6	16.8	45.6	8.8
331019	All other carbon steel, including tubing:	...do.....	(NA)	1.0	35.7	6.3
331025	Alloy steel, including stainless	...do.....	(NA)	2.0	(S)	0.6
	Aluminum and aluminum-base alloy					
335202	Sheet, plate, and foil	Million lbs.....	e10.3	3.9	5.6	2.6
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc	...do.....	(NA)	3.5	2.0	1.5
335209	Wire, rolled rod, and bar, powder, welded tubing, extruded shapes, etc.)	...do.....	(NA)	0.5	(S)	1.0
229506	Plastic-coated fabric and shade cloth	million lin. yds.	(NA)	9.3	11.9	6.5
970099	All other materials, components, parts, containers, and supplies consumed, n.e.c	.....	(X)	50.0	(X)	36.3
976000	Materials, components, parts, containers, and supplies, n.s.k	.....	(X)	17.8	(X)	18.9
	INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.					
	Materials, parts, containers, and supplies, total	.....	(X)	71.5	(X)	48.6
229508	Coated or laminated fabric (for upholstery)	Million lin. yds.	e1.3	2.7	0.9	1.5
242101	Hardwood lumber, rough and dressed	Million bd. ft...	e(NA)	4.4	7.7	2.4
242103	Softwood lumber, rough and dressed	...do.....	e12.8	2.3	3.1	0.4
243250	Hardwood veneer	Million sq. ft. (surface measure)	e1.2	0.8	5.0	1.9
243210	Hardwood plywood	...do.....	e11.9	2.6		
243203	Softwood plywood	Million sq. ft. (3/8" basis)....	(NA)	2.2	9.0	1.5
249930	Particleboard	Million sq. ft. (3/4" basis)....	e10.7	1.6	3.5	0.5
249960	Hard pressed wood fiberboard	Million sq. ft. (1/8" basis)....	(NA)	0.4	3.7	0.2
265011	Paperboard boxes and containers, including folding, corrugated, and setup boxes	.....	(X)	1.1	(X)	0.5
285101	Paints, varnishes, lacquers, japans, and enamels	Million gals.....	(NA)	1.6	0.2	0.6
307931	Plastic laminated sheets	.....	(X)	3.8	(X)	2.8

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2599.--FURNITURE AND FIXTURES, N.E.C.--Con.					
	Materials, parts, containers, and supplies--Con.					
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip	1,000 short tons.	e31.5	5.1	13.6	2.3
331019	All other carbon steel mill shapes and forms, including tubing	...do...	e7.8	1.6	10.4	1.8
331020	Alloy steel mill shapes and forms, except stainless	...do...	(NA)	0.3	(S)	0.1
331031	Stainless steel mill shapes and forms	...do...	(NA)	4.5	1.8	2.0
335208	Aluminum and aluminum-base alloy mill shapes and forms	Million lbs...	e1.8	1.3	(S)	1.0
342901	Furniture and builder's hardware, including cabinet hardware, gliders, handles, hinges, locks, casters, etc	...	(X)	3.4		
970099	All other materials, components, parts, containers, and supplies consumed	...	(X)	18.9	(X)	14.5
976000	Materials, components, parts, containers, and supplies, n.s.k.	...	(X)	12.9	(X)	14.6

Note: Detail figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error on the basis of a consistency review. (Z) Under $50 thousand.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization--the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization--the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new
			Number	Payroll	Number	Man-hours	Wages				
		(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2521	WOOD OFFICE FURNITURE										
	ENTIRE INDUSTRY	178	8.2	46.4	6.9	14.3	35.6	88.8	71.7	158.3	5.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	155	6.7	38.1	5.6	11.6	29.3	73.5	60.8	132.6	4.1
2522	METAL OFFICE FURNITURE										
	ENTIRE INDUSTRY	187	27.0	178.5	21.1	42.9	125.3	389.3	239.5	622.9	31.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	167	21.3	139.5	16.9	34.5	100.0	295.2	194.1	486.5	17.4
25221	METAL OFFICE FURNITURE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	33	5.5	33.8	4.2	8.3	21.8	74.4	62.6	136.0	6.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	22	2.3	12.3	1.9	3.8	8.9	28.8	20.8	49.4	4.8
25222	DESKS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	24	9.0	67.8	7.2	15.1	51.0	147.0	85.3	231.7	5.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
25223	CABINETS AND CASES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	43	9.0	57.1	6.7	13.4	37.5	128.1	64.9	189.5	4.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	22	2.1	12.0	1.6	3.1	7.8	27.2	13.1	39.6	.9
25224	OTHER METAL OFFICE FURNITURE, TABLES, STANDS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	28	2.7	16.0	2.3	4.9	12.0	31.1	21.1	51.5	2.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	18	.7	4.0	.6	1.2	3.1	9.7	4.5	14.3	.4
2531	PUBLIC BUILDING FURNITURE										
	ENTIRE INDUSTRY	438	22.6	132.2	17.5	36.3	89.2	233.6	194.7	421.2	10.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	382	15.8	90.5	12.3	25.3	60.5	162.5	141.1	300.3	7.4
25311	SCHOOL FURNITURE, EXCEPT STONE AND CONCRETE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	84	7.1	37.8	5.7	11.4	25.0	73.8	69.3	140.9	3.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	54	3.8	20.5	3.1	6.4	13.8	41.6	42.0	82.3	2.3
25312	PUBLIC BUILDING, RELATED FURNITURE, EXC. SCHOOL										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	146	14.0	87.3	10.5	22.4	59.1	147.7	115.3	258.2	5.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	107	7.0	40.9	5.5	11.7	28.1	69.0	58.3	125.1	2.8
2541	WOOD PARTITIONS AND FIXTURES										
	ENTIRE INDUSTRY	1 470	25.3	170.7	20.7	40.9	124.1	284.6	214.8	498.6	8.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	1 403	22.1	150.9	18.1	35.6	109.9	247.7	181.5	428.5	7.0
2542	METAL PARTITIONS AND FIXTURES										
	ENTIRE INDUSTRY	500	22.7	152.9	17.0	35.1	96.0	302.5	213.0	512.0	19.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	457	19.6	131.1	14.6	30.0	81.8	264.5	188.9	450.4	17.9
2591	VENETIAN BLINDS AND SHADES										
	ENTIRE INDUSTRY	605	11.6	62.1	8.6	15.9	37.7	122.3	125.4	246.8	6.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	589	8.7	47.7	6.5	12.2	28.3	99.5	97.8	194.5	5.0
25911	WINDOW SHADES AND ACCESSORIES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	74	7.6	43.5	5.4	10.2	25.9	88.0	82.4	169.3	5.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	52	5.2	31.1	3.8	7.3	18.2	67.8	59.1	124.1	4.2
25912	VENETIAN BLINDS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	54	2.1	10.2	1.6	3.1	6.4	17.0	21.7	38.8	.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	38	1.1	5.7	.8	1.7	3.7	9.5	11.8	21.3	.5
2599	FURNITURE AND FIXTURES, NEC										
	ENTIRE INDUSTRY	324	10.1	59.4	8.4	17.2	44.8	98.9	82.4	179.0	3.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	285	7.0	41.2	5.9	11.9	30.8	70.8	60.9	130.4	2.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

Paper and Allied Products

26A Pulp, paper, and board mills

26B Converted paper and paperboard products, except containers and boxes

26C Paperboard containers and boxes

This major group includes the manufacture of pulps primarily from wood, and from rags and other cellulose fibers; the conversion of these pulps into paper or board; and the manufacture of paper and paperboard into converted products such as coated paper, paper bags, paperboard boxes, and envelopes. Certain types of converted paper products are classified in other major groups, such as abrasive paper in industry 3291, Abrasive Products, carbon paper in industry 3955, Carbon Paper and Inked Ribbons, and photosensitized and blueprint paper in industry 3861, Photographic Equipment and Supplies.

While there is some overlap in the shipments of products primary to each of the industries in this group, the specialization for this group of industries collectively is very high. Again in 1967 as in 1963, shipments by mills in this group of industries consisted of 99 percent pulp, paper, and board and only 1 percent of other products (chiefly converted paper and board products and basic chemicals produced as a byproduct of the pulp operations). These establishments also accounted for approximately 100 percent of the pulp, paper, and board produced in all manufacturing industries.

There is a high degree of integration between industry 2631, Paperboard Mills, and the various container converting industries, except industries 2652 and 2655, which rely principally on market purchases of paperboard. In industries 2651, 2653, and 2654, a substantial part of the converted paperboard is manufactured and converted by the same company, either at the same location or at separate locations.

The extent of integration between primary mills and converting plants is less marked in the manufacture of other converted paper and paperboard products. Like the manufacturers of paperboard containers and boxes, these converting industries display relatively high specialization and coverage ratios. However, with the exception of industry 2643, Bags, Except Textile Bags, they are composed largely of "independent" or nonintegrated plants; i.e., plants not associated or affiliated with a primary paper or board mill.

TABLE 1. General Statistics: 1967 and Earlier Years

(See Appendix, Explanation of Terms)

Year and item	Establishments		All employees [1]		Production workers			Value added by manufacture [2]	Cost of materials [3]	Value of shipments [3]	Capital expenditures, new [4]
	Total (number)	With 20 employees or more (number)	Total (1 000)	Payroll (million dollars)	Total (1 000)	Man-hours (million dollars)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1967	6 074	3 924	670.7	4 786.7	507.7	1 071.2	3 205.5	9 756.3	11 292.2	20 969.9	1 585.3
1963 [5]	5 904	3 666	613.8	3 746.4	467.8	988.6	2 551.1	7 395.7	9 001.4	16 357.1	708.5
1958	5 442	3 312	573.6	2 920.9	445.1	927.1	2 022.3	5 668.7	(NA)	13 164.4	634.4
1954 [6]	5 004	3 177	540.4	2 286.0	435.7	919.9	1 656.7	4 630.2	(NA)	(NA)	532.7
ADMINISTRATIVE AND AUXILIARY UNITS:											
1967	184	111	31.8	350.5	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1963 [7]	191	114	25.8	238.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958 [7]	183	98	22.3	161.5	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954	(NA)	(NA)	12.7	81.4	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1967	5 890	3 813	638.9	4 436.2	507.7	1 071.2	3 205.5	9 756.3	11 292.2	20 969.9	1 585.3
1963 [5]	5 713	3 552	588.0	3 508.2	467.8	988.6	2 551.1	7 395.7	9 001.4	16 357.1	708.5
1958	5 259	3 214	551.3	2 759.4	445.1	927.1	2 022.3	5 668.7	(NA)	13 164.4	634.4
1954 [6]	5 004	3 277	527.7	2 204.7	435.7	919.9	1 656.7	4 630.2	(NA)	(NA)	532.7
OPERATING MANUFACTURING ESTABLISHMENTS:											
1966 [8]	(NA)	(NA)	633.9	4 235.9	503.2	1 075.6	3 070.8	9 417.2	11 112.8	20 413.7	1 421.9
1965 [8]	(NA)	(NA)	609.6	3 895.6	484.5	1 029.3	2 829.0	8 464.1	10 170.0	18 578.5	1 185.6
1964 [8]	(NA)	(NA)	592.9	3 685.6	470.8	1 007.3	2 678.3	7 805.7	9 460.2	17 194.5	901.9
1962 [8]	(NA)	(NA)	575.6	3 335.6	460.2	971.0	2 424.0	6 996.5	8 657.8	15 293.2	741.5
1961 [8]	(NA)	(NA)	570.3	3 178.8	455.7	957.9	2 315.0	6 660.1	8 191.9	14 787.5	685.4
1960 [8]	(NA)	(NA)	574.5	3 089.0	460.6	964.4	2 235.1	6 509.1	(NA)	(NA)	658.5
1959 [8]	(NA)	(NA)	569.4	2 997.6	458.8	977.2	2 200.9	6 393.4	(NA)	(NA)	686.4
1957 [8]	(NA)	(NA)	563.4	2 721.2	458.1	956.2	2 010.2	5 724.2	(NA)	(NA)	766.6
1956 [8]	(NA)	(NA)	562.5	2 616.2	461.0	982.1	1 951.8	5 609.5	(NA)	(NA)	750.1
1955 [8]	(NA)	(NA)	546.3	2 419.4	451.4	967.9	1 818.2	5 140.7	(NA)	(NA)	555.9
1953 [8]	(NA)	(NA)	533.3	2 180.2	441.6	949.6	1 646.5	4 463.2	(NA)	(NA)	397.2
1952 [8]	4 334	(NA)	482.4	1 877.5	402.1	868.0	1 425.4	3 883.0	(NA)	(NA)	370.6
1951 [8]	4 406	(NA)	494.6	1 822.6	415.1	898.4	1 388.6	4 179.9	(NA)	(NA)	388.6
1950 [8]	4 456	(NA)	477.8	1 607.3	400.8	873.9	1 239.8	3 437.7	(NA)	(NA)	299.1
1949 [8]	(NA)	(NA)	447.2	1 419.7	377.1	801.2	1 083.4	2 777.2	(NA)	(NA)	315.3
1947	4 100	(NA)	454.1	1 294.5	391.7	857.3	1 018.3	2 913.2	(NA)	(NA)	406.8
1939 [9]	3 328	(NA)	(NA)	(NA)	270.2	(NA)	315.2	888.4	(NA)	(NA)	(NA)
1937 [9]	3 084	(NA)	(NA)	(NA)	266.9	(NA)	310.1	862.9	(NA)	(NA)	(NA)
1935	2 945	(NA)	266.9	313.3	235.7	(NA)	235.7	635.8	(NA)	(NA)	(NA)
1933	2 697	(NA)	220.6	219.0	196.4	(NA)	172.8	518.1	(NA)	(NA)	(NA)
1931 [10]	2 917	(NA)	(NA)	(NA)	197.1	(NA)	216.8	606.4	(NA)	(NA)	(NA)
1929	2 973	(NA)	258.3	372.6	228.9	(NA)	281.5	782.0	(NA)	(NA)	(NA)
1927	2 851	(NA)	245.7	343.7	218.3	(NA)	264.1	685.5	(NA)	(NA)	(NA)
1925	2 614	(NA)	241.9	327.1	216.1	(NA)	256.4	612.2	(NA)	(NA)	(NA)
1923	2 582	(NA)	240.6	317.4	214.0	(NA)	243.9	564.3	(NA)	(NA)	(NA)
1921	2 511	(NA)	202.3	255.8	180.6	(NA)	197.9	392.0	(NA)	(NA)	(NA)
1919	2 558	(NA)	227.1	268.4	202.9	(NA)	208.2	516.6	(NA)	(NA)	(NA)
1914	2 344	(NA)	181.5	114.3	164.2	(NA)	87.4	201.2	(NA)	(NA)	(NA)
1909	2 316	(NA)	155.1	85.4	142.5	(NA)	66.6	167.7	(NA)	(NA)	(NA)
1904	2 031	(NA)	128.6	62.4	119.9	(NA)	50.9	122.0	(NA)	(NA)	(NA)
1899	1 895	(NA)	99.8	43.7	93.5	(NA)	35.4	89.7	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1] The figures for 1939 through 1967 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

[2] Value of products shipped (including resales of finished products produced by other manufacturing establishments) less cost of materials, supplies, fuel, electric energy and contract work plus the net change in finished products and work-in-process inventories between the beginning and end of the year.

[3] The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

[4] The figures for 1958 to 1967 include expenditures for plants under construction and not yet in operation.

[5] Data prior to 1958 are not directly comparable due to a change in the Standard Industrial Classification. Hard pressed wood fiberboard mills are no longer classified in Industry 2661, but are classified in Industry 2499, Wood Products, N.E.C.

[6] The figures for 1939 to 1967 included, whereas those for earlier years excluded, data for establishments primarily engaged in the manufacture of printed paper patterns and laminated enamel hard pressed insulating wallboards of vegetable fiber. Value added by manufacture in 1939 excluding data for these establishments was $869.9 million. The comparability of 1947 to 1967 figures with those for earlier years is further affected by the inclusion of data for establishments primarily engaged in the manufacture of tags which were formerly classified in the printing and publishing area.

[7] Similar data are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these establishments are not available for the years 1955 to 1957, 1959 to 1962, 1964 to 1966 or prior to 1949.

[8] These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

[9] The figures for 1937 to 1967 include, whereas those for earlier years exclude, data for establishments primarily engaged in manufactures of fiber products, fiber conduits, and molded pulp products. Value added by manufacture for 1937, excluding data for these establishments, was $852.7 million.

[10] The figures for 1931 to 1967 include, whereas those for earlier years exclude, data for establishments primarily engaged in manufacture of papeteries. Value added by manufacture for 1931, excluding data for these establishments, was $599.6 million.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
26	PAPER AND ALLIED PRODUCTS	5 800	3 812	638.9	4 436.2	507.7	1 071.2	3 205.5	9 756.3	11 292.2	20 969.9	1 585.3	588.0	7 395.7
	NORTHEAST REGION	2 393	1 453	208.0	1 403.5	164.3	349.5	988.6	2 816.1	3 173.5	5 964.1	332.2	201.2	2 260.7
	NEW ENGLAND DIVISION	632	418	72.6	498.4	57.0	123.9	354.5	1 000.4	1 122.0	2 110.0	147.2	68.6	785.1
	MAINE	53	37	18.5	141.2	14.6	32.8	106.3	283.2	341.1	620.8	58.9	16.5	232.4
	NEW HAMPSHIRE[e]	50	38	5.9	39.2	4.7	10.3	28.5	92.1	113.2	204.6	23.1	5.6	61.1
	VERMONT	23	19	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	29.9
	MASSACHUSETTS	349	223	35.2	234.6	27.2	58.5	160.2	441.2	469.3	905.2	50.4	34.6	358.8
	RHODE ISLAND	46	32	2.8	14.1	2.3	4.8	10.0	24.5	27.2	51.4	1.9	2.2	15.7
	CONNECTICUT	111	69	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7.5	87.1
	MIDDLE ATLANTIC DIVISION	1 761	1 035	135.5	905.1	107.3	225.6	634.1	1 815.7	2 051.5	3 854.1	185.0	132.6	1 475.6
	NEW YORK	937	498	59.6	393.6	47.9	100.6	280.9	755.3	860.0	1 611.8	50.2	60.4	616.5
	NEW JERSEY	384	238	32.2	224.1	24.5	51.8	147.9	452.5	521.7	970.1	32.9	31.9	377.9
	PENNSYLVANIA	440	299	43.6	287.4	34.9	73.2	205.3	607.9	669.8	1 272.2	102.0	40.3	481.3
	NORTH CENTRAL REGION	1 677	1 147	199.1	1 391.3	156.3	330.8	995.7	2 802.5	3 432.7	6 305.5	333.5	181.7	2 179.5
	EAST NORTH CENTRAL DIVISION	1 350	935	161.4	1 139.4	126.8	270.2	818.5	2 277.3	2 790.8	5 048.1	285.9	149.9	1 810.5
	OHIO	321	222	38.8	274.6	30.4	66.3	197.1	552.7	603.6	1 151.6	48.6	37.3	449.3
	INDIANA	135	93	13.7	88.0	10.7	22.0	62.8	165.2	197.5	363.6	19.0	12.6	135.8
	ILLINOIS	472	314	40.9	271.3	31.7	65.4	184.3	528.8	584.5	1 110.3	48.3	35.6	379.6
	MICHIGAN	222	157	28.3	205.1	22.1	47.6	148.2	367.0	555.6	918.9	60.5	28.0	344.0
	WISCONSIN	200	149	39.8	300.3	31.9	68.9	226.0	663.5	849.6	1 503.7	109.5	36.3	501.8
	WEST NORTH CENTRAL DIVISION	327	212	37.7	251.9	29.5	60.6	177.2	615.2	641.9	1 257.4	47.6	31.8	369.0
	MINNESOTA	95	61	17.7	128.4	13.8	28.0	91.1	358.4	321.5	683.2	24.2	13.5	178.0
	IOWA	40	30	4.1	26.7	3.1	6.7	18.1	61.0	74.6	136.0	6.3	3.1	39.8
	MISSOURI	131	86	11.9	71.6	9.4	19.0	49.9	149.2	176.9	322.9	11.5	11.5	117.4
	NEBRASKA	19	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	38	22	3.0	18.5	2.3	5.1	13.6	33.7	47.7	81.2	3.6	2.7	26.4
	SOUTH REGION	1 107	794	167.4	1 153.6	134.8	284.3	854.5	2 877.0	3 254.1	6 102.6	743.6	146.4	2 058.1
	SOUTH ATLANTIC DIVISION	597	424	92.3	629.3	73.6	156.3	459.9	1 558.5	1 731.1	3 274.3	228.9	80.7	1 163.9
	DELAWARE	13	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	82	56	11.1	70.1	8.4	18.6	47.2	133.6	152.1	282.8	18.6	9.5	101.6
	DISTRICT OF COLUMBIA	6	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	73	55	13.2	89.8	10.5	22.3	63.9	230.7	245.9	474.6	28.6	12.1	171.7
	WEST VIRGINIA	21	16	1.5	8.5	1.2	2.6	6.1	17.1	19.3	36.5	.7	1.5	12.6
	NORTH CAROLINA	119	86	15.5	103.2	12.4	26.8	76.7	227.8	260.6	487.0	43.7	13.2	176.5
	SOUTH CAROLINA	39	29	10.0	72.0	8.0	16.7	53.2	193.2	188.5	377.8	46.2	8.8	140.1
	GEORGIA	122	86	22.8	157.4	18.1	37.8	115.0	443.0	495.6	936.7	54.5	20.5	339.3
	FLORIDA	122	80	16.3	115.3	13.5	28.4	88.5	290.9	341.9	629.9	32.9	13.6	203.9
	EAST SOUTH CENTRAL DIVISION	215	169	37.6	260.6	31.0	65.1	198.7	670.8	726.3	1 398.1	190.1	30.5	409.4
	KENTUCKY	40	31	4.6	25.3	3.9	8.0	19.2	64.5	75.5	139.7	6.7	3.9	33.9
	TENNESSEE	94	75	12.4	83.8	9.9	21.0	59.5	218.1	250.6	464.3	21.3	10.2	152.1
	ALABAMA	51	43	15.0	113.6	12.4	26.3	89.9	323.2	315.1	635.9	60.4	11.7	165.6
	MISSISSIPPI	30	20	5.6	37.9	4.8	9.8	30.1	74.0	85.1	158.2	101.7	4.8	57.8
	WEST SOUTH CENTRAL DIVISION	295	201	37.5	263.7	30.2	62.9	195.9	638.7	796.7	1 430.2	324.7	35.2	484.8
	ARKANSAS	44	35	7.4	50.8	6.2	12.6	39.5	150.2	208.4	359.8	58.9	7.2	118.9
	LOUISIANA	59	45	14.5	110.1	12.2	25.4	87.5	254.0	304.0	553.5	87.3	15.6	202.6
	OKLAHOMA	20	11	1.0	6.5	.8	1.7	4.6	18.7	23.7	42.8	.9	.8	13.4
	TEXAS	172	110	14.6	96.3	11.0	23.2	64.3	215.8	260.6	474.2	177.6	11.6	150.0
	WEST REGION	713	418	64.5	487.8	52.3	106.5	366.6	1 170.9	1 432.0	2 598.0	176.0	58.7	907.2
	MOUNTAIN DIVISION	66	33	4.1	29.1	3.2	6.7	21.5	103.3	99.4	202.6	5.1	3.4	60.4
	MONTANA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IDAHO	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	33	18	1.4	9.0	1.1	2.3	6.0	17.1	22.2	39.2	1.1	1.1	13.4
	ARIZONA	15	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	9.9
	UTAH	9	3	.4	2.1	.3	.5	1.4	5.4	6.1	11.5	.1	(D)	(D)
	PACIFIC DIVISION	647	385	60.5	458.7	49.1	99.8	345.1	1 067.6	1 332.6	2 395.4	170.8	55.3	846.8
	WASHINGTON	77	56	18.9	145.7	15.6	31.2	113.6	377.7	430.7	806.9	34.9	18.0	330.3
	OREGON	59	40	8.2	66.0	6.7	13.8	50.4	154.8	190.9	344.3	82.7	6.8	116.9
	CALIFORNIA	499	283	32.0	232.1	25.6	52.4	169.8	497.9	681.5	1 177.1	49.3	28.9	371.1
	ALASKA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII	10	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
261	PULPMILLS	61	43	15.1	125.6	12.2	25.4	96.0	333.7	403.2	730.5	121.8	15.1	295.8
	NORTHEAST REGION[e]	15	9	1.6	10.8	1.2	2.6	8.4	23.7	52.8	76.3	36.3	1.3	14.9
	NEW ENGLAND DIVISION[e]	8	6	1.4	9.8	1.1	2.4	7.6	21.4	48.2	69.3	36.3	(D)	(D)
	MAINE[e]	6	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW HAMPSHIRE[e]	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	7	3	.2	1.0	.1	.3	.8	2.3	4.7	7.0	.1	(D)	(D)
	NORTH CENTRAL REGION	11	6	.5	3.9	.5	1.0	3.1	7.5	11.9	19.0	(D)	.5	6.5
	EAST NORTH CENTRAL DIVISION	10	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	6.5
	WISCONSIN	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
261	PULPMILLS--CON.													
	SOUTH REGION	18	12	6.6	54.3	5.3	10.6	40.1	155.2	176.3	328.0	(D)	7.6	153.7
	SOUTH ATLANTIC DIVISION	11	7	3.9	32.3	3.1	6.3	24.0	101.0	111.0	209.5	11.9	(D)	(D)
	SOUTH CAROLINA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	4	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	FLORIDA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	6	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSISSIPPI	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	17	16	6.3	56.6	5.3	11.2	44.3	147.3	162.2	307.3	38.4	5.7	120.7
	MOUNTAIN DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IDAHO	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	16	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WASHINGTON	10	9	3.9	33.3	3.3	7.1	26.5	86.7	100.7	185.6	12.7	3.8	80.6
	OREGON	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALASKA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
262	PAPERMILLS, EXCEPT BUILDING PAPER	354	312	140.0	1 120.7	112.3	249.2	849.2	2 356.3	2 515.7	4 844.0	581.3	129.8	1 857.2
	NORTHEAST REGION	184	157	52.1	408.4	41.3	94.1	304.5	782.2	898.7	1 674.1	142.4	51.8	651.4
	NEW ENGLAND DIVISION	92	80	27.9	217.1	21.9	50.7	159.2	421.3	473.3	891.1	60.0	27.2	347.1
	MAINE	16	16	14.6	115.9	11.7	26.5	87.7	224.6	253.6	475.1	25.5	13.5	190.7
	NEW HAMPSHIRE[e]	17	13	2.6	16.9	2.2	4.9	13.6	41.0	51.3	92.2	5.0	2.3	20.9
	VERMONT	7	6	.5	2.9	.4	.9	2.4	7.9	10.9	18.3	(D)	.5	3.8
	MASSACHUSETTS	42	37	9.4	73.4	7.1	16.9	50.4	128.5	137.1	265.8	22.6	10.2	116.8
	CONNECTICUT	10	8	.9	7.9	.6	1.5	5.1	19.5	20.4	39.7	(D)	.6	14.8
	MIDDLE ATLANTIC DIVISION	92	77	24.2	191.3	19.4	43.4	145.4	360.9	425.4	783.0	82.4	24.6	304.3
	NEW YORK	52	41	11.5	88.9	9.4	21.2	70.6	168.3	212.1	379.9	15.7	12.0	138.7
	NEW JERSEY	14	12	3.0	23.8	2.2	5.0	17.0	49.6	49.9	98.8	5.1	3.1	47.4
	PENNSYLVANIA	26	24	9.8	78.6	7.8	17.2	57.8	142.9	163.4	304.3	30.0	9.5	119.8
	NORTH CENTRAL REGION	92	87	41.9	340.1	33.6	75.2	257.6	656.4	729.8	1 376.7	108.8	36.4	509.9
	EAST NORTH CENTRAL DIVISION	85	81	36.9	300.5	29.7	67.1	228.2	593.5	651.3	1 236.2	100.8	31.6	455.4
	OHIO	16	16	9.6	78.9	7.7	17.9	57.9	169.2	147.7	314.8	14.2	7.5	124.3
	INDIANA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MICHIGAN	23	21	6.8	55.1	5.4	12.5	42.8	89.6	138.0	227.5	28.1	5.5	75.3
	WISCONSIN	38	37	19.3	157.7	15.5	34.4	120.9	317.4	349.7	660.0	(D)	18.1	248.6
	WEST NORTH CENTRAL DIVISION	7	6	4.9	39.6	4.0	8.1	29.4	62.9	78.4	140.5	8.1	4.7	54.5
	MINNESOTA	6	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.7	54.5
	SOUTH REGION	48	42	33.5	270.3	26.9	58.9	206.8	656.4	613.9	1 260.6	259.0	30.4	480.7
	SOUTH ATLANTIC DIVISION	22	19	14.2	109.4	11.2	25.2	80.8	283.9	254.4	534.9	34.5	12.2	183.2
	DELAWARE	4	4	.3	2.4	.3	.7	1.9	3.8	5.3	9.1	(D)	.2	2.4
	MARYLAND	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	32.4
	NORTH CAROLINA	8	6	6.2	45.9	4.9	11.0	33.7	118.7	100.4	218.4	15.3	5.4	77.5
	GEORGIA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	FLORIDA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	11	9	10.4	88.3	8.5	18.4	68.2	202.1	188.7	388.0	46.0	9.6	160.6
	TENNESSEE	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA	4	4	5.9	50.0	4.8	10.5	38.9	112.1	95.3	206.5	37.4	5.4	92.1
	MISSISSIPPI	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	15	14	8.8	72.6	7.2	15.4	57.8	170.4	170.8	337.6	178.5	8.7	136.9
	ARKANSAS	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	33.3
	LOUISIANA	6	6	3.8	31.4	3.2	7.0	25.7	74.1	73.8	144.1	(D)	(D)	(D)
	TEXAS	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	30	26	12.5	101.9	10.4	21.0	80.3	261.3	273.4	532.6	71.0	11.3	215.9
	MOUNTAIN DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	29	25	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WASHINGTON	13	12	7.4	58.0	6.2	12.0	45.9	153.1	138.7	292.0	(D)	7.3	137.1
	OREGON	6	6	3.2	26.6	2.6	5.3	20.5	66.8	64.9	130.3	57.5	2.8	53.8
	CALIFORNIA	10	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
263	PAPERBOARD MILLS	283	264	67.0	533.5	53.8	118.2	405.9	1 508.8	1 402.9	2 907.0	398.6	63.4	1 186.2
	NORTHEAST REGION	95	86	10.3	78.7	8.4	19.9	61.0	169.6	159.8	329.3	13.8	11.5	140.3
	NEW ENGLAND DIVISION	33	29	3.2	23.8	2.6	5.9	18.8	49.8	46.9	96.6	4.4	3.7	41.4
	MAINE	4	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW HAMPSHIRE	7	5	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VERMONT[e]	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	10	10	1.4	10.0	1.1	2.5	7.7	19.2	15.6	34.6	.9	1.4	16.1
	CONNECTICUT	11	10	1.2	9.4	.9	2.2	7.6	21.8	23.1	45.2	1.2	1.6	18.1

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
263	PAPERBOARD MILLS--CON.													
	MIDDLE ATLANTIC DIVISION	62	57	7.1	54.9	5.9	14.0	42.2	119.9	112.9	232.6	9.4	7.8	98.9
	NEW YORK	22	21	1.9	14.6	1.6	3.8	11.5	24.6	32.1	56.8	(D)	2.6	25.9
	NEW JERSEY	21	18	2.6	20.6	2.1	5.3	16.0	52.0	43.7	95.3	(D)	2.7	38.8
	PENNSYLVANIA	19	18	2.5	19.6	2.1	4.9	14.8	43.2	37.1	80.6	4.4	2.5	34.1
	NORTH CENTRAL REGION	77	75	13.7	104.8	11.1	25.0	82.0	251.7	230.6	481.2	45.6	13.6	213.5
	EAST NORTH CENTRAL DIVISION	69	67	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	12.1	189.2
	OHIO	24	24	3.4	26.3	2.9	6.8	22.1	60.4	52.5	113.2	10.8	(D)	(D)
	INDIANA	8	8	1.4	10.4	1.2	2.6	8.0	23.7	21.5	45.2	(D)	1.6	22.4
	ILLINOIS	12	11	2.2	15.5	1.7	3.7	12.4	35.3	29.9	64.8	9.8	2.2	29.0
	MICHIGAN	18	17	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WISCONSIN	7	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST NORTH CENTRAL DIVISION	8	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3	21.3
	MINNESOTA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IOWA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	79	73	35.7	290.0	28.4	61.1	216.1	897.3	830.3	1 722.1	316.8	32.1	684.2
	SOUTH ATLANTIC DIVISION	47	44	23.5	189.6	18.6	40.3	141.3	571.7	546.7	1 114.1	83.0	21.4	465.8
	MARYLAND	6	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	8	8	5.0	40.3	3.9	8.6	28.8	123.0	94.2	215.7	8.3	4.6	88.8
	WEST VIRGINIA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	6	6	3.1	24.9	2.4	5.2	19.8	46.8	63.5	110.2	18.0	(D)	(D)
	SOUTH CAROLINA	5	5	4.0	33.8	3.1	6.8	24.1	103.5	93.5	195.5	14.1	3.6	76.6
	GEORGIA	10	10	6.5	51.9	5.1	10.8	38.4	193.6	178.8	372.4	32.2	6.7	171.2
	FLORIDA	9	7	3.9	32.3	3.2	6.9	25.0	92.0	101.6	192.6	(D)	3.9	83.7
	EAST SOUTH CENTRAL DIVISION	17	16	4.4	35.6	3.4	7.4	26.5	127.2	104.3	230.7	109.1	2.8	60.3
	TENNESSEE	6	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	23.9
	ALABAMA	8	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	36.3
	MISSISSIPPI	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	15	13	7.9	64.8	6.3	13.4	48.3	198.5	179.3	377.2	124.7	7.9	157.0
	ARKANSAS	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LOUISIANA	6	5	4.8	40.6	4.1	8.4	32.1	107.0	107.5	214.0	12.2	5.5	91.3
	OKLAHOMA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	32	30	7.2	60.0	5.9	12.2	46.8	190.2	182.2	374.4	22.3	6.3	152.5
	MOUNTAIN DIVISION	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MONTANA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IDAHO	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	28	27	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WASHINGTON	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OREGON	6	6	1.8	16.4	1.5	3.2	12.7	45.6	56.7	103.5	4.0	1.2	31.0
	CALIFORNIA	17	16	2.5	20.4	2.1	4.4	16.5	44.2	49.1	93.7	10.3	2.6	52.4
264	MISC. CONVERTED PAPER PRODUCTS	2 492	1 284	186.6	1 187.4	146.8	298.8	819.1	2 833.3	3 406.2	6 210.1	225.8	166.7	1 962.4
	NORTHEAST REGION	1 105	526	68.4	434.8	52.8	107.6	287.0	974.8	1 125.5	2 085.5	75.1	60.7	734.4
	NEW ENGLAND DIVISION	253	133	22.0	140.3	17.0	35.0	95.7	317.5	340.6	651.4	33.8	19.0	222.8
	MAINE	12	7	2.0	13.8	1.5	3.3	10.0	36.3	39.3	75.5	(D)	1.7	30.3
	NEW HAMPSHIRE	15	11	2.1	14.9	1.5	3.2	9.1	34.0	40.3	74.0	5.3	1.9	25.3
	VERMONT	12	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	156	82	14.3	90.4	10.9	22.3	60.7	189.7	192.4	376.8	19.3	12.4	128.4
	RHODE ISLAND	21	11	.7	4.7	.6	1.1	3.1	8.5	12.4	20.8	.6	(D)	(D)
	CONNECTICUT	37	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	17.4
	MIDDLE ATLANTIC DIVISION	852	393	46.4	294.5	35.8	72.6	191.3	657.3	784.9	1 434.0	41.3	41.7	511.6
	NEW YORK	528	222	23.1	142.9	18.2	37.2	95.8	301.2	361.3	659.9	16.1	21.6	228.2
	NEW JERSEY	162	77	10.5	74.4	7.3	15.1	41.6	149.3	209.3	357.2	9.2	9.6	118.6
	PENNSYLVANIA	162	94	12.9	77.2	10.2	20.3	53.9	206.8	214.2	416.8	16.0	10.5	164.8
	NORTH CENTRAL REGION	691	381	62.9	412.3	48.7	99.5	281.0	1 041.7	1 151.3	2 187.2	65.2	58.7	727.4
	EAST NORTH CENTRAL DIVISION	545	308	48.1	319.2	37.3	76.9	217.3	733.4	898.8	1 625.2	47.0	47.8	595.4
	OHIO	125	62	9.1	59.9	6.6	13.8	37.7	130.9	135.5	265.4	7.5	12.0	138.2
	INDIANA	56	30	4.9	30.3	3.8	7.7	21.8	61.4	61.8	122.7	3.5	4.8	54.0
	ILLINOIS	202	117	16.2	106.1	12.4	25.5	68.1	238.4	216.5	452.7	13.3	12.8	145.2
	MICHIGAN	81	45	6.6	44.4	5.1	10.5	30.4	91.0	146.0	235.2	4.1	8.2	104.4
	WISCONSIN	81	54	11.3	78.6	9.3	19.4	59.3	211.7	338.9	549.2	18.6	10.0	153.6
	WEST NORTH CENTRAL DIVISION	146	73	14.8	93.2	11.5	22.6	63.7	308.3	252.6	562.0	18.2	10.9	132.0
	MINNESOTA	45	19	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.9	63.3
	IOWA	14	10	1.7	11.4	1.2	2.6	7.0	26.4	25.0	51.9	2.1	1.0	14.7
	MISSOURI	60	31	5.1	30.4	4.0	8.0	20.9	62.2	74.8	135.2	3.6	5.3	48.1
	NEBRASKA	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.6
	KANSAS	19	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
264	MISC. CONVERTED PAPER PRODUCTS--CON.													
	SOUTH REGION	360	218	37.8	220.1	31.2	63.4	164.3	534.7	749.2	1 277.4	65.2	32.1	308.6
	SOUTH ATLANTIC DIVISION	188	108	17.3	101.2	14.3	28.9	74.6	221.2	295.6	514.5	44.6	14.8	143.1
	MARYLAND	23	13	1.0	5.6	.8	1.6	3.5	10.8	13.6	24.5	.5	.9	9.6
	DISTRICT OF COLUMBIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	24	17	2.5	13.9	2.0	4.2	10.3	30.4	52.6	83.0	2.1	2.3	21.4
	WEST VIRGINIA	9	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA[e]	28	16	1.2	6.6	1.0	2.1	4.7	16.5	22.9	39.3	(D)	1.2	13.9
	SOUTH CAROLINA	11	7	1.7	10.0	1.3	2.6	7.0	22.9	23.9	46.4	(D)	(D)	(D)
	GEORGIA	43	27	5.5	31.7	4.5	8.8	22.8	62.7	94.5	156.2	8.2	5.0	44.1
	FLORIDA	47	21	4.5	26.2	3.8	7.8	21.1	63.5	71.9	134.6	4.1	3.2	26.0
	EAST SOUTH CENTRAL DIVISION	59	43	10.5	60.4	9.0	18.7	48.2	184.9	222.2	404.3	13.0	8.1	78.4
	KENTUCKY	11	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.0	13.9
	TENNESSEE	24	18	3.6	20.7	3.1	6.2	15.5	69.0	81.1	148.4	3.9	2.6	42.4
	ALABAMA	16	12	3.8	24.5	3.2	6.7	20.7	83.2	96.2	178.6	5.5	2.9	20.7
	MISSISSIPPI	8	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	1.3
	WEST SOUTH CENTRAL DIVISION	113	67	9.9	58.5	7.9	15.9	41.5	128.6	231.4	358.6	7.7	9.2	87.1
	ARKANSAS	16	13	1.9	11.2	1.7	3.3	9.6	34.4	89.9	123.9	1.4	(D)	(D)
	LOUISIANA	21	16	2.8	16.5	2.4	4.8	13.2	30.8	68.4	98.7	2.3	2.9	23.6
	TEXAS	69	37	5.1	30.4	3.7	7.7	18.4	62.9	72.3	134.7	3.8	3.9	41.3
	WEST REGION	336	159	17.6	120.2	14.2	28.3	86.9	282.0	380.1	660.0	20.4	15.2	196.6
	MOUNTAIN DIVISION	32	11	1.1	6.8	.9	1.8	4.5	13.9	14.7	28.8	.6	(D)	(D)
	COLORADO	16	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA	9	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	304	148	16.5	113.4	13.3	26.5	82.4	268.1	365.4	631.2	19.8	14.5	189.7
	WASHINGTON	18	11	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.9	40.8
	OREGON	29	15	1.7	12.8	1.3	2.8	9.1	25.2	42.5	66.6	1.6	(D)	(D)
	CALIFORNIA	250	120	11.6	79.2	9.3	18.5	56.2	192.1	228.7	419.6	13.5	10.1	132.5
265	PAPERBOARD CONTAINERS AND BOXES	2 606	1 835	218.6	1 386.5	172.6	358.2	967.9	2 540.5	3 408.5	5 937.3	237.5	201.0	1 941.0
	NORTHEAST REGION	972	656	72.9	452.2	58.4	120.5	313.0	825.1	901.5	1 723.4	59.0	73.3	681.7
	NEW ENGLAND DIVISION	242	167	17.6	104.7	14.1	29.1	71.0	184.8	207.4	390.3	12.0	17.2	157.2
	MAINE	14	6	.5	2.2	.4	.8	1.6	4.3	6.6	11.0	.4	(D)	(D)
	NEW HAMPSHIRE	8	7	.6	3.4	.5	1.0	2.5	6.7	9.2	15.7	.7	.6	5.1
	VERMONT	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	141	94	10.2	60.8	8.2	16.8	41.4	103.7	124.2	227.9	7.5	10.5	97.6
	RHODE ISLAND	24	20	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	9.7
	CONNECTICUT	52	37	4.0	26.9	3.1	6.5	17.6	48.0	44.9	92.6	1.8	3.8	36.8
	MIDDLE ATLANTIC DIVISION	730	489	55.3	347.5	44.3	91.4	242.0	640.3	694.1	1 333.1	47.1	56.1	524.4
	NEW YORK	327	209	22.4	142.2	18.2	37.3	99.4	250.9	242.8	493.0	15.3	23.5	214.8
	NEW JERSEY	178	123	15.0	97.0	11.9	24.3	66.9	184.2	203.3	386.1	14.0	15.5	155.3
	PENNSYLVANIA	225	157	17.9	108.3	14.3	29.8	75.8	205.2	248.1	454.0	17.8	17.1	154.4
	NORTH CENTRAL REGION	778	577	76.7	507.0	59.7	124.1	353.2	880.4	1 260.4	2 135.9	85.5	69.7	687.9
	EAST NORTH CENTRAL DIVISION	624	458	62.0	411.5	48.3	100.2	287.2	700.4	996.1	1 692.7	66.9	56.2	544.0
	OHIO	151	117	16.3	107.3	12.9	27.1	77.5	186.3	262.1	446.4	15.7	14.4	130.8
	INDIANA	66	50	7.0	45.4	5.4	11.0	31.5	75.6	109.7	186.2	6.9	6.1	58.9
	ILLINOIS	241	170	20.8	137.1	16.1	33.2	93.9	230.2	312.8	542.2	23.2	19.4	190.4
	MICHIGAN	99	73	11.0	73.9	8.5	17.6	51.6	121.1	185.7	305.6	13.8	10.1	97.5
	WISCONSIN	67	48	7.0	47.8	5.3	11.2	32.6	87.3	125.8	212.3	7.3	6.3	66.5
	WEST NORTH CENTRAL DIVISION	154	119	14.6	95.5	11.4	23.9	65.9	180.0	264.3	443.2	18.5	13.5	143.9
	MINNESOTA	40	32	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IOWA	21	17	2.0	12.8	1.6	3.4	9.0	26.5	45.4	72.0	3.8	1.7	19.4
	MISSOURI	66	51	6.6	39.7	5.2	10.6	27.9	84.1	98.8	181.4	7.7	6.1	66.8
	NEBRASKA	10	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	14	11	1.8	12.3	1.4	3.1	8.8	22.3	35.6	57.9	2.4	2.1	22.5
	SOUTH REGION	573	425	49.0	285.2	38.8	81.5	199.4	559.3	825.6	1 381.9	69.9	39.3	371.9
	SOUTH ATLANTIC DIVISION	318	239	31.3	182.6	24.7	52.0	127.6	347.1	498.0	842.9	44.9	25.2	231.0
	DELAWARE	7	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	4.0
	MARYLAND	51	36	6.9	39.9	5.2	11.1	25.4	73.8	86.7	159.6	10.0	5.6	51.5
	DISTRICT OF COLUMBIA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	36	26	3.1	17.8	2.6	5.4	12.7	31.8	58.1	89.9	4.5	(D)	(D)
	WEST VIRGINIA	9	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	5.5
	NORTH CAROLINA	72	57	5.0	25.5	4.0	8.4	18.3	45.2	73.1	117.9	9.0	3.7	33.0
	SOUTH CAROLINA	21	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.3	34.1
	GEORGIA	59	42	6.6	40.7	5.1	10.9	27.8	80.8	128.8	208.3	9.1	5.9	53.7
	FLORIDA	60	46	4.4	26.6	3.4	7.3	18.8	52.5	86.9	140.2	5.5	3.0	28.4
	EAST SOUTH CENTRAL DIVISION	115	89	8.2	45.1	6.6	13.9	32.0	92.9	128.9	221.3	11.6	6.2	56.7
	KENTUCKY	26	20	2.2	13.3	1.7	3.6	9.6	32.5	41.7	74.3	3.4	1.8	19.2
	TENNESSEE	56	43	3.9	21.8	3.2	6.8	15.4	42.0	59.0	100.8	4.4	2.8	25.5
	ALABAMA	19	15	1.1	4.7	.9	1.7	3.4	8.6	11.6	20.0	.6	(D)	(D)
	MISSISSIPPI	14	11	1.0	5.3	.8	1.7	3.6	9.8	16.6	26.1	3.2	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	140	97	9.5	57.4	7.5	15.6	39.8	119.3	198.8	317.8	13.4	7.9	84.1
	ARKANSAS	19	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	22.2
	LOUISIANA	23	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	20.6
	OKLAHOMA	10	7	.5	3.5	.4	.8	2.3	8.0	12.5	20.5	.5	.5	5.8
	TEXAS	88	60	4.9	28.5	3.8	8.0	18.9	51.3	104.6	155.6	9.6	3.7	35.5

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
265	PAPERBOARD CONTAINERS AND BOXES--CONTINUED													
	WEST REGION	283	177	19.9	142.0	15.7	32.1	102.4	275.7	421.0	696.1	23.0	18.8	204.6
	MOUNTAIN DIVISION	27	17	1.2	7.7	.9	1.9	5.2	16.8	26.2	43.0	.9	1.0	11.8
	COLORADO	16	12	.8	4.8	.6	1.2	3.2	9.1	14.9	24.1	.7	.7	7.9
	ARIZONA	5	3	.2	1.3	.1	.3	1.0	3.7	5.7	9.4	.1	(D)	(D)
	PACIFIC DIVISION	256	160	18.8	134.4	14.8	30.1	97.1	258.9	394.8	653.1	22.2	17.7	192.8
	WASHINGTON	30	18	2.3	16.7	1.8	3.5	12.1	29.7	55.3	84.7	1.7	1.8	19.2
	OREGON	11	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	6.9
	CALIFORNIA	212	132	15.5	111.4	12.3	25.2	80.5	219.3	320.5	539.7	20.1	15.0	165.4
	HAWAII	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	1.2
266	BUILDING PAPER AND BOARD MILLS	94	74	11.7	82.5	10.0	21.5	67.4	183.7	155.6	341.1	20.3	11.9	153.1
	NORTHEAST REGION	22	19	2.7	18.7	2.1	4.8	14.7	40.6	35.1	75.6	5.6	2.7	34.9
	NEW ENGLAND DIVISION	4	3	.4	2.8	.3	.8	2.3	5.5	5.6	11.2	.7	(D)	(D)
	MAINE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	RHODE ISLAND	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	18	16	2.2	15.9	1.8	3.9	12.4	35.1	29.5	64.4	4.9	(D)	(D)
	NEW YORK	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW JERSEY	7	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PENNSYLVANIA	8	6	.5	3.7	.4	1.0	3.0	9.7	7.0	16.5	2.2	.6	8.3
	NORTH CENTRAL REGION	28	21	3.3	23.0	2.9	6.1	18.9	54.8	48.6	105.3	(D)	(D)	(D)
	EAST NORTH CENTRAL DIVISION	17	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	17.0
	OHIO	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	5.7
	ILLINOIS	9	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	7.4
	MICHIGAN	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST NORTH CENTRAL DIVISION	11	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	18.3
	MINNESOTA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	29	24	4.8	33.8	4.1	8.8	27.9	74.0	58.8	132.6	(D)	4.9	65.9
	SOUTH ATLANTIC DIVISION	11	7	2.0	14.2	1.7	3.6	11.6	33.6	25.4	58.4	10.0	(D)	(D)
	MARYLAND	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	7	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSISSIPPI	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	11	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LOUISIANA	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	5	4	.2	1.0	.1	.3	.9	1.7	1.7	3.4	(Z)	.2	2.0
	WEST REGION	15	10	1.0	7.0	.9	1.8	5.9	14.3	13.1	27.6	.8	(D)	(D)
	PACIFIC DIVISION	14	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	17.0
	WASHINGTON	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OREGON	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	7.7
	CALIFORNIA	8	6	.3	2.1	.2	.5	1.7	3.5	3.5	7.2	.1	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TABLE 3. Detailed Statistics: 1967

Item	Paper and allied products (SIC 26)	Pulpmills (SIC 261)	Papermills, except building paper (SIC 262)	Paperboard mills (SIC 263)	Miscellaneous converted paper products (SIC 264)	Paperboard containers and boxes (SIC 265)	Building paper and board mills (SIC 266)
ESTABLISHMENTS, TOTAL . . . . . NUMBER	5 890	61	354	283	2 492	2 606	94
WITH 1 TO 19 EMPLOYEES . . . . . DO	2 077	18	41	19	1 208	771	20
WITH 20 TO 99 EMPLOYEES . . . . . DO	2 131	15	73	97	790	1 112	44
WITH 100 EMPLOYEES OR MORE . . . . . DO	1 682	28	240	167	494	723	30
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	638.9	15.1	140.0	67.0	186.6	218.8	11.7
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	4 436.2	125.6	1 120.7	533.5	1 187.4	1 386.5	82.5
PRODUCTION WORKERS:							
AVERAGE FOR YEAR 1,000	507.7	12.2	112.3	53.8	146.8	172.6	10.0
MARCH . . . . . DO	501.7	12.0	111.1	53.5	144.6	170.5	9.6
MAY . . . . . DO	503.5	12.2	111.3	53.6	145.8	170.4	9.8
AUGUST . . . . . DO	514.4	12.6	114.2	54.2	148.7	174.1	10.3
NOVEMBER . . . . . DO	511.5	12.1	111.1	53.8	148.2	175.6	10.3
MAN-HOURS . . . . . MILLIONS	1 071.2	25.4	249.2	118.2	298.8	358.2	21.5
JANUARY-MARCH . . . . . DO	267.0	6.4	63.0	29.6	74.7	87.9	5.0
APRIL-JUNE . . . . . DO	268.2	6.4	62.3	29.6	75.1	89.0	5.5
JULY-SEPTEMBER . . . . . DO	265.3	6.3	60.8	29.2	73.7	89.7	5.5
OCTOBER-DECEMBER . . . . . DO	270.7	6.3	61.8	29.8	75.3	91.6	5.6
WAGES . . . . . MILLION DOLLARS	3 205.5	96.0	849.2	405.9	819.1	967.9	67.4
COST OF MATERIALS, ETC., TOTAL[1] . . . . . DO	11 292.2	403.2	2 515.7	1 402.9	3 406.2	3 408.6	155.6
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . DO	10 376.8	362.0	2 245.5	1 217.6	3 166.9	3 263.5	121.3
COST OF RESALES . . . . . DO	288.8	.6	17.1	9.6	174.1	76.6	10.8
FUELS CONSUMED . . . . . DO	367.2	26.9	155.6	133.4	18.4	20.8	12.1
PURCHASED ELECTRIC ENERGY . . . . . DO	209.6	10.0	92.4	38.9	28.2	28.8	11.3
CONTRACT WORK . . . . . DO	49.8	3.8	5.1	3.4	18.6	18.9	.1
VALUE OF SHIPMENTS, INCLUDING RESALES[1] . . . . . DO	20 969.9	730.5	4 844.0	2 907.0	6 210.1	5 937.3	341.1
VALUE OF RESALES . . . . . DO	392.2	.7	25.4	11.6	234.1	109.1	11.3
VALUE ADDED BY MANUFACTURE . . . . . DO	9 756.3	333.7	2 356.3	1 508.8	2 833.3	2 540.5	183.7
MANUFACTURERS' INVENTORIES:							
BEGINNING OF YEAR, TOTAL . . . . . DO	2 176.0	90.3	519.7	182.9	683.3	666.5	33.3
FINISHED PRODUCTS . . . . . DO	755.4	23.8	147.2	41.6	287.4	239.3	16.1
WORK IN PROCESS . . . . . DO	255.6	4.1	53.7	8.7	89.6	95.8	3.5
MATERIALS, SUPPLIES, FUEL, ETC. . . . . DO	1 165.1	62.3	318.6	132.6	306.4	331.4	13.7
END OF YEAR, TOTAL . . . . . DO	2 262.8	96.7	560.3	191.9	713.3	669.0	31.6
FINISHED PRODUCTS . . . . . DO	825.2	29.5	167.0	47.9	312.2	253.7	14.9
WORK IN PROCESS . . . . . DO	264.1	4.8	62.2	7.2	93.6	93.4	2.9
MATERIALS, SUPPLIES, FUEL, ETC. . . . . DO	1 173.6	62.3	331.1	136.8	307.3	322.3	13.8
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . DO	1 648.2	124.0	590.9	399.8	239.6	271.1	23.0
NEW PLANT AND EQUIPMENT, TOTAL . . . . . DO	1 585.3	121.8	581.3	398.6	225.8	237.5	20.3
NEW STRUCTURES AND ADDITIONS TO PLANT . . . DO	301.6	10.8	68.5	89.0	61.6	65.9	5.7
NEW MACHINERY AND EQUIPMENT . . . . . DO	1 283.8	111.0	512.8	309.5	164.2	171.6	14.5
USED PLANT AND EQUIPMENT . . . . . DO	62.9	2.2	9.6	1.2	13.8	33.4	2.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

PULP, PAPER, AND BOARD MILLS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2611--Pulpmills
2621--Papermills, Except Building Papermills
2631--Paperboard Mills
2661--Building Paper and Building Board Mills

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2611--PULPMILLS

This industry comprises establishments primarily engaged in manufacturing pulp from wood or from other materials such as rags, linters, waste paper, and straw. Logging camps operated by pulpmills, and not separately reported, are also included in this industry. Establishments primarily engaged in cutting pulpwood are classified in industry 2411; and pulpmills combined with papermills or paperboard mills, and not separately reported, are classified with the latter in industries 2621 and 2631, respectively. For a detailed list of products of industry 2611, refer to table 6A, product codes 261111 to 2611289.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of Pulpmills in 1967 totaled $730.5 million. This included shipments of pulp (primary products), valued at $642.6 million, shipments of other products (secondary products) valued at $86.0 million, and miscellaneous receipts of $1.9 million.

This industry's shipments of pulp (primary products) in 1967 represented 88 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 88 percent. Secondary products shipped by this industry in 1967 consisted mainly of paper, except building paper ($40.0 million), and paperboard ($31.3 million).

Industry 2611 shipments of pulp (primary products) in 1967 represented 71 percent (coverage ratio) of these products valued at $904.8 million shipped by all industries. In 1963, the coverage ratio was 71 percent. Other industries shipping pulp products (primary

products) consisted mainly of industry 2621, Papermills, Except Building Paper, $142.0 million; industry 2631, Paperboard Mills, $104.7 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2611, these establishments accounted for 0.2 percent of payroll and 0.2 percent of value added by manufacture.

2621--PAPERMILLS, EXCEPT BUILDING PAPERMILLS

This industry comprises establishments primarily engaged in manufacturing paper (except building paper, industry 2661) from woodpulp and other fibers, and which may also manufacture converted paper products. Pulpmills combined with papermills and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paper products from purchased paper stock are classified in groups 264 or 265. For a detailed list of products of industry 2621, refer to table 6A, product codes 2621010 to 2621900.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of Papermills, Except Building Paper, in 1967 totaled $4,844.0 million. This included shipments of papermill products, except building paper (primary products), valued at $4,417.7 million, shipments of other products (secondary products) valued at $377.7 million, and miscellaneous receipts of $48.6 million.

This industry's shipments of papermill products, except building paper (primary products) in 1967 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 90 percent. Secondary products shipped by this industry in 1967 consisted mainly of paperboard ($199.3 million), and pulp ($142.0 million).

Industry 2621 shipments of papermill products, except building paper (primary products) in 1967 represented 93 percent (coverage ratio) of these products valued at $4,739.5 million shipped by all industries. In 1963, the coverage ratio was 92 percent. Other industries shipping papermill products, except building paper (primary products) consisted mainly of industry 2631, Paperboard Mills, $262.7 million; industry 2611, Pulpmills, $40.0 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2621, these establishments accounted for 0.01 percent of payroll and 0.01 percent of value added by manufacture.

2631--PAPERBOARD MILLS

This industry comprises establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from woodpulp and other fibers; and which may also manufacture converted paperboard products. Pulpmills combined with paperboard mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily

engaged in manufacturing converted paperboard products from purchased paperboard are classified in Groups 264 or 265, and building board in industry 2661. For a detailed list of products of industry 2631, refer to table 6A, product codes 2631110 to 2631800.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of Paperboard Mills in 1967 totaled $2,907.0 million. This included shipments of paperboard mill products (primary products), valued at $2,433.5 million, shipments of other products (secondary products) valued at $452.0 million, and miscellaneous receipts of $21.5 million.

This industry's shipments of paperboard (primary products) in 1967 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 87 percent. Secondary products shipped by this industry in 1967 consisted mainly of paper, except building paper ($262.7 million), and pulp ($104.7 million).

Industry 2631 shipments of paperboard mills products (primary products) in 1967 represented 91 percent (coverage ratio) of these products valued at $2,673.1 million shipped by all industries. In 1963, the coverage ratio was 90 percent. Other industries shipping paperboard mill products (primary products) consisted mainly of industry 2621, Papermills, Except Building Paper, $199.3 million; industry 2611, Pulpmills, $31.3 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2631, these establishments accounted for 0.02 percent of payroll and 0.01 percent of value added by manufacture.

2661--BUILDING PAPER AND BUILDING BOARD MILLS

This industry comprises establishments primarily engaged in manufacturing building paper and building board from woodpulp and other fibrous materials. Pulpmills combined with building paper and building board mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. For a detailed list of products of industry 2661, refer to table 6A, product codes 261110 to 2661200.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of Building Paper and Building Board Mills in 1967 totaled $341.1 million. This included shipments of building paper and board (primary products), valued at $303.6 million, shipments of other products (secondary products) valued at $26.1 million, and miscellaneous receipts (mainly resales) of $11.4 million.

This industry's shipments of building paper and board (primary products) in 1967 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 97 percent. Secondary products shipped by this industry in 1967 consisted mainly of wood products, n.e.c. ($18.4 million), and mineral wool ($2-$5 million).

Industry 2661 shipments of building paper and board (primary products) in 1967 represented 96 percent (coverage ratio) of these products valued at $317.9 million shipped by all industries. In 1963, the coverage ratio was 88 percent. Other industries shipping building paper and board (primary products) consisted mainly of industry 2631, Paperboard Mills, $4.9 million; industry 2621, Papermills, Except Building Paper, $2.1 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2661, these establishments accounted for 0.1 percent of payroll and 0.1 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2611.--PULPMILLS														
1967 Census	61	43	15.1	125.6	12.2	25.4	96.0	333.7	403.2	730.5	121.8	96.7	88	71
1966 ASM[1]	(NA)	(NA)	15.9	123.5	12.7	26.1	92.5	364.5	365.1	725.5	113.3	93.0	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	14.8	112.3	12.0	24.8	84.5	346.1	320.1	658.5	112.2	76.7	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	15.3	113.6	12.4	25.7	85.0	331.6	328.6	662.8	66.6	62.2	(NA)	(NA)
1963 Census	45	40	15.1	107.4	12.2	25.2	81.0	295.8	312.6	609.0	38.9	65.4	88	71
1962 ASM[1]	(NA)	(NA)	13.9	93.4	11.1	23.0	69.3	195.4	286.6	453.6	33.8	63.4	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	13.6	87.9	10.8	22.5	64.5	196.2	270.7	437.6	49.1	58.9	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	14.5	89.9	11.5	24.2	66.2	201.2	275.2	471.9	35.2	62.7	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	14.5	87.1	11.7	24.5	64.8	224.9	261.6	481.0	91.9	52.0	(NA)	(NA)
1958 Census[2]	59	48	14.2	74.8	11.4	22.6	56.5	196.0	231.0	428.0	43.0	52.2	98	73
INDUSTRY 2621.--PAPERMILLS, EXCEPT BUILDING PAPER														
1967 Census	354	313	140.0	1,120.7	112.3	249.2	849.2	2,356.3	2,515.7	4,844.0	581.3	560.3	92	93
1966 ASM[1]	(NA)	(NA)	135.0	1,043.3	109.1	246.2	804.4	2,330.3	2,496.2	4,804.8	575.0	511.0	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	132.6	963.3	107.2	238.1	743.3	2,066.2	2,263.7	4,318.2	496.2	459.8	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	129.6	917.6	105.8	236.0	709.9	1,974.0	2,078.1	4,000.0	295.6	431.7	(NA)	(NA)
1963 Census	325	313	129.8	877.9	105.6	234.6	682.0	1,857.2	1,971.0	3,824.9	232.8	430.2	90	92
1962 ASM[1]	(NA)	(NA)	132.3	859.9	108.7	238.3	663.5	1,904.9	1,967.8	3,857.2	277.1	414.7	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	132.4	818.0	108.4	237.5	638.1	1,865.2	1,871.6	3,712.9	285.2	403.1	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	136.7	820.3	112.7	246.3	629.9	1,877.0	1,887.7	3,754.7	246.5	411.7	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	134.8	790.2	111.8	247.8	614.6	1,829.9	1,848.8	3,668.6	214.5	410.9	(NA)	(NA)
1958 Census[2]	354	318	131.3	741.0	109.3	238.4	570.0	1,542.7	1,728.6	3,259.4	258.8	398.1	90	95
INDUSTRY 2631.--PAPERBOARD MILLS														
1967 Census	283	264	67.0	533.5	53.8	118.2	405.9	1,508.8	1,402.9	2,907.0	398.6	191.9	84	91
1966 ASM[1]	(NA)	(NA)	65.2	499.3	52.3	116.5	380.1	1,460.5	1,396.5	2,853.4	255.0	182.0	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	64.6	469.7	52.2	116.3	360.1	1,382.8	1,274.3	2,652.5	200.1	169.6	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	64.2	450.4	52.0	116.3	345.3	1,271.4	1,213.7	2,491.1	214.4	157.0	(NA)	(NA)
1963 Census	271	259	63.4	429.0	51.3	113.1	327.0	1,186.2	1,131.2	2,316.0	159.5	149.9	87	90
1962 ASM[1]	(NA)	(NA)	58.5	382.5	47.1	105.2	293.8	995.4	1,034.2	2,034.6	125.6	135.9	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	56.9	360.4	45.7	102.6	275.6	921.2	968.7	1,899.9	108.4	131.4	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	58.3	353.8	46.9	105.2	271.1	940.4	925.4	1,882.5	135.7	128.6	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	58.5	345.8	47.5	107.9	269.4	907.0	944.3	1,875.6	117.3	125.1	(NA)	(NA)
1958 Census[2]	252	250	57.1	321.8	47.5	102.8	252.2	840.1	855.2	1,690.9	102.1	130.0	90	90
INDUSTRY 2661.--BUILDING PAPER AND BUILDING BOARD MILLS														
1967 Census	94	74	11.7	82.5	10.0	21.5	67.4	183.7	155.6	341.1	20.3	31.6	92	96
1966 ASM[1]	(NA)	(NA)	12.0	79.7	10.3	22.1	65.2	194.6	162.7	351.2	17.7	34.6	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	11.6	73.5	9.8	21.3	59.6	169.2	147.2	316.5	18.0	27.8	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	11.5	71.4	9.8	21.2	58.4	165.9	139.4	304.2	12.2	27.2	(NA)	(NA)
1963 Census	83	77	11.9	69.6	10.2	21.4	56.9	153.1	130.2	281.6	8.1	26.5	97	88
1962 ASM[1]	(NA)	(NA)	16.7	96.2	13.9	29.7	78.0	203.3	181.2	383.0	13.6	47.5	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	16.3	89.9	13.6	28.2	71.1	190.4	162.6	349.9	28.1	47.4	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	16.3	85.6	13.7	29.2	60.6	195.5	160.5	353.4	17.0	46.1	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	17.5	90.7	14.9	32.2	74.2	207.7	171.7	376.3	13.0	44.4	(NA)	(NA)
1958 Census[2]	169	87	16.6	82.2	14.1	30.1	66.5	175.4	156.1	329.8	13.1	40.1	95	96

Note: In 1967, 1963, and 1958, the number of companies in industry 2611 was 45, 34, and 40, respectively; in industry 2621: 203, 186, and 242; industry 2631: 148, 146, and 149; industry 2661: 43, 33, and 130. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2611.--PULPMILLS								
1967 Census	8,347	81	2,080	3.78	.55	.72	22,168	.38	13.14
1966 ASM	7,747	80	2,053	3.55	.50	.67	22,873	.34	13.98
1965 ASM	7,594	81	2,074	3.41	.49	.66	23,406	.32	13.96
1964 ASM	7,404	81	2,076	3.31	.50	.67	21,610	.34	12.92
1963 Census	7,099	81	2,055	3.22	.51	.69	19,560	.36	11.76
1962 ASM	6,694	79	2,076	3.02	.63	.84	14,007	.48	8.51
1961 ASM	6,456	79	2,090	2.87	.62	.82	14,407	.45	8.72
1960 ASM	6,209	80	2,095	2,74	.58	.77	13,888	.45	8.33
1959 ASM	6,020	81	2,099	2.64	.54	.72	15,553	.39	9.18
1958 Census	5,278	81	1,978	2.49	.54	.71	13,833	.38	8.66
	INDUSTRY 2621.--PAPERMILLS,EXCEPT BUILDING PAPER								
1967 Census	8,006	80	2,219	3.41	.52	.69	16,833	.48	9.46
1966 ASM	7,727	81	2,257	3.27	.52	.74	17,260	.45	9.47
1965 ASM	7,263	81	2,220	3.12	.52	.75	15,578	.47	8.68
1964 ASM	7,078	82	2,230	3.01	.52	.75	15,227	.46	8.37
1963 Census	6,761	81	2,221	2.91	.52	.74	14,303	.47	7.92
1962 ASM	6,497	82	2,192	2.78	.51	.73	14,993	.45	7.99
1961 ASM	6,177	82	2,190	2.69	.50	.72	14,085	.44	7.85
1960 ASM	6,002	82	2,185	2.56	.50	.72	13,734	.44	7.62
1959 ASM	5,862	83	2,217	2.48	.50	.72	13,575	.43	7.38
1958 Census	5,642	83	2,182	2.39	.53	.76	11,747	.48	6.47
	INDUSTRY 2631.--PAPERBOARD MILLS								
1967 Census	7,967	80	2,197	3.43	.48	.67	22,531	.35	12.77
1966 ASM	7,663	80	2,229	3.26	.49	.66	22,416	.34	12.53
1965 ASM	7,272	81	2,228	3.10	.48	.66	21,410	.34	11.89
1964 ASM	7,012	81	2,235	2.97	.49	.67	19,792	.35	10.93
1963 Census	6,767	81	2,204	2.89	.49	.67	18,711	.36	10.48
1962 ASM	6,539	81	2,234	2.79	.70	.51	17,018	.38	9.46
1961 ASM	6,335	80	2,242	2.69	.51	.70	16,191	.39	8.98
1960 ASM	6,066	80	2,243	2.58	.49	.68	16,123	.38	8.94
1959 ASM	5,913	81	2,272	2.50	.50	.69	15,510	.38	8.40
1958 Census	5,636	83	2,162	2.45	.51	.70	14,716	.38	8.17
	INDUSTRY 2661.--BUILDING PAPER AND BOARD MILLS								
1967 Census	7,036	85	2,148	3.14	.46	.70	15,656	.45	8.55
1966 ASM	6,622	85	2,147	2.96	.46	.69	16,164	.41	8.82
1965 ASM	6,350	85	2,173	2.80	.47	.70	14,632	.43	7.95
1964 ASM	6,223	85	2,167	2.76	.46	.69	14,456	.43	7.82
1963 Census	5,865	86	2,103	2.66	.46	.71	12,894	.45	7.17
1962 ASM	5,753	83	2,133	2.62	.47	.72	12,157	.47	6.84
1961 ASM	5,506	83	2,068	2.52	.46	.72	11,658	.47	6.76
1960 ASM	5,235	84	2,122	2.08	.45	.70	11,957	.44	6.70
1959 ASM	5,169	85	2,158	2.31	.46	.70	11,841	.55	6.45
1958 Census	4,954	85	2,134	2.21	.47	.72	10,566	.47	5.83

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2611-- PULPMILLS													
UNITED STATES	61	43	15.1	125.6	12.2	25.4	96.0	333.7	403.2	730.5	121.8	15.1	295.8
NORTHEAST REGION[e]	15	9	1.6	10.8	1.2	2.6	8.4	23.7	52.8	76.3	36.3	1.4	14.9
NEW ENGLAND DIVISION[e]	8	6	1.4	9.8	1.1	2.4	7.6	21.4	48.2	69.3	36.3	(D)	(D)
MAINE[e]	6	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW HAMPSHIRE[e]	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	7	3	.2	1.0	.1	.3	.8	2.3	4.7	7.0	.1	(D)	(D)
NORTH CENTRAL REGION	11	6	.5	3.9	.5	1.0	3.1	7.5	11.9	19.0	25.4	.5	6.5
EAST NORTH CENTRAL DIVISION	10	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WISCONSIN	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	18	12	6.6	54.3	5.3	10.6	40.1	15.5	17.6	328.0	21.7	7.6	153.7
SOUTH ATLANTIC DIVISION	11	7	3.9	32.3	3.1	6.3	24.0	101.0	111.0	209.5	11.9	(D)	(D)
SOUTH CAROLINA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	4	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	6	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSISSIPPI	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	17	16	6.3	56.6	5.3	11.2	44.3	147.3	162.2	307.3	38.4	5.7	120.7
MOUNTAIN DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
IDAHO	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	16	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	10	9	3.9	33.3	3.3	7.1	26.5	86.7	100.7	185.6	(D)	3.8	80.6
OREGON	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALASKA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
2621-- PAPERMILLS, EXCEPT BUILDING PAPER													
UNITED STATES	354	313	140.0	1 120.7	112.3	249.2	849.2	2 356.3	2 515.7	4 844.0	581.3	129.8	1 857.2
NORTHEAST REGION	184	158	52.1	408.4	41.3	94.1	304.5	782.2	898.7	1 674.1	142.4	51.8	651.4
NEW ENGLAND DIVISION	92	80	27.9	217.1	21.9	50.7	159.2	421.3	473.3	891.1	60.0	27.2	347.1
MAINE	16	16	14.6	115.9	11.7	26.5	87.7	224.6	253.6	475.1	25.5	13.5	190.7
NEW HAMPSHIRE[e]	17	13	2.6	16.9	2.2	4.9	13.6	41.0	51.3	92.2	(D)	2.3	20.9
VERMONT	7	6	.5	2.9	.4	.9	2.4	7.9	10.9	18.3	(D)	.5	3.8
MASSACHUSETTS	42	37	9.4	73.4	7.1	16.9	50.4	128.5	137.1	265.8	22.6	10.2	116.8
CONNECTICUT	10	8	.9	7.9	.6	1.5	5.1	19.5	20.4	39.7	(D)	.6	14.8
MIDDLE ATLANTIC DIVISION	92	78	24.2	191.3	19.4	43.4	145.4	360.9	425.4	783.0	82.4	24.6	304.3
NEW YORK	52	41	11.5	88.9	9.4	21.2	70.6	168.3	212.1	379.9	15.7	12.0	138.7
NEW JERSEY	14	12	3.0	23.8	2.2	5.0	17.0	49.6	49.9	98.8	5.1	3.1	47.4
PENNSYLVANIA	26	25	9.8	78.6	7.8	17.2	57.8	142.9	163.4	304.3	61.6	9.5	118.2
NORTH CENTRAL REGION	92	87	41.9	340.1	33.6	75.2	257.6	656.4	729.8	1 376.7	108.8	36.4	509.9
EAST NORTH CENTRAL DIVISION	85	81	36.9	300.5	29.7	67.1	228.2	593.5	651.3	1 236.2	100.8	31.6	455.4
OHIO	16	16	9.6	78.9	7.7	17.9	57.9	169.2	147.7	314.8	14.2	7.5	124.3
INDIANA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	23	21	6.7	55.1	5.4	12.5	42.8	89.6	138.0	227.5	28.1	5.5	75.3
WISCONSIN	38	37	19.3	157.7	15.5	34.4	120.9	317.4	349.7	660.0	(D)	18.1	248.6
WEST NORTH CENTRAL DIVISION	7	6	4.9	39.6	4.0	8.1	29.4	62.9	78.4	140.5	8.1	4.7	54.5
SOUTH REGION	48	42	33.5	270.3	26.9	58.9	206.8	656.4	613.9	1 260.6	259.0	30.4	480.7
SOUTH ATLANTIC DIVISION	22	19	14.2	109.4	11.2	25.2	80.8	283.9	254.4	534.9	34.5	12.2	183.2
DELAWARE	4	4	.3	2.4	.3	.7	1.9	3.8	5.3	9.1	.3	.2	2.4
MARYLAND	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	32.4
NORTH CAROLINA	8	6	6.2	45.9	4.9	11.0	33.7	118.7	100.4	218.4	15.3	5.4	77.5
GEORGIA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	11	9	10.4	88.3	8.5	18.4	68.2	202.1	188.7	388.0	46.0	9.6	160.6
TENNESSEE	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	4	4	5.9	50.0	4.8	10.5	38.9	112.1	95.3	206.5	37.4	5.4	92.1
MISSISSIPPI	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	15	14	8.8	72.6	7.2	15.4	57.8	170.4	170.8	337.6	178.5	8.7	136.9
ARKANSAS	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	33.3
LOUISIANA	6	6	3.8	31.4	3.2	7.0	25.7	74.1	73.8	144.1	(D)	[2](D)	[2](D)
TEXAS	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	30	26	12.5	101.9	10.4	21.0	80.3	261.3	273.4	532.6	71.0	11.3	215.2
MOUNTAIN DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARIZONA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	29	25	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	13	12	7.4	58.0	6.2	12.0	45.9	153.1	138.7	292.0	(D)	7.3	137.0
OREGON	6	6	3.2	26.6	2.6	5.3	20.5	66.8	64.9	130.3	57.5	2.8	53.8
CALIFORNIA	10	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2621-12 INTEGRATED WITH A PULPMILL													
UNITED STATES	107	107	92.5	750.3	74.8	163.8	576.8	1 610.3	1 582.7	3 170.1	417.8	85.0	1 255.0
NORTHEAST REGION	36	36	28.9	227.5	23.3	52.2	174.2	425.7	456.0	876.1	54.6	27.0	339.2
NEW ENGLAND DIVISION	18	18	15.2	119.0	12.1	27.5	89.7	237.7	241.5	476.0	28.6	13.3	180.1
MAINE	13	13	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW HAMPSHIRE	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	18	18	13.7	108.4	11.2	24.7	84.5	188.0	214.5	400.1	26.1	13.7	159.1
NEW YORK	12	12	7.1	55.2	6.0	13.1	45.2	100.0	122.5	221.7	9.8	6.9	80.2
PENNSYLVANIA	6	6	6.6	53.2	5.2	11.6	39.2	88.1	92.0	178.4	16.3	[2](D)	[2](D)
NORTH CENTRAL REGION	28	28	24.3	198.9	19.6	43.5	151.4	378.0	386.0	757.7	70.1	21.7	297.2
EAST NORTH CENTRAL DIVISION	23	23	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	20.0
WISCONSIN	18	18	14.4	117.5	11.5	25.3	90.2	225.8	247.0	468.1	42.9	14.2	196.0
WEST NORTH CENTRAL DIVISION	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	27	27	29.0	240.5	23.4	51.0	185.4	592.0	543.2	1 126.8	224.1	26.7	435.1
SOUTH ATLANTIC DIVISION	8	8	10.4	84.7	8.2	18.7	63.4	235.5	208.6	442.2	(D)	(D)	(D)
MARYLAND	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
FLORIDA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	7	7	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	4	4	5.9	50.0	4.8	10.5	38.9	112.1	95.3	206.5	37.4	5.4	92.1
MISSISSIPPI	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	12	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	33.3
LOUISIANA	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	16	16	10.3	83.3	8.6	17.2	65.7	214.5	197.6	409.5	69.0	9.6	183.4
MOUNTAIN DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARIZONA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	15	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	9	9	6.3	49.7	5.3	10.2	39.4	130.2	113.4	243.4	(D)	[2](D)	[2](D)
OREGON	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.8	53.8
CALIFORNIA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2621-14 NOT INTEGRATED WITH A PULPMILL													
UNITED STATES	247	206	47.5	370.4	37.5	85.1	272.4	746.1	933.1	1 673.9	163.5	44.7	602.2
NORTHEAST REGION	148	122	23.2	180.9	18.1	41.9	130.3	356.5	442.7	798.0	87.8	24.7	312.2
NEW ENGLAND DIVISION	74	62	12.7	98.0	9.8	23.3	69.4	183.7	231.8	415.1	31.4	13.9	167.0
MAINE	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW HAMPSHIRE	15	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VERMONT	6	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	3.8
MASSACHUSETTS	40	35	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	10	8	.9	7.9	.6	1.5	5.1	19.5	20.4	39.7	5.8	.6	14.8
MIDDLE ATLANTIC DIVISION	74	60	10.5	82.9	8.2	18.6	60.9	172.8	210.9	382.9	56.4	10.8	145.2
NEW YORK	40	29	4.4	33.7	3.4	8.1	25.3	68.3	89.6	158.2	5.9	5.1	58.5
NEW JERSEY	14	12	3.0	23.8	2.2	5.0	17.0	49.6	49.9	98.8	5.1	[2](D)	[2](D)
PENNSYLVANIA	20	19	3.2	25.4	2.6	5.6	18.6	54.9	71.4	125.9	45.4	[2](D)	[2](D)
NORTH CENTRAL REGION	64	59	17.6	141.2	14.1	31.7	106.2	278.3	343.8	619.0	38.7	14.7	212.7
EAST NORTH CENTRAL DIVISION	62	58	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	15	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
INDIANA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	19	17	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.0	55.4
WISCONSIN	20	19	4.9	40.2	4.0	9.1	30.6	91.6	102.7	191.9	(D)	3.9	52.7
WEST NORTH CENTRAL DIVISION	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	21	15	4.5	29.8	3.5	7.7	21.4	64.4	70.7	133.8	35.0	3.7	45.6
SOUTH ATLANTIC DIVISION	14	11	3.8	24.6	3.0	6.5	17.4	48.4	45.7	92.8	(D)	(D)	(D)
DELAWARE	4	4	.3	2.4	.3	.7	1.9	3.8	5.3	9.1	.3	.2	2.4
VIRGINIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	6	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
LOUISIANA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2621-14 NOT INTEGRATED WITH A PULPMILL--CONTINUED													
WEST REGION	14	10	2.2	18.5	1.8	3.8	14.6	46.8	75.8	123.1	2.0	1.7	31.8
PACIFIC DIVISION	14	10	2.2	18.5	1.8	3.8	14.6	46.8	75.8	123.1	2.0	1.7	31.8
WASHINGTON	4	3	1.1	8.4	.9	1.8	6.4	23.0	25.3	48.5	.8	[2](D)	[2](D)
CALIFORNIA	9	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
2631-- PAPERBOARD MILLS													
UNITED STATES	283	264	67.0	533.5	53.8	118.2	405.9	1 508.8	1 402.9	2 907.0	398.6	63.4	1 186.2
NORTHEAST REGION	95	86	10.3	78.7	8.4	19.9	61.0	169.6	159.8	329.3	13.8	11.5	140.2
NEW ENGLAND DIVISION	33	29	3.2	23.8	2.6	5.9	18.8	49.8	46.9	96.6	4.4	3.7	41.4
MAINE	4	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW HAMPSHIRE[e]	7	5	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VERMONT	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	10	10	1.4	10.0	1.1	2.5	7.7	19.2	15.6	34.6	.9	1.4	16.1
CONNECTICUT	11	10	1.2	9.4	.9	2.2	7.6	21.8	23.1	45.2	1.2	1.6	18.1
MIDDLE ATLANTIC DIVISION	62	57	7.1	54.9	5.9	14.0	42.2	119.9	112.9	232.6	9.4	7.8	98.8
NEW YORK	22	21	1.9	14.6	1.6	3.8	11.5	24.6	32.1	56.8	(D)	2.6	25.9
NEW JERSEY	21	18	2.6	20.6	2.1	5.3	16.0	52.0	43.7	95.3	(D)	2.7	38.8
PENNSYLVANIA	19	18	2.5	19.6	2.1	4.9	14.8	43.2	37.1	80.6	(D)	2.5	34.1
NORTH CENTRAL REGION	77	75	13.7	104.8	11.1	25.0	82.0	251.7	230.6	481.2	45.6	13.6	210.5
EAST NORTH CENTRAL DIVISION	69	67	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	12.1	189.2
OHIO	24	24	3.4	26.3	2.9	6.8	22.1	60.4	52.5	113.2	10.8	[2](D)	[2](D)
INDIANA	8	8	1.4	10.4	1.2	2.6	8.0	23.7	21.5	45.2	(D)	1.6	22.4
ILLINOIS	12	11	2.2	15.5	1.7	3.7	12.4	35.3	29.9	64.8	(D)	2.2	29.0
MICHIGAN	18	17	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	7	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	8	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3	21.3
IOWA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	79	73	35.7	290.0	28.4	61.1	216.1	897.3	830.3	1 722.1	316.8	32.1	683.1
SOUTH ATLANTIC DIVISION	47	44	23.5	189.6	18.6	40.3	141.3	571.7	546.7	1 114.1	83.0	21.4	465.8
MARYLAND	6	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	8	8	5.0	40.3	3.9	8.6	28.8	123.0	94.2	215.7	8.3	4.6	88.8
WEST VIRGINIA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	6	6	3.1	24.9	2.4	5.2	19.8	46.8	63.5	110.2	18.0	[2](D)	[2](D)
SOUTH CAROLINA	5	5	4.0	33.8	3.1	6.8	24.1	103.5	93.5	195.5	14.1	3.6	76.6
GEORGIA	10	10	6.5	51.9	5.1	10.8	38.4	193.6	178.8	372.4	32.2	6.7	171.2
FLORIDA	9	7	3.9	32.3	3.2	6.9	25.0	92.0	101.6	192.6	(D)	3.9	83.7
EAST SOUTH CENTRAL DIVISION	17	16	4.4	35.6	3.4	7.4	26.5	127.2	104.3	230.7	109.1	2.8	60.3
TENNESSEE	6	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	23.9
ALABAMA	8	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	36.3
MISSISSIPPI	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	15	13	7.9	64.8	6.3	13.4	48.3	198.5	179.3	377.2	124.7	7.9	157.0
ARKANSAS	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
LOUISIANA	6	5	4.8	40.6	4.1	8.4	32.1	107.0	107.5	214.0	(D)	5.5	91.3
OKLAHOMA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	32	30	7.2	60.0	5.9	12.2	46.8	190.2	182.2	374.4	22.3	6.3	152.5
MOUNTAIN DIVISION	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MONTANA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
IDAHO	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	28	27	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OREGON	6	6	1.8	16.4	1.5	3.2	12.7	45.6	56.7	103.5	4.0	1.2	31.0
CALIFORNIA	17	16	2.5	20.4	2.1	4.4	16.5	44.2	49.1	93.7	10.3	2.6	52.4
2631-12 INTEGRATED WITH A PULPMILL													
UNITED STATES	74	73	41.7	340.9	32.9	69.8	254.3	1 075.1	948.5	2 019.3	283.3	37.2	821.7
NORTHEAST REGION	3	3	.5	3.9	.5	1.0	3.1	8.1	9.0	17.0	1.0	.7	7.7
NEW ENGLAND DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
VERMONT	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PENNSYLVANIA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CENTRAL REGION	17	16	4.6	35.0	3.6	7.7	26.5	112.0	74.6	186.0	26.0	3.8	80.6
EAST NORTH CENTRAL DIVISION	15	14	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	3	3	.4	3.2	.3	.8	2.5	12.7	8.6	21.3	8.7	[2](D)	[2](D)
INDIANA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
IOWA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2631-12 INTEGRATED WITH A PULPMILL--CONTINUED													
SOUTH REGION	44	44	32.5	267.8	25.7	54.5	198.7	844.4	764.1	1 063.2	242.3	28.7	629.5
SOUTH ATLANTIC DIVISION	25	25	21.5	176.0	16.9	36.2	130.0	543.5	513.9	1 053.1	(D)	19.1	432.5
VIRGINIA	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.0	82.0
NORTH CAROLINA	3	3	2.8	23.4	2.2	4.8	18.5	43.4	61.1	104.4	17.9	[2](D)	[2](D)
SOUTH CAROLINA	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	7	7	6.2	50.0	4.9	10.4	36.8	190.5	366.2	359.9	31.8	[2](D)	[2](D)
FLORIDA	6	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	10	10	3.7	30.5	2.9	6.1	22.9	114.2	92.6	206.2	(D)	2.3	52.3
TENNESSEE	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	9	9	7.3	61.3	5.9	12.3	45.8	186.8	157.6	343.9	(D)	7.4	144.7
ARKANSAS	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
LOUISIANA	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	10	10	4.0	34.2	3.2	6.6	26.0	110.6	100.8	213.1	14.0	4.0	103.9
MOUNTAIN DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MONTANA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	9	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OREGON	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	31.0
CALIFORNIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
2631-14 NOT INTEGRATED WITH A PULPMILL													
UNITED STATES	209	191	25.3	192.6	20.9	48.4	151.6	433.7	454.4	887.7	115.3	26.1	364.6
NORTHEAST REGION	92	83	9.8	74.8	8.0	18.9	57.9	161.5	150.8	312.2	12.8	10.8	132.5
NEW ENGLAND DIVISION	32	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MAINE	4	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW HAMPSHIRE[e]	7	5	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	10	10	1.4	10.0	1.1	2.5	7.7	19.2	15.6	34.6	.9	1.4	16.1
CONNECTICUT	11	10	1.2	9.4	.9	2.2	7.6	21.8	23.1	45.2	1.2	1.6	18.1
MIDDLE ATLANTIC DIVISION	60	55	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	21	20	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	21	18	2.6	20.6	2.1	5.3	16.0	52.0	43.7	95.3	(D)	[2](D)	[2](D)
PENNSYLVANIA	18	17	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.5	34.1
NORTH CENTRAL REGION	60	59	9.1	69.8	7.5	17.3	55.5	139.7	156.0	295.3	19.6	9.6	129.9
EAST NORTH CENTRAL DIVISION	54	53	8.5	65.6	7.0	16.2	52.3	129.1	148.3	277.0	18.8	(D)	(D)
OHIO	21	21	3.0	23.1	2.6	6.0	19.5	47.8	43.9	91.9	2.2	[2](D)	[2](D)
INDIANA	7	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	9	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	14	13	2.5	20.4	1.9	4.6	15.2	35.4	61.1	96.2	4.1	[2](D)	[2](D)
WISCONSIN	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	6	6	.6	4.3	.5	1.1	3.2	10.7	7.7	18.3	.8	(D)	(D)
KANSAS	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	35	29	3.2	22.2	2.7	6.5	17.4	52.9	66.3	118.9	74.6	3.4	53.6
SOUTH ATLANTIC DIVISION	22	19	2.0	13.6	1.7	4.1	11.3	28.2	32.8	61.0	(D)	2.3	33.3
MARYLAND	6	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	6.8
WEST VIRGINIA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	3	3	.2	1.6	.2	.4	1.3	3.4	2.4	5.8	.1	[2](D)	[2](D)
GEORGIA	3	3	.2	1.8	.2	.5	1.6	3.1	3.2	6.2	.4	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	7	6	.7	5.1	.5	1.3	3.6	13.0	11.7	24.5	(D)	.6	8.0
TENNESSEE	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	6	4	.6	3.5	.4	1.1	2.5	11.7	21.7	33.4	(D)	.6	12.3
TEXAS	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	22	20	3.2	25.8	2.7	5.6	20.8	79.6	81.3	161.3	8.3	2.3	48.6
MOUNTAIN DIVISION	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
IDAHO	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	19	18	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OREGON	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	15	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2661-- BUILDING PAPER AND BOARD MILLS													
UNITED STATES	94	74	11.7	82.5	10.0	21.5	67.4	183.7	155.6	341.1	20.3	11.9	153.1
NORTHEAST REGION	22	19	2.7	18.7	2.1	4.8	14.7	40.6	35.1	75.6	5.6	2.7	34.9
NEW ENGLAND DIVISION	4	3	.4	2.8	.3	.8	2.3	5.5	5.6	11.2	(D)	(D)	4.6
MAINE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
RHODE ISLAND	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	18	16	2.2	15.9	1.8	3.9	12.4	35.1	29.5	64.4	4.9	(D)	30.3
NEW YORK	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	7	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	8	6	.5	3.7	.4	1.0	3.0	9.7	7.0	16.5	(D)	.6	8.3
NORTH CENTRAL REGION	28	21	3.3	23.0	2.9	6.1	18.9	54.8	48.6	105.3	2.9	2.9	35.3
EAST NORTH CENTRAL DIVISION	17	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	17.0
OHIO	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	5.7
ILLINOIS	9	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	7.4
MICHIGAN	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	11	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	18.3
SOUTH REGION	29	24	4.8	33.8	4.1	8.8	27.9	74.0	58.8	132.6	10.9	4.9	65.9
SOUTH ATLANTIC DIVISION	11	7	2.0	14.2	1.7	3.6	11.6	33.6	25.4	58.4	10.0	(D)	(D)
MARYLAND	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	7	7	1.4	9.2	1.2	2.6	7.7	18.4	17.0	35.4	.5	(D)	(D)
ALABAMA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	11	10	1.4	10.4	1.2	2.7	8.6	21.9	16.4	38.9	.4	(D)	(D)
LOUISIANA	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OKLAHOMA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	5	4	.2	1.0	.1	.3	.9	1.7	1.7	3.4	(Z)	.2	2.0
WEST REGION	15	10	1.0	7.0	.9	1.8	5.9	14.3	13.1	27.6	.8	1.4	17.0
PACIFIC DIVISION	14	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OREGON	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	7.7
CALIFORNIA	8	6	.3	2.1	.2	.5	1.7	3.5	3.5	7.2	(D)	[2](D)	[2](D)
2661-12 INTEGRATED WITH A PULPMILL													
UNITED STATES	37	36	8.2	57.6	7.0	15.0	47.1	131.5	114.7	247.9	16.3	9.9	130.6
NORTHEAST REGION	10	10	1.7	11.4	1.3	2.8	9.0	24.1	23.0	47.1	3.1	1.8	22.7
NEW ENGLAND DIVISION	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MAINE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
RHODE ISLAND	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	8	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	12	12	2.9	20.2	2.5	5.3	16.4	49.0	42.3	93.1	1.9	2.6	32.5
EAST NORTH CENTRAL DIVISION	7	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	4	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	6.3
MICHIGAN	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	12	11	3.2	22.2	2.7	5.9	18.4	50.4	41.4	91.7	10.6	4.5	63.2
SOUTH ATLANTIC DIVISION	5	4	1.8	13.3	1.5	3.3	10.8	32.0	23.6	54.7	(D)	(D)	(D)
MARYLAND	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ALABAMA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	5	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
LOUISIANA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OKLAHOMA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	3	3	.5	3.7	.4	.9	3.2	7.9	8.0	16.0	.7	1.0	12.2
PACIFIC DIVISION	3	3	.5	3.7	.4	.9	3.2	7.9	8.0	16.0	.7	1.0	12.2
WASHINGTON	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OREGON	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2661-14 NOT INTEGRATED WITH A PULPMILL													
UNITED STATES	57	38	3.6	25.0	3.0	6.5	20.3	52.2	40.9	93.2	4.0	2.0	22.5
NORTHEAST REGION	12	9	1.0	7.3	.8	1.9	5.7	16.5	12.1	28.4	2.5	.9	12.2
MIDDLE ATLANTIC DIVISION	10	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW JERSEY	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	6	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	16	9	.5	2.8	.4	.8	2.4	5.8	6.3	12.2	1.0	.3	2.8
EAST NORTH CENTRAL DIVISION	10	8	.4	2.5	.3	.7	2.1	5.2	5.6	10.9	(D)	(D)	(D)
ILLINOIS	5	5	.3	1.7	.2	.5	1.5	4.1	4.1	8.3	(D)	.1	1.1
SOUTH REGION	17	13	1.6	11.6	1.4	2.9	9.5	23.6	17.4	40.9	.4	.3	2.7
SOUTH ATLANTIC DIVISION	6	3	.2	.9	.1	.3	.8	1.7	1.9	3.7	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	5	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSISSIPPI	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	6	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
LOUISIANA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	12	7	.5	3.3	.4	.9	2.7	6.3	5.1	11.6	.2	.5	4.8
PACIFIC DIVISION	11	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OREGON	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	7	5	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind. (Z) Under 50 thousand (or under 50 employees).

[1]General Statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250 to 499 employees
CC - 500 to 999 employees
EE - 1,000 to 2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Pulpmills (SIC 2611)	Papermills, except building (SIC 2621)			Paperboard mills (SIC 2631)			Building paper and board mills (SIC 2661)		
		Total	Integrated with a pulpmill facility (2621-12)	Not integrated with a pulp-mill facility (2621-14)	Total	Integrated with a pulpmill facility (2631-12)	Not integrated with a pulp-mill facility (2631-14)	Total	Integrated with a pulpmill facility (2661-12)	Not integrated with a pulp-mill facility (2661-14)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.88	.92	.89	.97	.84	.80	.95	.92	.93	.94
COVERAGE RATIO[2]	71	.93	(NA)	(NA)	.91	(NA)	(NA)	.96	(NA)	(NA)
ESTABLISHMENTS, TOTAL .NUMBER	61	354	107	247	283	74	209	94	37	57
WITH 1 TO 19 EMPLOYEES .DO	18	41	-	41	19	1	18	20	1	19
WITH 20 TO 99 EMPLOYEES .DO	14	73	3	70	97	4	93	44	14	30
WITH 100 EMPLOYEES OR MORE .DO	29	240	104	136	167	69	98	30	22	8
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	15.1	140.0	92.5	47.5	67.0	41.7	25.3	11.7	8.2	3.6
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	125.6	1 120.7	750.3	370.4	533.5	340.9	192.6	82.5	57.6	25.0
PRODUCTION WORKERS:										
AVERAGE FOR YEAR 1,000	12.2	112.3	74.8	37.5	53.8	32.9	20.9	10.0	7.0	3.0
MARCH .DO	12.0	111.5	74.1	37.4	53.5	32.6	21.0	9.6	6.7	2.9
MAY .DO	12.2	111.7	74.5	37.2	53.6	32.7	20.9	9.8	6.9	2.9
AUGUST .DO	12.6	114.5	76.4	38.0	54.2	33.2	21.0	10.3	7.3	3.0
NOVEMBER .DO	12.1	111.5	74.2	37.3	53.8	33.4	20.5	10.3	7.2	3.0
MAN-HOURS .MILLIONS	25.4	249.2	163.8	85.1	118.2	69.8	48.4	21.5	15.0	6.5
JANUARY-MARCH .DO	6.4	63.4	41.6	21.9	29.6	17.6	12.1	5.0	3.4	1.6
APRIL-JUNE .DO	6.4	62.6	41.2	21.3	29.6	17.4	12.2	5.5	3.8	1.6
JULY-SEPTEMBER .DO	6.3	61.0	39.9	21.0	29.2	17.1	12.0	5.5	3.8	1.7
OCTOBER-DECEMBER .DO	6.3	62.2	41.7	20.9	29.8	17.8	12.0	5.6	3.9	1.6
WAGES MILLION DOLLARS	96.0	849.2	576.8	272.4	405.9	254.3	151.6	67.4	47.1	20.3
COST OF MATERIALS, ETC., TOTAL .DO	403.2	2 515.7	1 582.7	933.1	1 402.9	948.5	454.4	155.6	114.7	40.9
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	362.0	2 245.5	1 395.0	850.4	1 217.6	826.6	391.0	121.3	88.8	32.5
COST OF RESALES .DO	.6	17.1	10.6	6.5	9.6	8.2	1.3	10.8	9.4	1.4
FUELS CONSUMED .DO	26.9	155.6	114.5	41.2	133.4	91.9	41.6	12.1	8.1	4.0
PURCHASED ELECTRIC ENERGY .DO	10.0	92.4	59.1	33.2	38.9	19.2	19.7	11.3	8.3	3.0
CONTRACT WORK .DO	3.8	5.1	3.5	1.7	3.4	2.6	.9	.1	(Z)	.1
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	730.5	4 844.0	3 170.1	1 673.9	2 907.0	2 019.3	887.7	341.1	247.9	93.2
VALUE OF RESALES .DO	.7	25.4	16.8	8.5	11.6	8.9	2.7	11.3	9.5	1.8
VALUE ADDED BY MANUFACTURE .DO	333.7	2 356.3	1 610.3	746.1	1 508.8	1 075.1	433.7	183.7	131.5	52.2
MANUFACTURERS' INVENTORIES:										
BEGINNING OF YEAR, TOTAL .DO	90.3	519.7	310.6	209.1	182.9	120.0	62.9	33.3	25.6	7.7
FINISHED PRODUCTS .DO	23.8	147.2	80.0	67.1	41.6	25.1	16.5	16.1	12.3	3.8
WORK IN PROCESS .DO	4.1	53.9	27.6	26.4	8.7	5.0	3.8	3.5	2.8	.7
MATERIALS, SUPPLIES, FUEL, ETC. .DO	62.3	318.6	203.0	115.6	132.6	90.0	42.6	13.7	10.5	3.2
END OF YEAR, TOTAL .DO	96.7	560.3	346.9	213.4	191.9	131.3	60.6	31.6	24.1	7.4
FINISHED PRODUCTS .DO	29.5	167.0	96.9	70.1	47.9	30.5	17.4	14.9	11.1	3.7
WORK IN PROCESS .DO	4.8	62.2	33.7	28.5	7.2	3.9	3.3	2.9	2.2	.7
MATERIALS, SUPPLIES, FUEL, ETC. .DO	62.3	331.1	216.3	114.8	136.8	96.9	39.9	13.8	10.8	3.0
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	123.9	590.9	425.9	164.9	399.8	284.1	115.7	23.0	16.4	6.6
NEW PLANT AND EQUIPMENT, TOTAL .DO	121.8	581.3	417.8	163.5	398.6	283.3	115.3	20.3	16.3	4.0
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	10.8	68.5	40.6	28.0	89.0	37.6	51.5	5.7	5.2	.5
NEW MACHINERY AND EQUIPMENT .DO	111.0	512.8	377.2	135.6	309.5	245.7	63.8	14.5	11.0	3.5
USED PLANT AND EQUIPMENT .DO	2.2	9.6	8.1	1.4	1.2	.8	.4	2.7	.1	2.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2] The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2611-- PULPMILLS											
ESTABLISHMENTS, TOTAL	61	15.1	125.6	12.2	25.4	96.0	333.7	403.2	730.2	121.8	96.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	16	.3	2.5	.2	.6	1.9	6.0	24.7	29.7	55.6	2.7
10 TO 19 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	6	.4	2.7	.3	.7	2.2	4.9	7.2	12.1	(D)	1.1
100 TO 249 EMPLOYEES	7	1.1	9.9	.9	2.0	7.4	24.7	41.1	65.9	(D)	8.4
250 TO 499 EMPLOYEES	13	5.3	43.4	4.1	8.4	31.6	118.7	136.0	250.9	44.1	35.5
500 TO 999 EMPLOYEES	6	4.2	36.8	3.5	7.0	28.2	104.6	107.5	210.2	10.1	35.8
1,000 TO 2,499 EMPLOYEES	3	3.7	30.3	3.1	6.7	24.7	75.1	86.6	161.7	11.9	13.2
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2621-- PAPERMILLS, EXCEPT BUILDING PAPER											
ESTABLISHMENTS, TOTAL	354	140.0	1 120.7	112.3	249.2	849.2	2 356.3	2 515.7	4 844.0	581.3	560.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	21	(Z)	.2	(Z)	(Z)	.1	.3	.4	.7	[2]26.7	.1
5 TO 9 EMPLOYEES[e]	5	(Z)	.2	(Z)	.1	.2	.5	.4	1.0	(Z)	.1
10 TO 19 EMPLOYEES	15	.2	1.5	.2	.4	1.0	2.8	4.6	7.4	.1	.8
20 TO 49 EMPLOYEES	36	1.2	8.9	1.0	2.3	6.7	17.7	26.9	44.9	2.2	4.9
50 TO 99 EMPLOYEES	37	2.8	20.5	2.3	5.2	15.0	46.5	51.3	97.3	2.8	10.9
100 TO 249 EMPLOYEES	84	13.3	101.6	10.5	24.1	74.3	219.1	296.2	514.0	127.8	57.7
250 TO 499 EMPLOYEES	66	23.7	188.2	18.1	43.1	143.6	401.2	461.5	854.0	113.1	109.6
500 TO 999 EMPLOYEES	52	37.3	298.6	30.5	66.7	235.5	639.9	736.9	1 372.3	136.2	157.8
1,000 TO 2,499 EMPLOYEES	35	61.4	501.0	48.5	107.0	372.7	1 027.8	937.6	1 952.3	172.2	218.2
2,500 EMPLOYEES OR MORE	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2621-12 INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL	107	92.5	750.3	74.8	163.8	576.8	1 610.3	1 582.7	3 170.1	417.8	346.9
20 TO 49 EMPLOYEES	1	1.6	12.9	1.3	3.0	9.8	34.8	39.3	73.4	157.1	9.3
50 TO 99 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES	23	9.0	71.1	7.7	17.0	58.2	162.5	180.7	337.7	(D)	42.3
500 TO 999 EMPLOYEES	39	28.5	228.0	23.6	51.5	183.0	491.0	552.6	1 040.0	111.0	112.1
1,000 TO 2,499 EMPLOYEES	30	53.2	438.1	42.0	92.6	325.8	922.0	810.0	1 719.0	149.6	183.1
2,500 EMPLOYEES OR MORE	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2621-14 NOT INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL	247	47.5	370.4	37.5	85.1	272.4	746.1	933.1	1 673.9	163.5	213.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	21	(Z)	.2	(Z)	(Z)	.1	.3	.4	.7	26.7	.1
5 TO 9 EMPLOYEES[e]	5	(Z)	.2	(Z)	.1	.2	.5	.4	1.0	(Z)	.1
10 TO 19 EMPLOYEES	15	.2	1.5	.2	.4	1.0	2.8	4.6	7.4	.1	.8
20 TO 49 EMPLOYEES	35	15.7	118.1	12.3	28.6	86.3	248.5	335.0	582.9	57.1	64.3
50 TO 99 EMPLOYEES	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	75	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES	43	14.6	117.1	11.5	26.3	85.4	238.8	280.9	516.4	(D)	67.3
500 TO 999 EMPLOYEES	13	8.8	70.6	6.9	15.3	52.6	149.2	184.3	332.3	25.2	45.7
1,000 TO 2,499 EMPLOYEES	5	8.2	62.9	6.5	14.4	46.9	105.9	127.5	233.3	22.6	35.1
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2631-- PAPERBOARD MILLS											
ESTABLISHMENTS, TOTAL	283	67.0	533.5	53.8	118.2	405.9	1 508.8	1 402.9	2 907.0	398.6	191.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	9	(Z)	.3	(Z)	(Z)	.2	.2	.5	.8	114.9	.1
5 TO 9 EMPLOYEES[e]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	8	.1	.6	.1	.2	.5	1.5	2.1	3.6	.1	.3
20 TO 49 EMPLOYEES	36	1.3	9.5	1.1	2.6	7.6	16.9	15.3	32.1	(D)	1.6
50 TO 99 EMPLOYEES	61	4.5	33.7	3.7	8.6	26.6	74.9	73.7	148.9	6.7	9.5
100 TO 249 EMPLOYEES	96	15.1	114.8	12.5	28.5	90.1	271.3	279.7	550.2	81.8	36.0
250 TO 499 EMPLOYEES	40	13.7	113.0	11.1	24.5	87.2	355.5	309.8	665.8	26.5	45.2
500 TO 999 EMPLOYEES	18	12.5	105.5	9.9	22.3	80.3	333.6	311.6	643.5	51.3	37.8
1,000 TO 2,499 EMPLOYEES	12	19.7	156.2	15.3	31.5	113.4	455.0	410.1	862.1	117.4	61.4
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories
		Number	Payroll	Number	Man-hours	Wages					
	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2631-12 INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL	74	41.7	340.9	32.9	69.8	254.3	1 075.1	948.5	2 019.3	283.3	131.3
10 TO 19 EMPLOYEES	1	.3	2.5	.2	.6	2.1	5.6	5.4	10.9	[2]99.3	.1
20 TO 49 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	21	3.6	28.9	3.0	6.3	22.4	87.9	76.3	163.9	(D)	9.0
250 TO 499 EMPLOYEES	21	7.9	66.9	6.3	13.7	51.7	229.6	192.8	422.8	20.0	28.5
500 TO 999 EMPLOYEES	14	10.2	86.5	8.0	17.8	64.8	297.2	263.9	559.6	46.6	32.3
1,000 TO 2,499 EMPLOYEES	12	19.7	156.2	15.3	31.5	113.4	455.0	410.1	862.1	117.4	61.4
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2631-14 NOT INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL	209	25.3	192.6	20.9	48.4	151.6	433.7	454.4	887.7	115.3	60.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	9	(Z)	.3	(Z)	(Z)	.2	.2	.5	.8	[2]104.0	.1
5 TO 9 EMPLOYEES[c]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	7	5.6	41.4	4.7	10.8	32.7	87.8	85.7	173.7	(D)	11.3
20 TO 49 EMPLOYEES	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	58	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	75	11.5	85.9	9.5	22.2	67.7	183.4	203.4	386.3	(D)	27.0
250 TO 499 EMPLOYEES	19	5.9	46.1	4.8	10.8	35.5	125.9	117.0	243.0	6.6	16.7
500 TO 999 EMPLOYEES	4	2.3	19.0	2.0	4.5	15.5	36.4	47.7	83.9	4.7	5.5
ESTABS. COVERED BY ADMIN. RECORDS[1]	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2661-- BUILDING PAPER AND BOARD MILLS											
ESTABLISHMENTS, TOTAL	94	11.7	82.5	10.0	21.5	67.4	183.7	155.6	341.1	20.3	31.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	11	.1	.9	.1	.2	.8	1.9	1.7	3.8	[2]8.9	.3
5 TO 9 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	26	.8	5.2	.8	1.6	4.4	8.9	10.0	18.9	.8	1.0
50 TO 99 EMPLOYEES	18	1.2	8.4	1.0	2.2	7.0	16.1	16.3	32.6	.6	2.1
100 TO 249 EMPLOYEES	18	2.9	19.8	2.5	5.3	16.4	50.0	45.1	95.8	3.5	9.2
250 TO 499 EMPLOYEES	7	2.3	15.7	1.9	4.0	12.2	32.5	28.4	60.7	3.1	5.6
500 TO 999 EMPLOYEES	3	4.3	32.5	3.8	8.2	26.7	74.3	54.0	129.4	3.4	13.5
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
2661-12 INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL	37	8.2	57.6	7.0	15.0	47.1	131.5	114.7	247.9	16.3	24.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	1	.1	.6	.1	.1	.5	.8	2.0	2.8	[2] 10.4	.1
20 TO 49 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	11	.7	5.0	.6	1.3	4.1	10.0	9.3	19.4	(D)	1.1
100 TO 249 EMPLOYEES	13	2.2	15.2	1.9	4.1	12.7	37.5	34.3	72.4	(D)	6.9
250 TO 499 EMPLOYEES	5	5.2	36.7	4.5	9.4	29.7	83.2	69.2	153.4	6.0	16.1
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2661-14 NOT INTEGRATED WITH A PULPMILL											
ESTABLISHMENTS, TOTAL	57	3.6	25.0	3.0	6.5	20.3	52.2	40.9	93.2	4.0	7.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	10	.9	5.4	.8	1.7	4.9	10.0	9.8	19.9	[2]3.4	1.1
5 TO 9 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	7	.5	3.4	.4	.9	2.8	6.1	7.1	13.2	(D)	1.0
100 TO 249 EMPLOYEES	5	.7	4.7	.6	1.2	3.7	12.5	10.9	23.5	(D)	2.4
250 TO 499 EMPLOYEES	2	1.4	11.5	1.2	2.7	9.1	23.6	13.1	36.7	.5	3.0
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See appendix, Explanation of Terms.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for these items are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [c]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees). - Represents zero.

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2611	Pulpmills	1967.. 730.5	642.6	86.0	1.9	88	904.8	642.6	262.2	71
		1963.. 609.0	539.2	68.6	1.2	88	726.0	539.2	186.7	71
2621	Papermills, except building paper	1967.. 4,844.0	4,417.7	377.7	48.6	92	4,739.5	4,417.7	321.8	93
		1963.. 3,824.9	3,420.4	372.1	32.5	90	3,724.0	3,420.4	303.7	92
2631	Paperboard mills	1967.. 2,907.0	2,433.5	452.0	21.5	84	2,673.1	2,433.5	239.6	91
		1963.. 2,316.0	1,960.3	343.7	12.0	87	2,184.7	1,960.3	224.4	90
2661	Building paper and board mills	1967.. 341.1	303.6	26.1	11.4	92	317.9	303.6	14.3	96
		1963.. 281.6	264.4	8.8	8.3	97	300.0	264.4	35.1	88

Note: See Appendix, Explanation of Terms. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry and miscellaneous receipts	All industries	Pulpmills (SIC 2611)	Papermills, except building paper (SIC 2621)	Paperboard mills (SIC 2631)	Building paper and board mills (SIC 2661)	Other industries
	Total shipments and receipts of the industry	(X)	730.5	4,844.0	2,907.0	341.1	(X)
2611-	Pulp	904.8	642.6	142.0	104.7	(under 2)	(10-20)
26111	Special alpha and dissolving woodpulp	227.2	(200-500)	(under 2)	-	-	-
26112	Other pulp including wood, and pulpmill byproducts, except tall oil	673.8	413.6	(100-200)	104.7	(under 2)	(10-20)
26110	Products of pulpmills, n.s.k.	3.8	(2-5)	-	-	-	(under 2)
2621-	Papermill products, except building paper	4,739.5	40.0	4,417.7	262.7	-	19.1
26211	Newsprint	321.8	-	(200-500)	(over 2)	-	-
26212	Groundwood paper, uncoated	192.6	-	(100-200)	(over 2)	-	-
26213	Coated printing and converting paper	818.1	(10-20)	793.6	(5-10)	-	(under 2)
26214	Book paper, uncoated	583.4	(10-20)	571.7	(under 2)	-	(under 2)
26215	Bleached bristols (excluding cotton fiber index and bogus)	210.6	(5-10)	(100-200)	61.1	--	-
26216	Writing and related papers	934.9	(2-5)	926.3	(under 2)	-	5.8
26217	Unbleached kraft packaging and industrial converting paper	503.1	(under 2)	370.5	132.2	-	(under 2)
26218	Packaging and industrial converting paper, except unbleached kraft	283.8	-	267.4	15.1	-	1.3
26219	Special industrial paper	193.2	(2-5)	179.9	3.3	-	(5-10)
26210	Tissue paper and other machine creped paper	692.8					
26210	Papermills, except building papermills, n.s.k.	5.2	(under 2)	675.5	(10-20)	-	2.9
2631-	Paperboard mill products	2,673.1	31.3	199.3	2,433.5	(under 2)	(5-10)
26311	Unbleached kraft packaging and industrial converting paperboard	974.8	(under 2)	(50-100)	912.0	-	-
26312	Bleached packaging and industrial converting paperboard	522.6	(20-50)	111.2	386.9	-	(under 2)
26313	Semichemical paperboard	249.9	(over 2)	2.1	287.0	-	(under 2)
26314	Combination paperboard: Shipping containerboard	175.6	-	(5-10)	168.1	-	(over 2)
26315	Combination paperboard: Bending	369.7	(under 2)	(5-10)	360.7	-	-
26316	Combination paperboard: Nonbending	119.2	-	6.4	112.8	-	-
26317	Special combination packaging and industrial converting paperboard	145.9	-	2.3	143.5	-	0.1
26318	Wet machine board	36.4	-	1.9	28.4	(under 2)	
26310	Paperboard mills products, n.s.k.	34.0	-	-	34.0	-	-
2661-	Building paper and board	317.9	-	2.1	4.9	303.6	7.3
26611	Insulating board	177.3	-	(under 2)	(under 2)	169.9	(5-10)
26612	Construction paper	135.3	-	(under 2)	4.6	(100-200)	(under 2)
26610	Building paper and board, n.s.k.	5.3	-	-	(under 2)	(5-10)	-
	Other product shipments by 4-digit product group						
2299-	Textile goods, n.e.c.	(X)	-	(2-5)	-	(under 2)	(X)
2411-	Logging products and contract logging	(X)	(under 2)	(2-5)	-	-	(X)
2421-	Sawmill and planing mill products	(X)	(under 2)	-	-	-	(X)
2499-	Wood products, n.e.c.	(X)	-	(2-5)	-	18.4	(X)
2641-	Coated and glazed paper	(X)	-	6.1	(over 2)	-	(X)
2643-	Bags, except textile bags	(X)	-	(under 2)	(5-10)	-	(X)
2645-	Die-cut paper and board	(X)	-	(2-5)	21.9	-	(X)
2647-	Sanitary paper products	(X)	-	(over 2)	-	-	(X)
2649-	Converted paper products, n.e.c.	(X)	-	4.5	-	-	(X)
2812-	Alkalies and chlorine	(X)	(over 2)	-	-	-	(X)
2819-	Industrial inorganic chemicals, n.e.c.	(X)	(under 2)	-	(5-10)	-	(X)
2861-	Gum and wood chemicals	(X)	3.5	8.0	24.1	-	(X)
2899-	Chemical preparations, n.e.c.	(X)	-	-	(5-10)	-	(X)
3296-	Mineral wool	(X)	-	-	-	(over 2)	(X)
	Other secondary products	(X)	1.8	3.6	1.6	1.3	(X)
	Miscellaneous receipts	(X)	1.9	48.6	21.5	11.4	(X)
93000	Contract and commission work	(X)	-	3.7	-	-	(X)
99989	Resales	(X)	.7	25.4	11.6	11.3	(X)
99980	Other miscellaneous receipts	(X)	1.2	19.5	10.0	0.1	(X)
	Listing of the other industries with over $2 million shipments of the primary products						
2611-	2818 Industrial organic chemicals, n.e.c.	(X)	(X)	(X)	(X)	(X)	(over 2)
2621-	2821 Plastics materials and resins	(X)	(X)	(X)	(X)	(X)	(2-5)
2621-	3861 Photographic equipment and supplies	(X)	(X)	(X)	(X)	(X)	(5-10)
2631-	2653 Corrugated and solid fiber boxes	(X)	(X)	(X)	(X)	(X)	(over 2)
2631-	3079 Miscellaneous plastics products	(X)	(X)	(X)	(X)	(over 2)	(over 2)
2661-	2421 Sawmill and planing mill products	(X)	(X)	(X)	(X)	(X)	(over 2)
2661-	2499 Wood products, n.e.c.	(X)	(X)	(X)	(X)	(X)	(over 2)

Note: Data shown parenthetically above are expressed in millions of dollars.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of item.

Standard notes: - Represents zero. (X) Not applicable. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967					1963				
		Production for all purposes[1] (1,000 short tons)	Total value of shipments, including interplant transfers[2 3]		Interplant transfers[2 3]		Production for all purposes (1,000 short tons)	Total value of shipments, including interplant transfers[2 3]		Interplant transfers[2 3]	
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2611- --	PULP, TOTAL	(X)	(X)	904.8	(X)	172.6	(X)	(X)	726.0	1,721	150.8
26111 11	Special alpha and dissolving woodpulp (sulfite and sulfate)[4]	1,448	1,435	227.2	(D)	(D)	1,371	1,365	210.0	11	1.4
26112 --	Other pulp, including wood, and pulpmill byproducts, except tall oil.	(X)	(X)	673.8	(X)	(D)	(X)	(X)	515.8	(X)	149.4
	Woodpulp (except special alpha and dissolving)	35,618	5,659	591.9	1,686	161.3	30,971	4,520	444.4	1,553	140.2
	Sulfite:										
26112 16	Bleached	2,563	1,118	128.2	429	43.8	2,203	1,006	108.9	437	45.3
26112 26	Unbleached	405	181	17.1	(D)	(D)	483	129	10.4	58	5.2
	Sulfate:										
26112 31	Bleached softwood (brightness over 75)	8,471	2,057	231.8	440	50.4	6,438	2,320	239.1	570	52.8
26112 35	Bleached hardwood (brightness over 75)		1,269	132.6	380	38.0					
26112 39	Semibleached (brightness 45 to 72)	1,531	320	32.4	(D)	(D)	1,758	213	21.8	41	3.8
26112 43	Unbleached	13,924	246	20.4	49	4.0	11,810	323	27.7	73	7.6
26112 51	Soda woodpulp	222	-	-	-	-	350	126	13.6	89	9.4
26112 65	Groundwood, bleached and unbleached	3,879	137	9.1	60	3.9	3,596	187	12.6	103	7.6
26112 72	Semichemical	3,163	220	12.9	201	11.8	2,712	138	6.5	138	6.5
26112 75	Defibrated or exploded	1,336	-	-	-	-	1,479	11	(Z)	(X)	(X)
26112 79	Screenings, off-quality, damaged, etc	124	111	7.4	(D)	(D)	142	67	3.5	44	2.0
	Pulp, other than wood, and miscellaneous pulpmill products, n.e.c.:										
26112 81	Cotton linter pulp	121	103	33.0	(D)	(D)	221	163	34.8	10	1.9
26112 85	Other pulp, including pulp made from straw, rag, flax, deinked paper, bagasse, etc	350	144	21.3	(D)	(D)	520	133	14.9	29	4.5
26112 87	Turpentine sulfate (quantity in million gallons)	36	35	8.9	2	.3	46	28	3.2	(Z)	(Z)
26112 89	Other cooking liquor byproducts (skimmings, binders, fuel, etc.)	(S)	(S)	18.8	(S)	2.9	101	438	18.5	118	2.7
26110 00	Products of pulpmills, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	2.1	(X)	(X)	(X)	(X)	(Z)	(X)	(X)
26110 02	Products of pulpmills, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	(X)	1.7	(X)	(X)					

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Production for all purposes [5] (1,000 short tons)	Total value of shipments, including interplant transfers [2] [3]		Interplant transfers [2] [3]	
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
		1967				
2621- --	PAPERMILL PRODUCTS, EXCEPT BUILDING PAPER, TOTAL	20,937.6	20,708.0	4,739.5	4,374.7	835.0
26211 00	Newsprint	2,547.2	2,538.6	321.8	(D)	(D)
26212 --	Groundwood paper, uncoated	1,163.5	1,123.6	192.6	(D)	(D)
26212 10	Publication and printing	961.8	927.0	151.4	(D)	(D)
26212 30	Body stock for coating	201.7	196.6	41.2	54.6	11.4
26212 50	Other converting and miscellaneous groundwood					
26213 --	Coated printing and converting paper	3,164.4	3,126.3	818.1	38.4	11.2
26213 10	Coated, one side	355.8	337.4	116.2	9.1	3.7
26213 30	Coated, two sides	2,798.5	2,778.9	698.5	(D)	(D)
	Prime-coated body stock for further coating:					
26213 50	Produced for shipment to establishments without papermaking equipment	10.1	10.0	3.4	(D)	(D)
26213 60	Produced for own use or for shipment to establishments with papermaking equipment (memo only, not included in totals)	211.0	(X)	(X)	(X)	(X)
26214 --	Book paper, uncoated	2,287.1	2,230.7	583.4	124.0	29.9
26214 10	Publication and printing	1,381.2	1,367.5	378.0	116.3	28.1
	Body stock for coating:					
26214 30	Produced for shipment to establishments without papermaking equipment	41.5	40.9	10.6	-	-
26214 50	Produced for own use or for shipment to establishments with papermaking equipment (memo only, not included in totals)	195.4	(X)	(X)	(X)	(X)
26214 60	Other converting and miscellaneous book paper	864.4	822.3	194.8	7.7	1.8
26215 --	Bleached bristols (excluding cotton fiber index and bogus)	985.7	957.8	210.6	30.7	7.6
26215 10	Tabulating index	543.0	533.3	102.9	(D)	(D)
26215 30	Tag and file folder	243.0	234.9	49.1	(D)	(D)
26215 50	Other uncoated bristols	150.0	144.1	43.7	(D)	(D)
26215 60	Coated bristols	49.7	45.5	14.9	(D)	(D)
26216 --	Writing and related papers	2,567.6	2,544.3	934.9	175.9	51.1
26216 10	Writing, cotton fiber, including cotton fiber index	159.8	154.9	97.9	(D)	(D)
26216 30	Writing, chemical woodpulp	1,914.5	1,906.3	587.6	151.5	42.5
26216 50	Cover, text	191.9	186.4	79.7	(D)	(D)
26216 70	Thin paper	229.1	226.4	147.1	10.5	4.6
26216 90	Other writing, and related paper	72.3	70.3	22.6	(D)	(D)
26217 --	Unbleached kraft packaging and industrial converting paper	3,563.2	3,526.3	503.1	1,248.6	167.9
26217 10	Wrapping	390.8	384.4	59.6	63.6	9.4
26217 30	Shipping sack	919.2	906.5	133.8	412.5	58.6
26217 50	Bag and sack (other than shipping sack)	1,600.0	1,614.2	204.3	668.9	82.8
26217 60	Other converting (18 pounds and over)	653.2	621.2	105.4	103.6	17.1
26218 --	Packaging and industrial converting paper except unbleached kraft	1,108.1	1,109.2	283.8	274.3	66.2
26218 10	Wrapping	195.7	191.7	41.7	48.7	12.4
26218 30	Shipping sack including combination kraft and rope bleached and semibleached	78.2	75.2	12.9	34.2	7.4
26218 50	Other bag and sack	182.0	183.6	33.7	69.7	12.9
26218 60	Other converting (18 pounds and over)	474.9	479.8	117.1	97.0	22.5
26218 80	Glassine, greaseproof and vegetable parchment	177.3	178.9	78.4	24.7	11.0
26219 00	Special industrial paper	390.7	390.2	193.2	19.1	13.5
26210 --	Tissue paper and other machine creped paper	3,160.1	3,161.0	692.8	2,278.7	459.1
	Sanitary paper:					
26210 10	Toilet tissue	1,120.3	1,115.4	232.8	829.1	161.4
26210 30	Facial tissue, other than toweling napkin, and toilet	360.4	358.1	93.2	268.5	64.8
26210 50	Napkin	333.1	338.6	76.6	198.0	42.5
26210 60	Toweling, excluding wiper stock but including facial tissue stock for towels	978.8	977.4	186.7	815.0	147.3
26210 70	Other sanitary, including sanitary napkin stock, wadding and wiper stock	127.3	125.4	35.4	81.7	21.7
26210 80	Tissue paper, excluding sanitary and thin	240.2	246.1	68.1	86.4	21.4
26210 00	Papermills, except building papermills, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	4.6	(X)	(X)
26210 02	Papermills, except building papermills, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	(X)	0.6	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Production for all purposes [5] (1,000 short tons)	Total value of shipments, including interplant transfers [2] [3]		Interplant transfers [2] [3]	
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
		1963				
2621- --	PAPERMILL PRODUCTS, EXCEPT BUILDING PAPERMILLS, TOTAL	17,012.5	17,174.1	3,724.0	4,297.5	817.2
26211 11	Newsprint	2,213.4	2,236.5	270.8	128.9	15.8
26212 --	Groundwood paper, uncoated	956.4	982.5	165.6	29.8	5.8
26212 23	Publication and printing	806.7	811.1	134.0	-	(X)
26212 25	Body stock for coating	35.2	35.2	6.9	25.8	4.3
26212 29	Other converting and miscellaneous groundwork	114.5	136.2	24.7	4.0	1.5
26213 --	Paper-machine coated paper	2,114.0	2,171.8	498.6	11.7	2.7
	Printing and converting paper:					
26213 11	Coated, one side	174.2	181.5	61.3	6.6	1.4
26213 13	Coated, two sides	1,939.8	1,990.3	437.4	5.1	1.4
26214 --	Book paper, uncoated	1,886.3	2,050.7	500.1	291.7	66.3
26214 12	Publication and printing	1,151.7	1,159.4	303.3	122.7	30.1
26214 35	Body stock for coating	(S)	229.3	51.8	126.3	25.2
26214 39	Other converting and miscellaneous book	700.9	662.0	145.0	42.7	11.0
26215 --	Fine paper, including thin paper	2,103.6	2,090.4	762.6	127.8	35.0
26215 42	Writing, cotton fiber, including cotton fiber index	118.8	123.7	80.0	1.0	0.9
26215 52	Writing, chemical wood pulp	1,480.8	1,478.5	452.0	102.1	28.1
26215 62	Bristols, (except cotton fiber index and bogus)	156.0	138.3	38.5	17.5	3.0
26215 72	Cover, text, and colored school paper	172.8	167.7	63.4	1.6	0.7
26215 82	Thin paper	175.1	182.2	128.7	5.6	2.3
26216 --	Coarse paper	4,250.9	4,190.5	721.3	1,573.9	257.1
	Unbleached kraft paper:					
26216 01	Wrapping	384.3	405.8	59.7	56.9	8.4
26216 14	Shipping sack	884.7	869.9	116.6	377.0	50.1
26216 17	Bag and sack (other than shipping sack)	1,251.4	1,266.5	155.5	750.6	99.4
26216 29	Other converting (18 lbs. and over)	664.6	591.5	111.0	116.8	24.0
26216 32	Glassine, greaseproof and vegetable parchment	193.8	194.0	79.6	67.6	22.7
	Other coarse paper:					
26216 42	Wrapping	191.3	213.6	50.0	34.5	8.5
26216 53	Shipping sack including combination kraft and rope, bleached and semibleached	67.0	64.4	13.7	27.7	6.5
26216 55	Other bag and sack	130.4	125.0	23.9	57.0	10.3
26216 59	Other converting (18 lbs. and over)	483.4	459.7	111.3	85.8	27.3
26217 59	Special industrial paper (excluding windshield wiper stock and industrial wipe)	911.6	888.2	255.0	43.8	17.2
26218 --	Sanitary tissue stock	2,576.4	2,561.0	547.4	2,087.5	416.9
	Sanitary tissue stock:					
26218 12	Toweling (excludes wiper stock but includes facial tissue stock for towels)	666.1	645.6	114.8	582.6	98.1
26218 32	Toilet tissue	1,054.6	1,038.1	213.2	893.2	176.2
26218 42	Napkin	262.5	260.0	60.2	164.4	35.0
26218 51	Facial tissue stock other than toweling, napkin and toilet	278.6	311.5	76.4	284.7	67.2
26218 62	Other sanitary tissue stock and sanitary napkin stock wadding (include wiper stock)	78.5	78.4	21.3	55.4	14.4
26218 78	Tissue paper, excluding sanitary and thin	236.0	227.3	61.4	107.2	26.0
26210 00	Papermills, except building papermills, n.s.k.	(X)	2.5	2.7	2.5	0.5

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Production for all purposes [5] (1,000 short tons)	Total value of shipments, including interplant transfers [2] [3]		Interplant transfers [2] [3]	
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
			1967			
2631- --	PAPERBOARD MILL PRODUCTS, TOTAL	22,656.7	22,164.3	2,673.1	6,495.4	761.9
26311 --	Unbleached kraft packaging and industrial converting paperboard	9,230.5	8,946.9	974.8	2,212.2	250.6
26311 10	Unbleached linerboard	8,805.5	8,533.3	923.8	2,090.7	237.9
26311 30	Corrugating medium	(D)	(D)	(D)	(D)	(D)
26311 50	Folding carton type board	204.1	199.1	27.1	(D)	(D)
26311 70	Tube, can and drum paperboard	112.8	109.4	12.1	(D)	(D)
26311 90	Other unbleached packaging and industrial converting kraft paperboard	(D)	(D)	(D)	(D)	(D)
26312 --	Bleached packaging and industrial converting paperboard	3,031.1	2,938.9	522.6	1,064.3	183.7
26312 10	Folding carton type board	1,072.5	1,006.9	184.7	333.1	61.9
26312 30	Milk carton board	783.9	778.3	144.7	475.0	78.0
26312 50	Heavyweight cup stock	379.6	376.0	64.8	(D)	(D)
26312 60	Plate, dish, and food serving stock	242.5	238.9	42.4	72.6	12.1
26312 70	Linerboard	240.8	231.6	34.3	46.0	6.2
26312 80	Tube, can and drum paperboard	107.4	107.4	12.8	(D)	(D)
26312 90	Other bleached packaging and industrial converting paperboard	204.4	199.8	38.9	45.7	8.0
26313 --	Semichemical paperboard	2,863.3	2,773.2	294.9	(D)	(D)
26313 10	Corrugating medium	(D)	(D)	(D)	(D)	(D)
26313 30	Other semichemical paperboard	(D)	(D)	(D)	(D)	(D)
26314 --	Combination paperboard: Shipping containerboard	1,764.2	1,760.4	175.6	433.6	41.3
26314 10	Linerboard	627.5	613.2	61.0	218.9	20.9
26314 30	Corrugating medium	818.4	827.6	83.1	118.4	11.5
26314 50	Container chip and filler board	318.3	319.6	31.5	96.3	8.9
26315 --	Combination paperboard: Bending	2,921.8	2,920.5	369.7	873.0	113.3
26315 10	Bending chip	724.6	721.8	79.1	125.5	13.3
26315 30	Kraftlined	165.6	164.6	21.4	36.2	4.8
26315 50	Whitelined	748.1	746.0	90.8	214.4	25.8
26315 70	Clay coated	1,014.9	1,021.9	147.1	440.5	62.2
26315 90	Other combination bending paperboard	268.6	266.2	31.3	56.4	7.2
26316 --	Combination paperboard: Nonbending	1,086.8	1,079.7	119.2	(D)	(D)
26316 10	Plain chip	359.9	362.9	36.1	47.8	4.5
26316 30	Newslined	270.3	267.0	26.2	36.7	3.2
26316 50	Whitelined	102.6	103.4	16.0	(D)	(D)
26316 60	Other combination nonbending paperboard	354.0	346.4	40.9	24.3	2.5
26317 --	Special combination packaging and industrial converting paperboard	1,606.5	1,592.0	145.9	646.5	51.6
26317 30	Gypsum linerboard	683.8	676.8	57.1	(D)	(D)
26317 50	Tube, can and drum stock	456.9	447.4	39.9	(D)	(D)
26317 70	Panelboard and wallboard stock	116.4	114.7	9.3	(D)	(D)
26317 90	Other special combination packaging and industrial converting paperboard	349.4	353.0	39.6	44.9	5.7
26318 00	Wet machine board	152.5	152.7	36.4	(D)	(D)
26310 00	Paperboard mills n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	33.8	(X)	(X)
26310 02	Paperboard mills n.s.k. (For companies with less than 10 employees. See Note.)	(X)	(X)	0.2	(X)	(X)
			1963			
2631- --	PAPERBOARD MILL PRODUCTS, TOTAL	18,380.1	18,602.4	2,184.7	6,861.9	819.0
26311 --	Unbleached kraft packaging and industrial converting paperboard	10,425.1	10,395.0	1,106.0	3,567.2	381.3
26311 12	Liners	7,123.8	6,974.6	766.1	2,436.8	266.6
26311 32	Corrugating material	3,021.7	3,116.7	310.9	1,060.2	107.9
26311 52	Container chipboard	279.6	303.7	29.0	70.1	6.8
26312 11	Special food board	1,737.0	1,924.0	320.2	996.1	179.2
26313 12	Folding boxboard stock, except special food board	3,164.9	3,182.6	420.0	1,201.9	166.4
26314 12	Setup boxboard	636.9	690.8	66.2	60.2	6.0

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Production for all purposes [5] (1,000 short tons)	Total value of shipments, including interplant transfers [2] [3]		Interplant transfers [2] [3]	
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
		1963--CONTINUED				
	PAPERBOARD MILL PRODUCTS--CONTINUED					
26315 --	Combination paperboard: Bending	2,275.5	2,228.5	233.4	1,033.0	84.8
26315 11	Special paperboard	1,581.5	1,575.0	144.6	906.4	70.2
26315 31	Cardboard (including bogus bristol)	108.8	106.6	26.5	11.4	2.5
26315 51	Other bending board	240.2	199.9	26.0	63.9	7.0
26315 98	Other nonbending board	345.0	347.0	36.4	51.3	5.2
26315 12	Wet machine board	140.7	138.6	37.3	3.4	1.3
26310 00	Paperboard mills, n.s.k.	(X)	(X)	1.5	(X)	(X)

Product code	Product	1967					1963				
		Production for all purposes [5] (1,000 short tons)	Total value of shipments, including interplant transfers [2] [3]		Interplant transfers [2] [3]		Production for all purposes [6] (1,000 short tons)	Total value of shipments, including interplant transfers [2] [3]		Interplant transfers [2] [3]	
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2661- --	BUILDING PAPER AND BOARD, TOTAL	2,754.4	2,757.7	317.9	856.9	71.4	2,591.6	2,595.8	299.5	704.7	55.4
26611 --	Insulating board:										
26611 10	Insulating board (Less than 31 lbs. per cu. ft.) (in short tons) [6]	1,298.6	1,302.4	177.3	64.8	6.9	1,139.1	1,160.1	171.3	35.9	3.4
26611 60	Insulating board (Less than 31 lbs. per cu. ft.) (1,000 sq. ft. 1/2" basis) [6]	3,297.6	3,313.1	(X)	(X)	(X)	3,039.1	3,052.7	(X)	(X)	(X)
26612 --	Construction paper:										
26612 00	Construction paper (dry basis before saturating)	1,455.8	1,455.3	135.3	792.1	64.5	1,452.6	1,435.6	126.7	668.9	52.0
26610 00	Other products, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	5.1	(X)	(X)	(X)	(X)	1.5	(X)	(X)
26610 02	Other products, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	(X)	0.2	(X)	(X)					

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards either on the basis of the associated standard error of estimate or on the basis of a consistency review. (Z) Less than 0.1 when rounded.

[1] Source of 1967 Woodpulp "production for all purposes"–1967 Annual Pulp, Paper, and Board Report. Series: M26A(67)-13.

[2] The difference between total shipments and interplant transfers represents "market shipments."

[3] In the case of woodpulp, total shipments and interplant transfers exclude transfers of woodpulp to a papermill operated at the same physical location. In the case of paper and board, total shipments and interplant transfers include transfers of paper and board to a converting facility conducted at the same physical location.

[4] Sulfite and sulfate woodpulp for chemical conversion, paper making, and other uses. For pulp of similar characteristics made from cotton and cotton linters, see product code 26112 81.

[5] The production total shown for paper and board does not include any tonnage for the value of shipments reported in product codes: 26210 00, 26210 02; 26310 00, 26310 02; 26610 00, 26610 02.

[6] In 1963 the criteria was 26 lbs. or less per cu. ft.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
SPECIAL ALPHA AND DISSOLVING WOODPULP (26111)		
United States	227.2	210.0
South Region	114.5	(D)
South Atlantic Div	GG	(D)
Georgia	FF	(1)
Florida	GG	(1)
East South Central Div	FF	(D)
Mississippi	FF	(1)
West Region	112.7	(D)
Pacific Div	111.7	95.6
Washington	GG	(1)
Alaska	GG	(D)
WOOD, OTHER PULP, PULPMILL, BYPRODUCTS, EXCLUDING TALL OIL (26112)		
United States	673.8	515.8
Northeast Region	108.8	61.9
New England Div	97.9	45.3
Maine	75.5	(1)
New Hampshire	FF	(1)
Middle Atlantic Div	11.0	16.6
New York	BB	5.8
New Jersey	BB	(1)
Pennsylvania	BB	(1)
North Central Region	44.9	41.9
East North Central Div	FF	(D)
Ohio	1.9	6.6
Illinois	BB	(1)
Michigan	BB	(1)
Wisconsin	31.6	24.6
West North Central Div	BB	(D)
Minnesota	BB	(1)
South Region	320.6	240.6
South Atlantic Div	179.4	148.1
Virginia	EE	(1)
North Carolina	FF	23.2
South Carolina	31.6	28.5
Georgia	69.2	(1)
Florida	32.4	18.9
East South Central Div	86.5	52.7
Tennessee	25.2	25.5
Alabama	FF	(1)
Mississippi	EE	(1)
West South Central Div	54.7	39.8
Arkansas	BB	(1)
Louisiana	FF	(1)
Texas	FF	(1)
West Region	199.5	171.5
Mountain Div	FF	(D)
Montana	BB	(1)
Idaho	FF	(1)
Pacific Div	GG	(D)
Washington	117.0	124.3
Oregon	CC	(1)
California	30.6	(D)
Alaska	BB	(1)
NEWSPRINT (26211)		
United States	321.8	270.8
Northeast Region	75.4	73.4
New England Div	GG	(D)
Maine	GG	(1)
Middle Atlantic	EE	(D)
New York	CC	(D)
New Jersey	CC	(1)
North Central Region	BB	(D)
East North Central Div	BB	(D)
Michigan	BB	(1)
South Region	GG	(D)
South Atlantic Div	EE	(D)
Georgia	EE	(D)
East South Central Div	GG	(D)
Tennessee	FF	(1)
Alabama	GG	(1)
West South Central Div	GG	(D)
Arkansas	EE	(1)
Texas	FF	(1)
West Region	71.7	60.7
Mountain Div	CC	(D)
Arizona	CC	(1)
Pacific Div	GG	(D)
Washington	FF	(1)
Oregon	FF	(1)
GROUNDWOOD PAPER, UNCOATED (26212)		
United States	192.6	165.6
Northeast Region	116.2	102.1
New England Div	83.1	69.4
Maine	FF	(1)
Vermont	BB	(1)
Middle Atlantic Div	33.0	32.7
New York	FF	32.7
North Central Region	40.3	42.8
East North Central Div	19.2	14.3
Michigan	CC	(1)
Wisconsin	EE	(1)
West North Central Div	21.1	28.5
Minnesota	21.1	(1)
South Region	FF	(D)
East South Central Div	EE	(D)
Tennessee	EE	(1)
West South Central Div	CC	(D)
Arkansas	CC	(1)
West Region	EE	(D)
Pacific Div	EE	(D)
Washington	CC	(1)
Oregon	CC	(1)
COATED PRINTING AND CONVERTING PAPER (26213)		
United States	818.1	498.6
Northeast Region	267.2	186.6
New England Div	162.2	96.7
Maine	GG	(1)
Massachusetts	FF	(1)
Middle Atlantic Div	105.0	89.9
New York	67.9	(1)
Pennsylvania	FF	(1)
North Central Region	347.5	180.0
East North Central Div	GG	(D)
Ohio	GG	(1)
Michigan	77.6	(1)
Wisconsin	GG	(1)
West North Central Div	GG	(D)
Minnesota	GG	(1)
South Region	GG	(D)
South Atlantic Div	GG	(D)
Maryland	GG	(1)
Virginia	AA	(1)
South Carolina	EE	(1)
East South Central Div	FF	(D)
Tennessee	FF	(1)
Alabama	BB	(1)
Mississippi	CC	(1)
West South Central Div	GG	(D)
Louisiana	FF	(1)
Texas	FF	(1)
West Region	FF	(D)
Pacific Div	FF	(D)
Washington	BB	(1)
Oregon	EE	(1)
California	EE	(1)
BOOK PAPER, UNCOATED (26214)		
United States	583.4	500.1
Northeast Region	233.3	198.2
New England Div	91.3	78.1
Maine	42.3	31.1
New Hampshire	FF	(1)
Vermont	BB	(1)
Massachusetts	19.9	27.6
Middle Atlantic Div	142.0	120.1
New York	77.3	59.3
Pennsylvania	64.7	60.8
North Central Region	166.7	194.3
East North Central Div	GG	(D)
Ohio	52.1	63.6
Illinois	BB	(1)
Michigan	23.9	61.5
Wisconsin	55.1	(D)
West North Central Div	FF	(D)
Minnesota	FF	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
BOOK PAPER, UNCOATED (26214)--Con.		
South Region	143.1	82.0
South Atlantic Div.	80.2	(D)
Maryland	CC	(1)
Virginia	EE	(1)
North Carolina	GG	(1)
South Carolina	AA	(D)
East South Central Div.	46.4	(D)
Tennessee	EE	(1)
Alabama	FF	(1)
West South Central Div.	16.5	(D)
Louisiana	EE	(1)
Texas	CC	(1)
West Region	40.4	25.6
Pacific Div.	FF	(D)
Washington	23.3	18.5
Oregon	CC	(1)
California	CC	(1)
BLEACHED BRISTOLS EXCLUDING COTTON FIBER INDEX, BOGUS (26215)	1967	
United States		210.6
Northeast Region		30.3
New England Div.		22.6
Maine		EE
Massachusetts		BB
Middle Atlantic Div.		7.7
New York		BB
New Jersey		BB
Pennsylvania		BB
North Central Region		27.5
East North Central Div.		FF
Ohio		19.7
Michigan		CC
Wisconsin		AA
South Region		128.0
South Atlantic Div.		39.2
Virginia		CC
North Carolina		CC
South Carolina		FF
Georgia		BB
East South Central Div.		EE
Alabama		EE
Mississippi		BB
West South Central Div.		GG
Louisiana		GG
Texas		EE
West Region		24.9
Mountain Div.		AA
Idaho		AA
Pacific Div.		FF
Washington		EE
Oregon		BB
WRITING AND RELATED PAPERS (26216)		
United States		934.9
Northeast Region		401.1
New England Div.		205.4
Maine		63.7
New Hampshire		EE
Vermont		AA
Massachusetts		117.7
Connecticut		BB

Product class and geographic area	Value of shipments
	1967
WRITING AND RELATED PAPERS (26216)--Con.	
Northeast Region--Con.	
Middle Atlantic Div.	195.7
New York	GG
New Jersey	FF
Pennsylvania	93.2
North Central Region	356.7
East North Central Div.	GG
Ohio	128.5
Indiana	BB
Illinois	BB
Michigan	FF
Wisconsin	151.2
West North Central Div.	EE
Minnesota	EE
South Region	107.2
South Atlantic Div.	76.4
Delaware	BB
Maryland	BB
Virginia	EE
North Carolina	GG
East South Central Div.	FF
Tennessee	CC
Alabama	15.4
West South Central Div.	CC
Louisiana	BB
Texas	BB
West Region	70.0
Pacific Div.	70.0
Washington	FF
Oregon	EE
California	EE
UNBLEACHED KRAFT PACKAGING, INDUSTRIAL CONVERTING PAPER (26217)	
United States	503.1
Northeast Region	19.6
New England Div.	16.3
New Hampshire	AA
Vermont	BB
Massachusetts	EE
Middle Atlantic Div.	3.3
New York	AA
Pennsylvania	BB
North Central Region	34.4
East North Central Div.	33.7
Ohio	CC
Illinois	6.9
Wisconsin	EE
South Region	369.4
South Atlantic Div.	181.8
Virginia	EE
North Carolina	FF
South Carolina	EE
Georgia	GG
Florida	GG
East South Central Div.	50.3
Alabama	FF
Mississippi	BB

Product class and geographic area	Value of shipments
	1967
UNBLEACHED KRAFT PACKAGING, INDUSTRIAL CONVERTING PAPER (26217)--Con.	
South Region--Con.	
West South Central Div.	137.3
Arkansas	GG
Louisiana	61.7
Texas	EE
West Region	79.7
Pacific Div.	79.7
Washington	53.4
Oregon	EE
California	EE
PACKAGING, INDUSTRIAL CONVERTING PAPER, EXCLUDING UNBLEACHED KRAFT (26218)	
United States	283.8
Northeast Region	68.5
New England Div.	33.6
Maine	EE
New Hampshire	CC
Massachusetts	15.7
Middle Atlantic Div.	34.9
New York	2.6
New Jersey	FF
Pennsylvania	BB
North Central Region	90.8
East North Central Div.	GG
Ohio	4.9
Indiana	AA
Illinois	AA
Michigan	EE
Wisconsin	61.7
West North Central Div.	BB
Minnesota	BB
South Region	71.7
South Atlantic Div.	30.0
Virginia	EE
North Carolina	BB
Florida	CC
East South Central Div.	FF
Alabama	EE
Mississippi	CC
West South Central Div.	EE
Louisiana	EE
Texas	BB
West Region	52.8
Pacific Div.	52.8
Washington	40.1
Oregon	EE
SPECIAL INDUSTRIAL PAPER (26219)	
United States	198.2
Northeast Region	139.1
New England Div.	77.3
Maine	BB
New Hampshire	7.1
Vermont	BB
Massachusetts	44.7
Connecticut	EE

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967
SPECIAL INDUSTRIAL PAPER (26219)--Con.	
Northeast Region--Con.	
Middle Atlantic Div.	61.9
New York	37.2
New Jersey	EE
Pennsylvania	CC
North Central Region	28.6
East North Central Div.	FF
Ohio	8.5
Indiana	3.8
Illinois	BB
Michigan	BB
Wisconsin	9.3
South Region	FF
South Atlantic Div.	12.8
Delaware	BB
Virginia	7.7
North Carolina	AA
East South Central Div.	7.7
Kentucky	AA
Tennessee	BB
Alabama	AA
West South Central Div.	BB
Arkansas	AA
Louisiana	1.6
West Region	BB
Pacific Div.	BB
Oregon	AA
UNBLEACHED KRAFT PACKAGING, INDUSTRIAL CONVERTING PAPERBOARD (26311)	
United States	974.8
Northeast Region	4.0
New England Div.	BB
New Hampshire	BB
Middle Atlantic Div.	AA
Pennsylvania	AA
North Central Region	EE
East North Central Div.	EE
Ohio	AA
Michigan	EE
Wisconsin	EE
South Region	772.2
South Atlantic Div.	585.4
Virginia	GG
North Carolina	FF
South Carolina	103.4
Georgia	221.3
Florida	159.9
East South Central Div.	84.2
Tennessee	FF
Alabama	GG
Mississippi	BB
West South Central Div.	102.6
Arkansas	EE
Louisiana	87.0
Texas	BB
UNBLEACHED KRAFT PACKAGING, INDUSTRIAL CONVERTING PAPERBOARD (26311)--Con.	
West Region	GG
Mountain Div.	FF
Montana	FF
Arizona	CC
Pacific Div.	151.0
Washington	GG
Oregon	75.7
California	FF
BLEACHED PACKAGING, INDUSTRIAL CONVERTING PAPERBOARD (26312)	
United States	522.6
Northeast Region	15.3
New England Div.	EE
Vermont	CC
Massachusetts	6.4
Middle Atlantic Div.	BB
New York	BB
New Jersey	AA
North Central Region	12.9
East North Central Div.	EE
Michigan	CC
Wisconsin	BB
South Region	422.3
South Atlantic Div.	221.7
Virginia	GG
North Carolina	75.9
South Carolina	CC
Georgia	61.9
Florida	EE
East South Central Div.	98.0
Alabama	GG
Mississippi	EE
West South Central Div.	102.6
Arkansas	GG
Louisiana	FF
Texas	FF
West Region	72.0
Mountain Div.	FF
Idaho	FF
Pacific Div.	FF
Washington	EE
Oregon	BB
California	CC
SEMICHEMICAL PAPERBOARD (26313)	
United States	294.9
Northeast Region	CC
Middle Atlantic Div.	BB
Pennsylvania	BB
North Central Region	111.5
East North Central Div.	GG
Ohio	EE
Indiana	EE
Michigan	30.1
Wisconsin	FF
SEMICHEMICAL PAPERBOARD (26313)--Con.	
North Central Region--Con.	
West North Central Div.	EE
Minnesota	CC
Iowa	CC
South Region	139.1
South Atlantic Div.	GG
Virginia	45.4
North Carolina	EE
South Carolina	FF
Georgia	CC
East South Central Div.	EE
Kentucky	CC
Tennessee	EE
West South Central Div.	FF
Louisiana	FF
West Region	FF
Pacific Div.	FF
Washington	19.1
Oregon	EE
California	CC
COMBINATION PAPERBOARD: SHIPPING CONTAINERBOARD (26314)	
United States	175.6
Northeast Region	54.7
New England Div.	9.0
Massachusetts	BB
Connecticut	CC
Middle Atlantic Div.	45.6
New York	BB
New Jersey	FF
Pennsylvania	FF
North Central Region	80.3
East North Central Div.	GG
Ohio	24.6
Illinois	EE
Michigan	FF
Wisconsin	3.9
West North Central Div.	BB
Minnesota	AA
Kansas	BB
South Region	16.0
South Atlantic Div.	EE
Delaware	BB
Maryland	CC
West Virginia	AA
Georgia	AA
West South Central Div.	BB
Louisiana	BB
Texas	AA
West Region	24.7
Mountain Div.	AA
Colorado	AA
Pacific Div.	FF
Washington	BB
California	20.9

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	1963
COMBINATION PAPERBOARD: BENDING (26315)		
United States	369.7	
Northeast Region	127.5	
New England Div.	48.0	
New Hampshire	AA	
Massachusetts	12.4	
Connecticut	FF	
Middle Atlantic Div.	79.5	
New York	28.9	
New Jersey	25.7	
Pennsylvania	24.9	
North Central Region	161.9	
East North Central Div.	GG	
Ohio	53.1	
Indiana	EE	
Illinois	25.5	
Michigan	45.6	
Wisconsin	CC	
West North Central Div.	EE	
Minnesota	CC	
Iowa	AA	
Kansas	AA	
South Region	51.0	
South Atlantic Div.	36.7	
Maryland	10.7	
Virginia	CC	
West Virginia	AA	
Georgia	EE	
Florida	BB	
East South Central Div.	CC	
Tennessee	CC	
Alabama	AA	
West South Central Div.	CC	
Arkansas	BB	
Texas	BB	
West Region	29.4	
Pacific Div.	FF	
Washington	BB	
Oregon	AA	
California	24.1	
COMBINATION PAPERBOARD: NONBENDING (26316)		
United States	119.2	
Northeast Region	55.7	
New England Div.	13.7	
Vermont	BB	
Massachusetts	EE	
Middle Atlantic Div.	42.0	
New York	8.4	
New Jersey	16.4	
Pennsylvania	17.2	
North Central Region	33.5	
East North Central Div.	30.1	
Ohio	10.2	
Indiana	6.6	
Illinois	5.0	
Michigan	AA	
Wisconsin	CC	
West North Central Div.	3.4	
Minnesota	AA	
Kansas	AA	
South Region	21.1	
South Atlantic Div.	EE	
Maryland	BB	
Virginia	BB	
West Virginia	BB	
North Carolina	BB	
East South Central Div.	CC	
Tennessee	CC	
Alabama	BB	
West South Central Div.	AA	
Texas	AA	
West Region	8.9	
Pacific Div.	CC	
California	CC	
SPECIAL COMBINATION PACKAGING-INDUSTRIAL CONVERTING PAPERBOARD (26317)		
United States	145.9	
Northeast Region	38.4	
New England Div.	5.6	
Maine	AA	
Massachusetts	BB	
Middle Atlantic Div.	32.8	
New York	13.3	
New Jersey	12.5	
Pennsylvania	6.9	
North Central Region	42.2	
East North Central Div.	FF	
Ohio	8.3	
Indiana	BB	
Illinois	CC	
Michigan	15.9	
Wisconsin	BB	
West North Central Div.	CC	
Iowa	AA	
Missouri	BB	
Kansas	AA	
South Region	45.1	
South Atlantic Div.	25.1	
Virginia	BB	
South Carolina	EE	
Georgia	4.7	
Florida	BB	
East South Central Div.	CC	
Tennessee	AA	
Alabama	BB	
West South Central Div.	EE	
Louisiana	AA	
Oklahoma	CC	
Texas	BB	
West Region	20.2	
Pacific Div.	EE	
Washington	CC	
California	9.6	
WET MACHINE BOARD (26318)		
United States	36.4	37.3
Northeast Region	25.7	23.2
New England Div.	EE	17.3
Maine	AA	(1)
New Hampshire	4.7	(1)
Massachusetts	BB	3.5
Connecticut	EE	9.1
Middle Atlantic Div.	CC	5.9
New Jersey	BB	(1)
Pennsylvania	BB	(1)
North Central Region	BB	(D)
East North Central Div.	BB	4.7
Illinois	BB	(1)
South Region	CC	(D)
South Atlantic Div.	CC	(D)
Virginia	CC	(1)
East South Central Div.	AA	(D)
Tennessee	AA	(D)
INSULATING BOARD (26611)		
United States	177.3	171.3
Northeast Region	21.5	20.4
New England Div.	CC	(D)
Maine	BB	(1)
Rhode Island	AA	(1)
Middle Atlantic Div.	EE	(D)
New Jersey	CC	(1)
Pennsylvania	CC	(1)
North Central Region	50.1	40.1
East North Central Div.	CC	(D)
Michigan	CC	(1)
West North Central Div.	FF	(D)
Minnesota	FF	(1)
Iowa	AA	(1)
Missouri	AA	(1)
South Region	93.4	94.6
South Atlantic Div.	FF	(D)
Virginia	CC	(1)
Georgia	FF	(1)
East South Central Div.	FF	(D)
Alabama	CC	(1)
Mississippi	15.8	16.0
West South Central Div.	FF	(D)
Louisiana	EE	(1)
Oklahoma	CC	(1)
Texas	BB	(1)
West Region	12.4	16.2
Pacific Div.	EE	16.2
Washington	CC	(D)
Oregon	CC	(1)
CONSTRUCTION PAPER (26612)		
United States	135.3	126.7
Northeast Region	50.7	48.9
New England Div.	CC	(D)
Rhode Island	BB	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
CONSTRUCTION PAPER (26612)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	FF	(D)
New York	EE	(1)
New Jersey	19.4	19.2
Pennsylvania	9.4	10.5
North Central Region	40.0	41.7
East North Central Div.	FF	30.2
Ohio	CC	11.4
Indiana	AA	(1)
Illinois	18.6	17.0
CONSTRUCTION PAPER (26612)--Con.		
North Central Region--Con.		
West North Central Div.	CC	11.5
Minnesota	CC	(1)
Missouri	BB	(1)
South Region	33.1	23.6
South Atlantic Div.	14.6	10.1
Maryland	CC	(1)
Georgia	BB	(D)
East South Central Div.	CC	2.6
Kentucky	BB	(D)
Alabama	BB	(1)
CONSTRUCTION PAPER (26612)--Con.		
South Region--Con.		
West South Central Div.	EE	10.9
Arkansas	AA	(D)
Louisiana	BB	(1)
Oklahoma	AA	(1)
Texas	4.2	4.4
West Region	11.4	12.5
Pacific Div.	11.4	(D)
Oregon	1.6	(1)
California	9.8	10.9

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2611-	Pulp:								
	Value.....million dollars..	904.8	848.1	804.1	802.1	726.0	567.8	(NA)	(NA)
26111	Special alpha and dissolving woodpulp:								
	Quantity.....1,000 short tons..	1,435.0	(NA)	(NA)	(NA)	1,365.3	(NA)	(NA)	(NA)
	Value.....million dollars..	227.2	268.2	265.9	233.1	210.0	134.3	(NA)	(NA)
26112	Other pulp, including wood, and pulpmill byproducts, except tall oil:								
	Value.....million dollars..	673.8	580.0	538.2	569.0	515.8	433.4	(NA)	(NA)
26110	Pulpmill products, n.s.k.....do....	3.8	(X)	(X)	(X)	0.1	(X)	(NA)	(NA)
2621-	Papermill products, except building paper[2]:								
	Quantity.....1,000 short tons..	20,708.0	(X)	(X)	(X)	17,174.1	(X)	(X)	(X)
	Value.....million dollars..	4,739.5	4,662.0	4,194.5	3,874.9	3,724.0	3,044.6	2,394.3	1,660.3
26211	Newsprint:								
	Quantity.....1,000 short tons..	2,538.6	(NA)	(NA)	(NA)	2,236.5	1,739.3	(NA)	(NA)
	Value.....million dollars..	321.8	315.8	276.4	276.8	270.8	214.8	137.4	68.5
26212	Groundwood paper, uncoated:								
	Quantity.....1,000 short tons..	1,123.6	(NA)	(NA)	(NA)	982.5	807.2	(NA)	(NA)
	Value.....million dollars..	192.6	205.9	187.2	173.4	165.6	143.8	128.7	105.7
26213	Coated printing and converting paper:								
	Quantity.....1,000 short tons..	3,126.3	(NA)	(NA)	(NA)	2,171.8	(NA)	(NA)	(NA)
	Value.....million dollars..	818.1	701.7	611.9	537.5	498.6	362.5	252.6	100.6
26214	Book paper, uncoated:								
	Quantity.....1,000 short tons..	2,230.7	(NA)	(NA)	(NA)	2,050.7	(NA)	(NA)	(NA)
	Value.....million dollars..	583.4	653.1	550.4	518.3	500.1	426.3	343.4	282.1
26215	Bleached bristols excluding cotton fiber index and bogus:								
	Quantity.....1,000 short tons..	957.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	210.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26216	Writing and related papers:								
	Quantity.....1,000 short tons..	2,544.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(Na)
	Value.....million dollars..	934.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26217	Unbleached kraft packaging and industrial converting paper:								
	Quantity.....1,000 short tons..	3,526.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	503.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26218	Packaging and industrial converting paper, except unbleached kraft:								
	Quantity.....1,000 short tons..	1,109.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	283.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26219	Special industrial paper:								
	Quantity.....1,000 short tons..	390.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	193.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26210	Tissue and other machine creped paper:								
	Quantity.....1,000 short tons..	3,161.0	(NA)	(NA)	(NA)	2,561.0	1,926.5	(NA)	(NA)
	Value.....million dollars..	692.8	637.8	608.3	558.8	547.4	440.1	352.7	209.2
26210	Papermill products, n.s.k.:								
	Quantity.....1,000 short tons..	(NA)	(NA)	(NA)	(NA)	2.5	(X)	(X)	(X)
	Value.....million dollars..	5.2	5.2	9.8	3.3	2.7	(X)	(X)	(X)
2631-	Paperboard mill products:[2]								
	Quantity.....1,000 short tons..	22,164.3	(X)	(X)	(X)	18,602.4	(X)	(X)	(X)
	Value.....million dollars..	2,673.1	2,707.1	2,443.4	2,310.7	2,184.7	1,697.7	1,353.3	914.3
26311	Unbleached kraft packaging and industrial converting paperboard:								
	Quantity.....1,000 short tons..	8,946.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	974.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26312	Bleached packaging and industrial converting paperboard:								
	Quantity.....1,000 short tons..	2,938.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	522.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26313	Semichemical paperboard:								
	Quantity.....1,000 short tons..	2,773.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	294.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967–Continued

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2631-	Paperboard mill products--continued								
26314	Combination paperboard: shipping containerboard.								
	Quantity.....1,000 short tons..	1,760.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	175.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26315	Combination paperboard: bending:								
	Quantity.....1,000 short tons..	2,920.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	369.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26316	Combination paperboard: nonbending.								
	Quantity.....1,000 short tons..	1,079.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	119.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26317	Special conbination packaging and industrial converting paperboard:								
	Quantity.....1,000 short tons..	1,592.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	145.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26318	Wet machine board:								
	Quantity.....1,000 short tons..	152.7	(NA)	(NA)	(NA)	138.6	133.4	(NA)	(NA)
	Value.....million dollars..	36.4	39.7	36.9	36.1	37.3	28.9	37.4	21.6
26310	Paperboard mill products, n.s.k.:								
	Quantity.....1,000 short tons..	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Value.....million dollars..	34.0	0.7	1.1	1.2	1.5	(X)	(X)	(X)
2661-	Building paper and board:[3]								
	Quantity.....1,000 short tons..	2,757.7	(NA)	(NA)	(NA)	2,595.8	(NA)	(NA)	(NA)
	Value.....million dollars..	317.9	320.0	325.1	316.8	299.5	295.3	256.8	193.2
26611	Insulating board:								
	Quantity.....1,000 short tons..	1,302.4	(NA)	(NA)	(NA)	1,160.1	(NA)	(NA)	(NA)
	Value.....million dollars..	177.3	185.4	190.2	181.8	171.3	169.8	135.6	80.0
26612	Construction paper:								
	Quantity.....1,000 short tons..	1,455.3	(NA)	(NA)	(NA)	1,435.6	(NA)	(NA)	(NA)
	Value.....million dollars..	135.3	133.2	133.7	133.4	126.7	121.1	121.1	113.1
26610	Building paper and board, n.s.k.:								
	Quantity.....1,000 short tons..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....million dollars..	5.3	1.4	1.3	1.5	1.5	4.3	(X)	(X)

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses in the value of shipments columun either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

[2]Due to a change in 1967 in the detailed grades of paper and paperboard collected, many of the product classes will not have comparable data for prior years.

[3]Due to a classification change in 1963, hard pressed fiberboard is no longer classified in this industry but is included with 2499, Wood Products, N.E.C. Therefore, data shown for earlier years is not comparable.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2611.--PULPMILLS					
	Materials and supplies, total	.....	(X)	362.0	(X)	278.7
	Pulpwood:					
	Softwood:					
	Bolts and logs:					
241101	Spruce and true fir	1,000 cords of 128 cu. ft.	945.6	23.2	492.4	12.3
241102	Hemlock	...do	1,317.1	27.2	1,649.4	31.6
241103	Jack pine	...do	(D)	(D)	3.6	(Z)
241104	Southern pine	...do	2,634.9	61.5	2,323.0	47.6
241105	Other softwoods (include Douglas fir)	...do	(S)	(S)	273.1	4.2
242157	Chips	...do	2,937.3	48.4	1,403.9	23.2
242015	Slabs, cores, and other mill waste	...do	(S)	(S)	281.1	3.4
	Hardwood:					
	Bolts and logs:					
241106	Northern mixed hardwoods	...do	(D)	(D)	170.9	4.2
241107	Poplar (aspen and popple)	...do	(D)	(D)	18.2	(Z)
241108	Southern mixed hardwoods	...do	1,140.8	22.7	220.4	3.9
241119	Other hardwoods	...do	(S)	(S)	236.3	3.5
242013	Slabs, chips, cores, and other mill waste	...do	(S)	(S)	78.2	1.2
	Chemicals:					
147701	Sulfur	1,000 long tons	160.4	6.5	149.6	4.0
281211	Chlorine	1,000 short tons	302.3	18.1	229.4	15.2
281238	Sodium hydroxide (caustic soda)(100% NaOH)	1,000 short tons	131.1	21.8	348.0	17.4
281976	Sodium sulfate (including salt cake)(100% NA_2SO_4)	1,000 short tons	156.5	4.7	207.5	4.6
281611	Titanium dioxide, composite and pure(100% TiO_2)	1,000 lbs	(S)	(S)	222	(Z)
281961	Aluminum sulfate(17% Al_2O_3)	1,000 short tons	(S)	(S)	14.9	0.6
289119	Rosin sizing	Million lbs	(S)	(S)	6.0	0.9
327401	Lime	1,000 short tons	274.2	4.5	127.6	2.2
	Woodpulp:					
261102	Produced at affiliated or associated mills except your pulpmill at this location	1,000 short tons (air dry basis)	(S)	(S)	11.0	1.3
261102	Own woodpulp, produced at the same location	...do	334.9	(X)	149.9	(X)
	Wastepaper:					
941111	Mixed	1,000 short tons	(S)	(S)	-	-
941112	News	...do	(S)	(S)	6.5	(Z)
941113	Corrugated	...do	(S)	(S)	(D)	(D)
941114	High grade pulp substitutes	...do	(S)	(S)	(D)	(D)
941115	High grade deinking	...do	-	-	27.5	1.5
	Other materials:					
209131	Cotton linters	Million lbs	219.9	13.4	116.9	4.6
941259	Other fibrous materials, including rags, straw, and bagasse	1,000 short tons	(S)	(S)	3.8	0.5
145501	Kaolin and ball clay	...do	(S)	(S)	15.1	0.6
204609	Starch	Million lbs	19.9	1.7	(S)	1.0
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	82.7	(X)	70.7
970000	All other materials, components, parts, containers, and supplies, n.s.k.[1]	.....	(X)	4.1	(X)	16.0

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2621.--PAPERMILLS, EXCEPT BUILDING PAPER					
	Materials and supplies, total	.....	(X)	2,245.5	(X)	1,750.0
	Pulpwood:					
	Softwood:					
	Bolts and logs:					
241101	Spruce and true fir	1,000 cords of 128 cu. ft.	2,386.8	73.9	2,474.0	70.9
241102	Hemlock	...do	869.8	21.5	955.6	25.4
241103	Jack pine	...do	742.3	19.1	705.8	16.3
241104	Southern pine	...do	6,038.4	130.4	5,002.8	101.9
241105	Other softwoods (include Douglas fir)	...do	685.7	15.2	1,092.7	22.4
242157	Chips	...do	4,671.6	96.4	2,669.1	48.2
242015	Slabs, cores, and other mill waste	...do	162.1	1.4	284.5	3.9
	Hardwood:					
	Bolts and logs:					
241106	Northern mixed hardwoods	...do	1,804.0	37.2	1,322.5	26.9
241107	Poplar (aspen and popple)	...do	1,316.2	33.3	1,194.3	24.5
241108	Southern mixed hardwoods	...do	1,769.5	32.9	(NA)	(NA)
241119	Other hardwoods	...do	228.6	4.7	405.2	7.8
242013	Slabs, chips, cores, and other mill waste	...do	721.3	15.5	306.7	5.9
081111	Cost of stumpage cut (timber, excluding land) for use in this establishment	.....	(X)	4.4	(X)	(NA)
	Chemicals:					
147701	Sulfur	1,000 long tons	250.4	10.0	243.7	6.9
281211	Chlorine	1,000 short tons	475.6	28.1	394.3	28.2
281238	Sodium hydroxide (caustic soda) (100% NaOH)	...do	365.3	20.4	270.2	17.0
281228	Sodium carbonate (soda ash) (98-100% NA_2CO_3)	...do	217.2	8.3	187.2	6.9
281976	Sodium sulfate (including salt cake) (100% NA_2SO_4)	...do	601.8	17.5	431.2	13.4
281611	Titanium dioxide, composite and pure (100% TiO_2)	Million lbs	187.3	45.7	137.6	34.5
281961	Aluminum sulfate (17% Al_2O_3)	1,000 short tons	314.0	14.2	242.3	10.1
289119	Rosin sizing	Million lbs	172.7	23.7	145.4	20.8
327401	Lime	1,000 short tons	501.8	9.8	537.2	9.5
	Woodpulp:					
261102	Produced at affiliated or associated mills except your pulp-mill at this location	1,000 short tons (air dry basis)	2,523.5	309.6	1,973.1	226.0
261102	Own woodpulp, produced at the same location	...do	13,308.2	(X)	10,323.8	(X)
261104	Purchased (market) woodpulp	...do	2,979.7	384.7	2,629.9	330.6
	Wastepaper:					
941111	Mixed	1,000 short tons	540.8	33.0	386.7	22.3
941112	News	...do	(S)	(S)	(S)	(S)
941113	Corrugated	...do	102.2	3.6	79.4	2.6
941114	High grade pulp substitutes	...do	193.8	14.6	222.8	16.7
941115	High grade deinking	...do	353.9	16.4	401.6	19.7
	Other materials:					
209131	Cotton linters	Million lbs	37.5	6.0	32.4	3.8
261122	Linter pulp	1,000 short tons	27.2	8.8	24.8	6.2
941259	Other fibrous materials, including rags, straw and bagasse	...do	150.5	30.6	183.2	27.3
145501	Kaolin and ball clay	...do	1,451.2	56.6	1,126.5	37.7
204609	Starch	Million lbs	990.0	70.2	661.4	49.8
970099	All other materials, and components, parts, containers, and supplies consumed	.....	(X)	587.3	(X)	449.6
970000	All other materials, components, parts, containers, and supplies, n.s.k.[1]	.....	(X)	57.5	(X)	54.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2631.--PAPERBOARD MILLS					
	Materials, partsand supplies, total	.....	(X)	1,217.6	(X)	988.4
	Pulpwood:					
	Softwood bolts and logs:					
241101	Spruce and true fir	1,000 cords of 128 cu. ft.	(D)	(D)	63.2	1.2
241102	Hemlock	...do	(D)	(D)	63.2	1.4
241103	Jack pine	...do	(D)	(D)	20.8	(S)
241104	Southern pine	...do	11,389.1	260.1	10,154.8	205.8
241105	Other softwoods (including Douglas fir)	...do	(D)	(D)	292.5	3.5
242157	Chips	...do	6,211.6	115.0	3,916.4	56.0
242015	Slabs, cores, and other mill waste	...do	276.9	5.2	122.3	1.9
	Hardwood bolts and logs:					
241106	Northern mixed hardwoods	...do	359.5	6.1	215.4	3.3
241107	Poplar (aspen and popple)	...do	298.4	5.4	438.5	4.8
241108	Southern mixed hardwoods	...do	3,257.2	59.0	457.0	7.2
241119	Other hardwoods	...do	252.0	4.7	451.7	6.6
242013	Slabs, chips, cores, and other mill waste	...do	738.8	13.9	393.3	5.5
081111	Cost of stumpage cut (timber, excluding land)	.....	(X)	(D)	(X)	(NA)
	Chemicals:					
147701	Sulfur	1,000 long tons	(NA)	2.2	70.8	2.4
281211	Chlorine	1,000 short tons	203.5	11.8	144.4	10.0
281238	Sodium hydroxide (caustic soda)	1,000 short tons (100% NaOH)	303.7	16.1	117.4	6.8
281228	Sodium carbonate (soda ash)	1,000 short tons (98-100% NA_2CO_3)	163.1	6.2	172.9	6.7
281976	Sodium sulfate (including salt cake)	1,000 short tons (100% NA_2SO_4)	722.0	21.5	552.5	17.0
281611	Titanium dioxide, composite and pure	Million lbs. (100% TiO_2)	16.6	4.5	16.0	4.1
281961	Aluminum sulfate	1,000 short tons (17% Al_2O_3)	212.6	9.0	225.3	8.7
289119	Rosin sizing	Million lbs	132.9	15.8	219.6	22.5
327401	Lime	1,000 short tons	280.1	5.1	199.8	3.5
	Wood pulp:					
261102	Produced at affiliated or associated mills except your pulp mill at this location	1,000 short tons (air dry basis)	505.0	40.3	300.8	23.3
261102	Own wood pulp, produced at the same location	...do	11,701.1	(X)	11,307.6	(X)
261104	Purchased (market) wood pulp	...do	273.4	28.6	419.8	44.6
	Waste paper:					
941111	Mixed	1,000 short tons	1,904.2	36.9	2,437.5	46.9
941112	News	...do	1,559.4	36.2	1,732.7	38.6
941113	Corrugated	...do	2,785.0	74.9	2,503.3	66.0
941114	High grade pulp substitutes	...do	720.8	39.1	774.6	51.5
941115	High grade deinking	...do	128.0	4.9	96.5	4.4
	Other materials:					
209131	Cotton linters	Million lbs	(D)	(D)	(D)	(D)
941259	Other fibrous materials, including rags straw and bagasse	1,000 short tons	65.8	2.6	77.8	2.5
145501	Kaolin and ball clay	...do	115.4	4.6	103.2	4.1
204609	Starch	Million lbs	245.1	20.1	205.4	16.5
970099	All other materials, and components, parts, containers, and supplies consumed	.....	(X)	291.6	(X)	262.9
970000	All other materials, components, parts, containers and supplies, n.s.k.[1]	.....	(X)	57.0	(X)	48.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2661.--BUILDING PAPER AND BOARD MILLS					
	Materials and supplies, total	.....	(X)	121.3	(X)	101.5
	Pulpwood:					
	Softwood bolts and logs:					
241101	Spruce and true fir	1,000 cords of 128 cu. ft.	(S)	(S)	8.5	(S)
241102	Hemlock	...do	(S)	(S)	-	-
241103	Jack pine	...do	(S)	(S)	53.0	0.9
241104	Southern pine	...do	297.8	5.9	318.3	5.6
241105	Other softwoods (including Douglas fir)	...do	(S)	(S)	70.4	1.0
242157	Chips	...do	197.3	3.5	207.5	3.1
242015	Slabs, cores, and other mill waste	...do	(S)	(S)	(D)	(D)
	Hardwood bolts and logs:					
241106	Northern mixed hardwoods	...do	(S)	(S)	(D)	(D)
241107	Poplar (aspen and popple)	...do	(S)	(S)	(D)	(D)
241108	Southern mixed hardwoods	...do	(S)	(S)	-	-
241119	Other hardwoods	...do	(S)	(S)	78.8	1.2
242013	Slabs, chips, cores, and other mill waste	...do	(S)	(S)	28.0	(S)
	Chemicals:					
281238	Sodium hydroxide (caustic soda)	1,000 short tons (100% NAOH)	(S)	(S)	(D)	(D)
281228	Sodium carbonate (soda ash)	1,000 short tons (98-100% NA_2CO_3)	(S)	(S)	(D)	(D)
281976	Sodium sulfate (including salt cake)	1,000 short tons (100% NA_2SO_4)	(S)	(S)	-	-
281611	Titanium dioxide, composite and pure	Million lbs. (100% TiO_2)	(S)	(S)	1.8	0.6
281961	Aluminum sulfate	1,000 short tons (17% Al_2O_3)	(S)	(S)	10.9	(S)
289119	Rosin sizing	Million lbs	(S)	(S)	8.7	(S)
327401	Lime	1,000 short tons	(S)	(S)	(D)	(D)
	Woodpulp:					
261102	Produced at affiliated or associated mills except your pulpmill at this location	1,000 short tons (air dry basis)	(S)	(S)	14.7	0.5
261102	Own woodpulp, produced at the same location	...do	920.1	(X)	1,130.5	(X)
261104	Purchased (market) woodpulp	...do	(S)	3.2	31.7	3.1
	Waste paper:					
941111	Mixed	1,000 short tons	438.6	6.9	524.2	7.8
941112	News	...do	178.3	3.7	114.9	1.4
941113	Corrugated	...do	111.3	2.6	99.8	2.2
941114	High grade pulp substitutes	...do	(S)	(S)	(D)	(D)
941115	High grade deinking	...do	(S)	(S)	-	-
	Other materials:					
209131	Cotton linters	Million lbs	(S)	(S)	(D)	(D)
261122	Linter pulp	1,000 short tons	(S)	(S)	(D)	(D)
941259	Other fibrous materials, including rags, straw and bagasse	...do	343.0	6.6	338.5	6.8
149901	Asbestos	...do	99.8	10.0	90.1	9.6
145501	Kaolin and ball clay	...do	(S)	(S)	11.7	(S)
204609	Starch	Million lbs	57.2	3.0	48.7	2.5
970099	All other materials, and components, parts, containers, and supplies consumed	.....	(X)	70.6	(X)	40.5
970000	All other materials, conponents, parts, containers, and supplies, n.s.k.[1]	.....	(X)	5.1	(X)	9.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. . (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency review. (Z) Under $50 thousand.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Pulpmills (SIC 2611)	Papermills, except building (SIC 2621)	Paperboard mills (SIC 2631)	Building paper and board mills (SIC 2661)
	Cost of purchased fuels and electric energy, total	Million dollars	36.9	248.0	172.3	23.4
	Cost of purchased fuels, total	...do	26.9	155.6	133.4	12.1
121005	Coal (anthracite, bituminous, and lignite):					
	Quantity	1,000 short tons	(D)	7,458.0	4,879.6	375.0
	Cost	Million dollars	(D)	605	38.0	3.0
331212 331213	Coke, screenings, and breeze:					
	Quantity	1,000 short tons	-	(D)	-	-
	Cost	Million dollars	-	(D)	-	-
	Fuel oil, total:					
	Quantity	1,000 barrels	(D)	16,620.3	16,691.4	791.2
	Cost	Million dollars	(D)	39.1	37.2	2.0
291141	Distillate:					
	Quantity	1,000 barrels	(D)	3,464.0	5,139.6	84.6
	Cost	Million dollars	(D)	8.4	12.0	0.4
291151	Residual:					
	Quantity	1,000 barrels	4,427.6	13,156.3	11,551.8	706.6
	Cost	Million dollars	9.7	30.7	25.2	1.6
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):					
	Quantity	Million cu. ft	28,475.6	132,305.5	144,469.7	15,270.4
	Cost	Million dollars	10.0	40.0	40.4	5.1
291111 960011	Other fuels (gasoline, LPG, wood, etc.)	...do	3.1	7.1	8.2	1.3
	Fuels, n.s.k.	...do	21	(D)	9.6	0.7
	Purchased electric energy:					
	Quantity	Million kw.-hrs.	1,859.6	12,776.9	5,294.3	1,357.2
	Cost	Million dollars	10.0	92.4	38.9	11.3
	Quantity of electric energy generated less quantity sold	Million kw.-hrs.	1,605.5	11,770.1	9,507.8	75.0
	Total energy used for heat and power[1]	Million kw.-hrs. equivalent	22,336.7	148,941.6	125,938.3	11,101.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. In some cases figures which are otherwise publishable are withheld to avoid indirect disclosure by subtraction from higher-level totals or from related figures.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
			Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)				
2611	PULPMILLS										
	ENTIRE INDUSTRY	61	15.1	125.6	12.2	25.4	96.0	333.7	403.2	730.5	121.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	56	12.7	105.1	10.2	21.1	79.7	287.6	315.1	598.7	107.6
26111	SPECIAL ALPHA AND DISSOLVING WOODPULP										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	9	6.1	52.5	5.2	10.5	42.0	135.9	138.0	272.4	25.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26112	WOOD, OTHER PULP, PULPM'L BYPRODS., EXC. TALL OIL										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	35	8.9	72.5	6.9	14.8	53.5	196.2	263.5	455.2	71.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	27	4.7	38.4	3.4	7.3	26.9	109.4	146.3	253.5	35.5
2621	PAPERMILLS, EXCEPT BUILDING PAPER										
	ENTIRE INDUSTRY	354	140.0	1 120.7	112.3	249.2	849.2	2 356.3	2 515.7	4 844.0	581.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	319	123.4	989.7	98.7	220.1	747.4	2 047.2	2 166.0	4 185.0	531.7
26211	NEWSPRINT										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	16	8.0	67.7	6.4	13.9	51.4	180.9	178.1	359.3	69.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	10	5.1	43.5	4.1	9.2	33.1	121.0	110.0	231.7	37.8
26212	GROUNDWOOD PAPER, UNCOATED										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	13	4.8	37.4	4.1	9.6	31.1	73.5	80.8	153.5	12.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	7	1.9	13.7	1.6	3.5	11.4	22.4	28.8	50.7	3.0
26213	COATED PRINTING AND CONVERTING PAPER										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	29	30.1	247.6	24.1	54.1	191.6	461.0	480.7	930.0	104.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	19	18.0	145.9	14.7	32.8	115.7	264.4	294.0	549.6	78.1
26214	BOOK PAPER, UNCOATED										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	26	15.3	121.9	12.4	27.7	92.1	268.4	288.9	554.8	31.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	9	2.5	21.0	2.0	4.6	16.4	39.3	54.7	94.4	5.0
26215	BLEACHED BRISTOLS EXC. COTTON FIBER INDEX, BOGUS.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	3	2.4	21.1	2.0	4.3	17.2	52.1	59.7	109.2	31.9
26216	WRITING AND RELATED PAPERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	69	34.9	271.6	27.5	61.1	195.8	517.9	523.4	1 034.9	68.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	45	17.9	139.3	13.7	30.0	97.8	264.5	237.0	497.0	36.6
26217	UNBLEACHED KRAFT PACKAGING, INDUS. CONVERT. PAPER										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	27	13.6	105.8	11.4	24.1	84.1	262.8	253.0	516.1	105.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	12	3.2	24.3	2.7	5.9	19.8	61.0	47.5	108.3	13.3
26218	PACKAGING, INDUS. CONVERT. PAPER, EXC. UNBL KRAFT										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	20	7.6	59.9	5.9	12.6	44.7	135.7	135.8	268.8	46.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	14	3.7	28.3	2.8	6.2	20.3	48.5	52.7	101.1	11.0
26219	SPECIAL INDUSTRIAL PAPER										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	39	5.8	45.7	4.4	10.3	31.0	90.2	96.0	185.7	12.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	30	3.8	30.6	2.8	6.6	20.1	61.2	58.3	119.0	9.0
2631	PAPERBOARD MILLS										
	ENTIRE INDUSTRY	283	67.0	533.5	53.8	118.2	405.9	1 508.8	1 402.9	2 907.0	398.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	257	46.5	368.0	37.8	84.7	285.0	1 007.2	965.0	1 970.4	209.1
26311	UNBL. KRAFT PACKAGING, INDUS. CONVERT. PAPERBOARD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	37	26.0	216.0	20.7	43.8	161.8	676.1	649.7	1 324.5	166.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	20	8.3	71.7	6.5	14.3	54.1	260.3	252.7	513.2	118.0
26312	BLEACHED PACKAGING, INDUS. CONVERTING PAPERBOARD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	13	9.6	77.3	7.3	15.2	55.4	270.6	236.9	505.4	85.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	4	1.0	8.2	.8	1.7	6.4	51.6	47.4	98.9	.8
26313	SEMICHEMICAL PAPERBOARD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	22	5.4	43.4	4.3	9.6	33.4	143.9	109.6	252.6	33.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	17	3.5	27.2	2.9	6.3	21.4	99.4	70.3	169.6	27.1
26314	COMBINATION PAPERBOARD: SHIPPING CONTAINERBOARD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	34	4.8	36.3	3.8	8.8	28.4	83.7	79.9	162.9	15.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	26	2.9	21.4	2.3	5.4	16.6	50.0	55.4	105.1	9.3
26315	COMBINATION PAPERBOARD: BENDING										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	62	10.0	78.8	8.4	19.5	63.5	162.1	179.2	341.8	13.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	47	7.9	63.0	6.6	15.4	50.8	130.5	148.6	279.7	12.2
26316	COMBINATION PAPERBOARD: NONBENDING										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	27	4.1	30.6	3.4	8.0	23.2	59.3	44.9	104.6	4.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	10	1.3	10.0	1.1	2.6	7.2	20.2	12.0	32.2	1.5
26317	SPECIAL COMB. PACKAGING-INDUST. CONVERT. PAPERBD.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	40	4.0	31.4	3.3	7.6	24.3	59.4	68.2	127.7	6.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	26	2.2	16.4	1.8	4.1	12.6	33.5	41.6	75.2	4.0
26318	WET MACHINE BOARD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	18	1.4	9.2	1.2	2.8	7.1	17.2	12.3	28.9	2.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967–Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2661	BUILDING PAPER AND BOARD MILLS										
	ENTIRE INDUSTRY	94	11.7	82.5	10.0	21.5	67.4	183.7	155.6	341.1	20.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	86	10.0	70.8	8.5	18.2	57.4	151.8	127.6	279.1	18.3
26611	INSULATING BOARD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	22	7.3	52.1	6.3	13.6	42.4	121.3	89.2	212.0	5.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	17	4.6	33.2	3.9	8.4	26.9	73.9	49.8	122.6	3.8
26612	CONSTRUCTION PAPER										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	54	4.2	29.2	3.5	7.6	24.0	60.0	63.4	123.9	6.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	52	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2641--Paper Coating and Glazing
2642--Envelopes
2643--Bags, Except Textile Bags
2644--Wallpaper
2645--Die-Cut Paper and Paperboard and Cardboard
2646--Pressed and Molded Pulp Goods
2647--Sanitary Paper Products
2649--Converted Paper and Paperboard Products, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2641--PAPER COATING AND GLAZING

This industry comprises establishments primarily engaged in manufacturing coated, glazed, or varnished paper from purchased paper. Establishments primarily engaged in manufacturing carbon paper are classified in industry 3955; and photographic and blueprint paper in industry 3861. For a detailed list of products of industry 2641, refer to table 6A, product codes 2641113 to 2641698.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Paper Coating and Glazing Industry in 1967 totaled $1,566.5 million. This included shipments of coated and glazed paper (primary products), valued at $1,183.8 million, shipments of other products (secondary products) valued at $318.7 million, and miscellaneous receipts (mainly resales) of $64.0 million.

This industry's shipments of coated and glazed paper (primary products) in 1967 represented 79 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 82 percent. Secondary products shipped by this industry in 1967 consisted mainly of bags, except textile bags ($53.5 million), and abrasive products ($20-$50 million).

Industry 2641 shipments of coated and glazed paper (primary products) in 1967 represented 87 percent (coverage ratio) of these products valued at $1,354.6 million shipped by all industries. In 1963, the coverage ratio was 78 percent. Other industries shipping coated and glazed paper (primary products) consisted mainly of industry 2643, Bags, Except Textile Bags, $40.6 million; industry 2751, Commercial Printing, Except Lithographic, $20.8 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2641, these establishments accounted for 0.3 percent of payroll and 0.3 percent of value added by manufacture.

2642--ENVELOPES

This industry comprises establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard. Establishments primarily engaged in manufacturing papeteries (boxed stationery) are classified in industry 2649.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Envelopes Industry in 1967 totaled $470.3 million. This included shipments of envelopes (primary products), valued at $425.1 million, shipments of other products (secondary products) valued at $20.2 million, and miscellaneous receipts (mainly resales) of $25.0 million.

This industry's shipments of envelopes (primary products) in 1967 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent. Secondary products shipped by this industry in 1967 consisted mainly of converted paper products, n.e.c. ($10.9 million), and bags, except textile bags (over $2 million).

Industry 2642 shipments of envelopes (primary products) in 1967 represented 96 percent (coverage ratio) of these products valued at $443.4 million shipped by all industries. In 1963, the coverage ratio was 96 percent. Other industries shipping envelopes (primary products) consisted mainly of industry 2649, Converted Paper Products, N.E.C., $11.2 million; industry 2645, Die-cut Paper and Board, $1.2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2642, these establishments accounted for 0.2 percent of payroll and 0.3 percent of value added by manufacture.

2643--BAGS, EXCEPT TEXTILE BAGS

This industry comprises establishments primarily engaged in manufacturing bags from purchased paper, cellophane, acetate, polyethylene, pliofilm, foil, and similar sheet or film materials. For a detailed list of products of industry 2643, refer to table 6A, product codes 2643111 to 2643351.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Bags, Except Textile Bags, Industry in 1967 totaled $1,375.6 million. This included shipments of bags, except textile bags (primary products), valued at $1,131.2 million, shipments of other products (secondary products) valued at $186.5 million, and miscellaneous receipts (mainly resales) of $57.9 million.

This industry's shipments of bags, except textile bags (primary products) in 1967 represented 86 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 86 percent. Secondary products shipped by this industry in 1967 consisted mainly of coated and glazed paper ($40.6 million), and commercial printing, except lithographic ($39.4 million).

Industry 2643 shipments of bags, except textile bags (primary products) in 1967 represented 88 percent (coverage ratio) of these products valued at $1,292.7 million shipped by all industries. In 1963, the coverage ratio was 88 percent. Other industries shipping Bags, Except Textile Bags (primary products) consisted mainly of industry 2641, Paper Coating and Glazing, $53.5 million; industry 2647, Sanitary Paper Products, $27.2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2643, these establishments accounted for 0.9 percent of payroll and 1.1 percent of value added by manufacture.

2644--WALLPAPER

This industry comprises establishments primarily engaged in designing, printing and embossing paper for interior walls and ceilings. The paper stock used by this industry is called "hanging paper" and is produced by papermills classified in industry 2621. Does not include contractors who laminate combinations of sheets of vinyl, paper or cloth but do not take title to the product. For a detailed list of products of industry 2644, refer to table 6A, product codes 2644011 to 2644055.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Wallpaper Industry in 1967 totaled $48.6 million. This included shipments of wallpaper (primary products), valued at $46.1 million, shipments of other products (secondary products) and miscellaneous receipts (mainly resales) of $2.5 million.

This industry's shipments of wallpaper (primary products) in 1967 represented a minimum of 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 97 percent. Secondary products shipped by this industry in 1967 consisted mainly of coated and glazed paper.

Industry 2644 shipments of wallpaper (primary products) in 1967 represented 99 percent (coverage ratio) of these products valued at $46.2 million shipped by all industries. In 1963, the coverage ratio was 99 percent. Other industries shipping wallpaper (primary products) consisted mainly of industry 2641, Paper Coating and Glazing.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2644, these establishments accounted for 2.7 percent of payroll and 3.7 percent of value added by manufacture.

2645--DIE-CUT PAPER AND PAPERBOARD AND CARDBOARD

This industry comprises establishments primarily engaged in die-cutting purchased paper and paperboard; and in manufacturing cardboard by laminating lining, or surface coating paperboard. Establishments primarily engaged in laminating building paper or building board from purchased paper or board are classified in industry 2649. For a detailed list of products of industry 2645, refer to table 6A, product codes 2645111 to 2645211.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Die-Cut Paper and Board Industry in 1967 totaled $577.5 million. This included shipments of die-cut paper and board (primary products), valued at $470.8 million, shipments of other products (secondary products) valued at $75.8 million, and miscellaneous receipts (mainly resales) of $30.9 million.

This industry's shipments of die-cut paper and board (primary products) in 1967 represented 86 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 88 percent. Secondary products shipped by this industry in 1967 consisted mainly of manifold business forms and photographic equipment and supplies.

Industry 2645 shipments of die-cut paper and board (primary products) in 1967 represented 86 percent (coverage ratio) of these products valued at $547.6 million shipped by all industries. In 1963, the coverage ratio was 82 percent. Other industries shipping die-cut paper and board (primary products) consisted mainly of industry 2631, Paperboard Mills, $21.9 million; industry 2761, Manifold Business Forms, $8.8 million.

As indicated in the introduction, small establishments generally with less then 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2645, these establishments accounted for 1.3 percent of payroll and 1.3 percent of value added by manufacture.

2646--PRESSED AND MOLDED PULP GOODS

This industry comprises establishments primarily engaged in manufacturing all kinds of pressed and molded pulp goods, including papier-mache articles other than statuary and art goods (industry 3299). Establishments primarily engaged in manufacturing plates and utensils from paper are classified in industry 2654. For a detailed list of products of industry 2646, refer to table 6A, product codes 2646108 to 2646298.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Pressed and Molded Pulp Goods Industry in 1967 totaled $145.9 million.

This industry's shipments of pressed and molded pulp goods (primary products) in 1967 represented a minimum of 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 99 percent. Secondary products shipped by this industry in 1967 consisted mainly of miscellaneous plastics products.

Industry 2646 shipments of pressed and molded pulp goods (primary products) in 1967 represented a minimum of 95 percent (coverage ratio) of these products valued at $142.7 million shipped by all industries. In 1963, the coverage ratio was 96 percent.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2646, these establishments accounted for 0.0 percent of payroll and 0.1 percent of value added by manufacture.

2647--SANITARY PAPER PRODUCTS

This industry comprises establishments primarily engaged in manufacturing from purchased paper, sanitary paper products, such as facial tissues and handkerchiefs, table napkins, toilet paper, towels, sanitary napkins, and tampons. For a detailed list of products of industry 2647, refer to table 6A, product codes 2647111 to 2647298.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Sanitary Paper Products Industry in 1967 totaled $1,293.4 million. This included shipments of sanitary paper products (primary products), valued at $1,184.3 million, shipments of other products (secondary products) valued at $77.2 million, and miscellaneous receipts (mainly resales) of $31.9 million.

This industry's shipments of sanitary paper products (primary products) in 1967 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 93 percent. Secondary products shipped by this industry in 1967 consisted mainly of bags, except textile bags ($27.2 million), and converted paper products, n.e.c. ($20.1 million).

Industry 2647 shipments of sanitary paper products (primary products) in 1967 represented 96 percent (coverage ratio) of these products valued at $1,234.4 million shipped by all industries. In 1963, the coverage ratio was 97 percent. Other industries shipping sanitary paper products (primary products) consisted mainly of industry 2643, Bags, Except Textile Bags; industry 2299, Textile Goods, N.E.C.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2647, these establishments accounted for 0.13 percent of payroll and 0.07 percent of value added by manufacture.

2649--CONVERTED PAPER AND PAPERBOARD PRODUCTS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing from purchased paper or paperboard miscellaneous converted paper or paperboard products, not elsewhere classified. Establishments primarily engaged in manufacturing sanitary products from purchased paper are classified in industry 2647. For a detailed list of products of industry 2649, refer to table 6A, product codes 2649111 to 2649598.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Converted Paper Products, N.E.C., Industry in 1967 totaled $732.2 million. This included shipments of converted paper products, n.e.c.

(primary products), valued at $553.6 million, shipments of other products (secondary products) valued at $108.0 million, and miscellaneous receipts (mainly resales)of $70.6 million.

This industry's shipments of converted paper products, n.e.c. (primary products) in 1967 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 84 percent. Secondary products shipped by this industry in 1967 consisted mainly of blankbooks and looseleaf binders ($16.9 million), and commercial printing, except lithographic ($10-$20 million).

Industry 2649 shipments of converted paper products, n.e.c. (primary products) in 1967 represented 79 percent (coverage ratio) of these products valued at $703.5 million shipped by all industries. In 1963, the coverage ratio was 78 percent. Other industries shipping converted paper products, n.e.c. (primary products) consisted mainly of industry 2771, Greeting Card Publishing, $31.4 million; industry 2782, Blankbooks and Looseleaf Binders, $22.4 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2649, these establishments accounted for 1.8 percent of payroll and 1.9 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2641.--PAPER COATING AND GLAZING														
1967 Census....	397	202	37.1	260.8	27.0	56.4	165.6	728.0	843.3	1,566.5	59.1	173.7	79	87
1966 ASM[1].....	(NA)	(NA)	35.6	240.3	24.8	54.1	154.5	588.7	807.0	1,383.5	49.7	164.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	33.3	225.7	23.9	52.0	144.7	525.7	770.5	1,289.8	39.0	152.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	31.7	200.8	22.4	49.6	129.9	467.2	701.2	1,167.4	36.6	133.9	(NA)	(NA)
1963 Census....	387	181	32.0	200.8	23.3	49.9	130.3	457.4	709.9	1,161.6	45.6	139.0	82	78
1962 ASM[1].....	(NA)	(NA)	31.1	190.6	22.3	47.8	121.2	470.0	653.4	1,114.8	36.7	122.4	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	29.7	176.8	21.5	45.9	113.1	413.0	574.1	979.4	31.2	113.5	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	29.6	167.7	21.7	46.1	108.2	386.2	560.9	941.6	20.7	105.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	29.0	158.4	21.5	46.0	103.9	364.9	549.0	908.7	29.3	104.0	(NA)	(NA)
1958 Census[2]...	340	176	27.8	143.5	20.7	43.4	94.2	319.6	486.7	805.2	16.8	97.4	84	81
INDUSTRY 2642.-ENVELOPES														
1967 Census....	228	163	22.5	141.9	18.1	37.6	98.0	253.1	219.5	470.3	13.4	58.4	95	96
1966 ASM[1].....	(NA)	(NA)	22.1	135.8	17.7	37.4	93.9	242.5	208.9	446.3	13.1	60.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	21.8	125.2	18.2	36.5	88.2	209.7	195.6	403.0	10.4	50.9	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	20.6	116.4	16.4	34.0	79.6	191.1	176.7	365.7	9.0	45.2	(NA)	(NA)
1963 Census....	230	173	20.7	114.9	16.4	34.2	78.6	189.0	174.1	363.2	8.1	43.7	94	96
1962 ASM[1].....	(NA)	(NA)	19.2	102.8	15.1	31.8	71.0	160.5	167.7	327.3	8.1	39.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	18.9	97.6	14.8	31.0	67.1	152.2	160.2	313.0	*8.4	38.2	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	18.8	94.8	15.0	31.0	66.3	150.8	159.4	307.6	*6.0	39.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	18.3	89.8	14.7	30.4	61.3	145.1	150.9	294.9	*7.1	36.5	(NA)	(NA)
1958 Census[2]...	205	146	17.8	84.6	14.3	29.4	58.2	138.3	133.2	271.6	6.4	31.8	93	94
INDUSTRY 2643.--BAGS, EXCEPT TEXTILE BAGS														
1967 Census....	557	310	46.3	273.3	37.1	75.6	197.4	563.7	819.4	1,375.6	45.6	163.6	86	88
1966 ASM[1].....	(NA)	(NA)	47.1	273.2	37.7	78.2	191.7	558.0	808.0	1,358.5	54.2	165.3	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	43.9	242.2	35.1	71.6	171.3	475.0	740.9	1,207.3	34.9	149.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	43.6	233.4	35.1	71.9	166.8	404.0	702.4	1,099.7	41.6	133.7	(NA)	(NA)
1963 Census....	586	297	42.3	219.1	34.3	69.1	156.7	369.7	689.8	1,061.7	26.7	134.1	86	88
1962 ASM[1].....	(NA)	(NA)	40.0	200.8	32.8	64.0	144.9	375.1	640.0	1,005.9	24.7	118.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	39.5	192.6	32.4	63.2	137.6	351.5	644.1	992.0	21.1	109.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	41.0	189.2	33.7	63.5	133.8	331.4	622.0	952.0	23.7	107.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	40.3	183.1	32.5	65.3	131.7	335.2	640.0	971.1	22.7	108.5	(NA)	(NA)
1958 Census[2]...	461	251	39.0	169.9	31.7	63.2	122.3	308.9	601.8	908.5	18.5	102.7	84	81
INDUSTRY 2644.-WALLPAPER														
1967 Census....	77	31	2.3	14.6	1.8	3.6	9.9	27.0	22.4	48.6	0.5	11.0	[3]95	99
1966 ASM[1].....	(NA)	(NA)	2.2	(S)	1.6	3.3	(S)	24.6	20.0	45.9	*1.3	11.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	2.1	(S)	1.5	3.0	(S)	25.5	16.3	42.6	*1.2	9.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	2.2	12.3	1.7	3.4	8.3	22.4	17.7	40.7	0.3	8.0	(NA)	(NA)
1963 Census....	79	31	2.2	11.9	1.6	3.3	7.9	20.9	15.6	36.5	0.4	8.5	97	99
1962 ASM[1].....	(NA)	(NA)	2.0	10.0	1.6	3.2	7.0	17.8	13.7	31.8	(Z)	6.4	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	2.1	10.1	1.6	3.3	7.2	18.6	14.0	33.2	(Z)	6.5	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)
1958 Census[2]...	73	29	2.8	13.4	2.1	4.4	9.1	21.5	19.5	40.8	0.4	9.2	93	99
INDUSTRY 2645.-DIE-CUT PAPER AND BOARD														
1967 Census....	440	189	18.6	117.3	14.7	29.4	79.9	247.3	329.1	577.5	9.0	56.1	86	86
1966 ASM[1].....	(NA)	(NA)	18.3	113.4	13.9	28.3	74.1	232.7	290.2	512.5	8.4	55.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	16.5	96.0	12.7	25.6	66.0	206.5	257.5	458.4	8.6	44.0	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	16.2	90.8	12.8	24.8	61.5	181.3	227.2	407.3	*8.9	40.6	(NA)	(NA)
1963 Census....	425	156	15.1	83.4	11.7	23.5	57.1	183.2	200.3	378.3	7.7	37.4	88	82
1962 ASM[1].....	(NA)	(NA)	13.6	71.1	10.8	21.2	49.1	141.4	166.2	307.2	*7.7	39.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	14.6	73.2	11.5	22.2	51.6	137.4	177.0	313.5	5.8	38.9	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	14.3	70.5	11.4	21.8	50.8	135.5	172.1	306.6	(S)	39.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	14.0	67.2	11.2	22.5	48.4	123.3	156.4	278.2	(S)	32.9	(NA)	(NA)
1958 Census[2]...	372	118	12.2	58.5	9.4	18.5	39.1	111.2	139.1	251.4	10.6	29.9	92	80

See footnotes at end of table.

TABLE 1A. General Statistics: 1958 to 1967–Continued

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 2646.--PRESSED AND MOLDED PULP GOODS													
1967 Census....	58	45	6.7	44.8	5.4	11.4	33.0	97.8	48.7	145.9	17.6	16.2	[3]95	[3]95
1966 ASM[1].....	(NA)	(NA)	7.0	43.3	5.4	11.4	31.5	97.9	52.9	151.5	10.0	15.4	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	6.7	41.3	5.4	11.2	29.9	93.0	51.9	145.4	17.3	15.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	6.8	39.7	5.6	11.6	29.7	81.8	49.3	130.7	*11.1	13.9	(NA)	(NA)
1963 Census....	59	42	5.7	32.9	4.5	9.7	24.2	70.0	40.8	110.1	11.6	14.1	99	96
1962 ASM[1].....	(NA)	(NA)	4.3	30.2	3.2	8.0	20.7	62.1	38.6	101.0	19.8	12.2	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	3.9	25.5	2.9	7.4	18.0	57.7	32.9	90.3	7.5	11.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	4.0	24.0	3.1	7.8	17.8	55.3	32.5	88.0	10.9	10.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	4.3	23.7	3.4	8.3	17.7	57.1	33.2	90.1	5.0	10.4	(NA)	(NA)
1958 Census[2]...	55	28	4.5	21.3	3.7	7.8	15.9	49.8	30.2	78.8	2.2	9.0	99	96
	INDUSTRY 2647.--SANITARY PAPER PRODUCTS													
1967 Census....	125	86	22.0	154.2	18.3	37.6	119.2	540.2	757.8	1,293.4	58.5	78.9	94	96
1966 ASM[1].....	(NA)	(NA)	20.2	136.9	16.9	35.0	104.8	476.5	715.6	1,185.8	48.6	73.3	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	19.5	123.8	16.0	33.2	94.4	418.4	683.8	1,104.9	38.7	64.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	19.2	117.3	15.8	32.7	89.6	390.7	644.0	1,029.3	26.4	66.2	(NA)	(NA)
1963 Census....	119	77	19.1	112.5	15.3	32.3	85.9	369.7	619.4	983.0	16.6	59.4	93	97
1962 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census[2]...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	INDUSTRY 2649.--CONVERTED PAPER PRODUCTS, N.E.C.													
1967 Census....	610	258	31.1	175.5	24.4	47.2	116.2	376.1	366.0	732.2	22.2	132.7	84	79
1966 ASM[1].....	(NA)	(NA)	34.4	181.4	27.1	53.0	120.0	443.8	414.1	840.4	26.5	130.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	32.3	165.3	25.1	48.9	107.6	369.1	369.6	736.1	30.5	104.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	30.1	150.3	22.4	44.2	96.5	326.5	305.8	629.2	18.7	97.8	(NA)	(NA)
1963 Census....	610	239	29.5	141.9	22.2	43.6	92.1	302.5	290.4	591.7	11.9	92.7	84	78
1962 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census[2]...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Note: In 1967, 1963, and 1958, the number of companies in industry 2641 was 334, 323, and 291, respectively; in industry 2642: 172, 180, and 172; industry 2643: 466, 495, and 379; industry 2644: 74, 77, and 70; industry 2645: 368, 370, and 343; industry 2646: 43, 43, and 46; industry 2647: 91, 97, and (NA); industry 2649: 566, 570, and (NA). The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. * These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

[3]This is a minimum percentage. The exact percentage cannot be shown without disclosing figures for individual companies.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2641.--PAPAER COATING AND GLAZING								
1967 Census	7,035	73	2,086	2.94	.54	.70	19,640	36	12.91
1966 ASM	6,745	70	2,176	2.86	.58	.76	16,521	41	10.89
1965 ASM	6,771	72	2,174	2.78	.60	.77	15,773	43	10.11
1964 ASM	6,339	71	2,210	2.62	.60	.77	14,753	43	9.42
1963 Census	6,278	73	2,146	2.61	.61	.78	14,300	44	9.16
1962 ASM	6,119	72	2,146	2.53	.59	.76	15,090	41	9.83
1961 ASM	5,953	72	2,138	2.46	.59	.77	13,905	43	8.99
1960 ASM	5,671	73	2,119	2.35	.60	.77	13,058	43	8.39
1959 ASM	5,470	74	2,143	2.26	.60	.78	12,602	43	7.93
1958 Census	5,162	74	2,101	2.17	.60	.78	11,498	45	7.36
	INDUSTRY 2642.--ENVELOPES								
1967 Census	6,316	81	2,073	2.61	.47	.77	11,264	56	6.73
1966 ASM	6,145	80	2,114	2.51	.47	.77	10,975	56	6.48
1965 ASM	5,757	84	2,007	2.42	.49	.80	9,642	60	5.75
1964 ASM	5,658	80	2,071	2.34	.48	.80	9,286	61	5.63
1963 Census	5,541	79	2,080	2.30	.48	.80	9,116	61	5.52
1962 ASM	5,341	78	2,103	2.24	.51	.83	8,342	61	5.06
1961 ASM	5,169	78	2,097	2.16	.51	.82	8,061	64	4.91
1960 ASM	5,037	80	2,066	2.14	.52	.83	8,013	63	4.87
1959 ASM	4,908	80	2,077	2.02	.51	.82	7,930	62	4.77
1958 Census	4,762	81	2,059	1.98	.49	.80	7,789	61	4.70
	INDUSTRY 2643.--BAGS, EXCEPT TEXTILE BAGS								
1967 Census	6,007	80	2,035	2.61	.60	.80	12,170	49	7.46
1966 ASM	5,801	80	2,073	2.45	.59	.80	11,850	49	7.14
1965 ASM	5,518	80	2,043	2.39	.61	.81	10,823	51	6.63
1964 ASM	5,349	80	2,052	2.32	.64	.85	9,258	58	5.62
1963 Census	5,175	81	2,015	2.27	.65	.86	8,731	59	5.35
1962 ASM	5,015	82	1,950	2.26	.64	.84	9,370	54	5.86
1961 ASM	4,870	82	1,947	2.18	.65	.84	8,890	55	5.57
1960 ASM	4,615	82	1,886	2.11	.65	.85	8,083	57	5.22
1959 ASM	4,543	81	2,007	2.02	.66	.85	8,318	55	5.14
1958 Census	4,351	81	1,996	1.94	.66	.85	7,911	55	4.89
	INDUSTRY 2644.--WALLPAPER								
1967 Census	6,243	78	1,981	2.74	.46	.76	11,575	54	7.48
1966 ASM	(S)	71	2,089	(S)	.44	.76	10,924	(S)	7.40
1965 ASM	(S)	71	1,985	(S)	.38	.68	11,859	(S)	8.36
1964 ASM	5,609	76	2,019	2.46	.44	.74	10,217	55	6.63
1963 Census	5,408	75	1,979	2.41	.43	.75	9,529	57	6.40
1962 ASM	4,910	77	2,064	2.15	.43	.74	8,751	56	5.50
1961 ASM	4,823	78	2,033	2.16	.42	.73	8,902	54	5.60
1960 ASM	4,782	75	2,088	2.07	.48	.81	7,649	63	4.91
1959 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	INDUSTRY 2645--DIE-CUT PAPER AND BOARD								
1967 Census	6,310	79	1,994	2.72	.57	.77	13,305	47	8.42
1966 ASM	6,187	76	2,034	2.62	.57	.79	12,695	49	8.21
1965 ASM	5,826	77	2,008	2.58	.56	.77	12,527	47	8.07
1964 ASM	5,589	79	1,930	2.48	.56	.78	11,159	50	7.32
1963 Census	5,509	77	2,011	2.43	.53	.75	12,103	46	7.79
1962 ASM	5,232	80	1,962	2.32	.54	.77	10,405	50	6.67
1961 ASM	5,021	79	1,927	2.32	.56	.80	9,426	53	6.19
1960 ASM	4,939	80	1,913	2.33	.56	.79	9,485	52	6.21
1959 ASM	4,782	80	2,012	2.15	.56	.80	8,780	54	5.48
1958 Census	4,793	77	1,964	2.11	.55	.79	9,105	53	6.00
	INDUSTRY 2646.--PRESSED AND MOLDED PULP GOODS								
1967 Census	6,684	80	2,128	2.89	.33	.64	14,577	46	8.56
1966 ASM	6,218	77	2,126	2.76	.35	.63	14,069	44	8.60
1965 ASM	6,176	81	2,083	2.66	.36	.64	13,898	44	8.28
1964 ASM	5,793	82	2,064	2.56	.38	.68	11,946	48	7.06
1963 Census	5,745	79	2,144	2.50	.37	.67	12,239	47	7.22
1962 ASM	6,992	74	2,513	2.58	.38	.68	14,374	49	7.72
1961 ASM	6,623	75	2,570	2.43	.36	.65	14,969	44	7.77
1960 ASM	6,069	79	2,494	2.30	.37	.64	13,961	43	7.13
1959 ASM	5,550	79	2,447	2.14	.37	.63	13,384	41	6.90
1958 Census	4,753	83	2,105	2.05	.38	.65	11,140	43	6.40

See footnotes at end of table.

TABLE 1B. Selected Operating Ratios: 1958 to 1967—Continued

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2647.--SANITARY PAPER PRODUCTS								
1967 Census	7,008	83	2,059	3.17	.59	.71	24,558	29	14.36
1966 ASM	6,767	83	2,077	2.99	.60	.72	23,556	29	13.60
1965 ASM	6,354	82	2,073	2.84	.62	.73	21,464	30	12.60
1964 ASM	6,119	82	2,076	2.74	.63	.73	20,382	30	11.94
1963 Census	5,890	80	2,119	2.66	.63	.74	19,348	30	11.43
1962 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	INDUSTRY 2647.--CONVERTED PAPER PRODUCTS, N.E.C.								
1967 Census	5,636	78	1,933	2.46	.50	.74	12,076	47	7.97
1966 ASM	5,267	79	1,960	2.26	.49	.71	12,885	41	8.37
1965 ASM	5,114	77	1,951	2.20	.50	.73	11,414	45	7.55
1964 ASM	4,993	75	1,971	2.18	.49	.73	10,844	46	7.38
1963 Census	4,808	75	1,963	2.11	.49	.73	10,251	47	6.94
1962 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2641-- PAPER COATING AND GLAZING													
UNITED STATES	397	202	37.1	260.8	27.0	56.4	165.6	728.0	843.3	1 566.5	59.1	32.0	457.4
NORTHEAST REGION	183	87	12.6	90.4	9.1	19.7	54.9	217.2	260.7	476.1	22.5	10.3	161.1
NEW ENGLAND DIVISION	61	33	5.2	37.9	3.7	8.3	23.8	80.1	104.6	183.4	12.3	4.2	53.3
NEW HAMPSHIRE	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
VERMONT	4	4	.2	1.2	.2	.4	.9	2.1	5.5	7.6	.1	.3	2.4
MASSACHUSETTS	40	20	3.4	23.8	2.5	5.6	15.8	49.4	62.1	110.4	(D)	2.4	30.1
RHODE ISLAND	7	5	.3	2.3	.3	.5	1.4	4.3	8.1	12.4	.1	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	122	54	7.5	52.5	5.4	11.4	31.2	137.1	156.0	292.7	10.2	6.2	107.8
NEW YORK	57	19	2.2	13.5	1.8	3.9	8.7	27.5	39.8	67.2	1.5	1.7	17.5
NEW JERSEY	40	22	3.1	24.6	2.0	4.2	12.7	46.9	81.3	128.9	4.3	3.1	44.4
PENNSYLVANIA	25	13	2.2	14.4	1.6	3.3	9.7	62.7	35.0	96.7	4.3	1.3	45.9
NORTH CENTRAL REGION	117	69	19.3	136.9	14.1	28.7	88.7	436.4	450.6	886.4	30.9	16.7	237.9
EAST NORTH CENTRAL DIVISION	103	63	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	14.2	181.7
OHIO	27	16	3.5	25.6	2.2	4.6	14.0	60.9	64.9	125.1	3.6	4.2	53.9
INDIANA	8	4	.5	3.3	.3	.7	2.0	9.2	14.0	23.2	.3	.4	4.8
ILLINOIS	34	19	3.8	26.2	2.8	5.7	15.6	82.9	68.8	149.6	3.5	2.4	34.6
MICHIGAN[c]	16	10	2.6	18.9	2.0	4.3	13.1	35.8	60.2	94.6	1.8	4.2	49.1
WISCONSIN	17	13	3.5	24.8	2.8	5.9	17.7	48.9	104.3	154.1	8.9	3.0	39.2
WEST NORTH CENTRAL DIVISION	14	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.5	56.2
MINNESOTA	6	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
IOWA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	5	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	44	26	2.8	16.2	2.2	4.7	10.9	41.4	71.2	111.4	2.8	3.2	34.7
SOUTH ATLANTIC DIVISION	28	16	1.3	7.4	.9	1.9	4.6	17.0	28.8	45.5	.9	(D)	(D)
NORTH CAROLINA[c]	7	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	6.0
SOUTH CAROLINA	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	6	3	.2	.9	.1	.3	.6	2.4	6.7	9.0	(D)	.3	5.3
EAST SOUTH CENTRAL DIVISION	7	5	1.0	5.2	.9	1.9	4.1	15.2	24.6	39.2	.9	(D)	(D)
KENTUCKY	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	9	5	.5	3.6	.4	.9	2.2	9.2	17.8	26.7	1.1	(D)	(D)
LOUISIANA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	6	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	53	20	2.2	17.3	1.6	3.4	11.1	33.1	60.9	92.6	2.9	1.8	23.8
PACIFIC DIVISION	47	19	2.2	16.9	1.5	3.2	10.8	32.5	59.7	90.8	2.8	(D)	(D)
OREGON	6	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	41	17	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
2642-- ENVELOPES													
UNITED STATES	228	163	22.5	141.9	18.1	37.6	98.0	253.1	219.5	470.3	13.4	20.7	189.0
NORTHEAST REGION	85	54	8.1	49.6	6.8	14.2	36.6	89.3	86.9	175.5	6.1	7.6	65.6
NEW ENGLAND DIVISION	20	13	2.8	16.6	2.3	4.8	12.4	29.5	30.7	60.3	3.0	2.7	20.2
MASSACHUSETTS	15	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	65	41	5.2	33.0	4.4	9.4	24.2	59.8	56.2	115.1	3.1	4.9	45.5
NEW YORK	44	25	3.0	19.5	2.6	5.6	14.7	35.3	37.0	72.0	1.8	3.0	29.0
NEW JERSEY	7	5	.9	5.7	.7	1.6	4.1	10.7	7.7	18.5	.4	1.1	10.2
PENNSYLVANIA	14	10	1.4	7.9	1.1	2.2	5.5	13.8	11.4	24.7	.9	.8	6.3
NORTH CENTRAL REGION	66	52	8.1	53.7	6.3	13.2	35.9	92.8	72.7	164.7	3.9	8.1	72.8
EAST NORTH CENTRAL DIVISION	41	32	5.7	37.8	4.4	9.3	25.5	62.0	49.3	110.9	2.6	5.8	50.0
OHIO	12	7	1.4	8.8	1.1	2.3	6.2	13.8	12.3	26.0	.5	1.8	14.1
INDIANA	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS	17	16	3.2	21.8	2.5	5.3	14.9	35.3	27.9	62.9	1.6	2.8	25.3
MICHIGAN	6	4	.5	3.4	.3	.7	2.0	5.8	4.0	9.7	.2	.5	5.2
WISCONSIN	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	25	20	2.4	15.9	1.9	4.0	10.4	30.8	23.4	53.8	1.3	2.3	22.9
MINNESOTA	8	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	7.2
MISSOURI	12	10	1.3	8.3	1.0	2.1	5.4	17.2	12.8	29.7	.6	1.2	12.8
NEBRASKA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	48	36	3.9	21.5	3.2	6.4	14.4	38.7	36.8	75.0	2.3	2.9	26.6
SOUTH ATLANTIC DIVISION	24	18	2.2	12.4	1.8	3.5	8.3	21.9	20.9	42.7	1.5	1.7	15.8
MARYLAND	5	3	.3	2.0	.3	.6	1.3	3.3	3.6	6.9	.3	.3	2.9
VIRGINIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA[c]	4	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.0
FLORIDA[c]	7	4	.3	1.3	.2	.5	.9	2.0	2.5	4.6	.1	.2	1.4
EAST SOUTH CENTRAL DIVISION	8	6	.7	3.3	.6	1.2	2.5	6.6	5.7	12.2	.2	.4	3.3
TENNESSEE	3	3	.2	1.3	.2	.4	.8	2.5	2.3	4.8	(Z)	[2](D)	[2](D)
MISSISSIPPI	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2642-- ENVELOPES --CON.													
SOUTH REGION--CON.													
WEST SOUTH CENTRAL DIVISION. . .	16	12	1.0	5.8	.8	1.6	3.6	10.2	10.2	20.1	.5	.8	7.4
TEXAS.	12	10	.9	5.3	.7	1.4	3.3	9.5	9.3	18.5	.4	[2](D)	[2](D)
WEST REGION.	29	21	2.4	17.1	1.9	3.8	11.0	32.4	23.0	55.1	1.1	2.1	23.9
MOUNTAIN DIVISION.	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
COLORADO	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	24	18	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OREGON	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	20	14	1.5	10.6	1.2	2.4	7.2	20.6	15.8	36.3	.6	[2](D)	[2](D)
2643-- BAGS, EXCEPT TEXTILE BAGS													
UNITED STATES.	557	310	46.3	278.3	37.1	75.6	197.4	563.7	819.4	1 375.6	45.6	42.3	369.7
NORTHEAST REGION	216	103	11.2	69.1	8.4	17.0	43.6	145.7	200.6	341.4	12.2	10.2	98.7
NEW ENGLAND DIVISION	38	18	1.5	8.1	1.2	2.5	5.8	18.7	25.6	43.9	1.1	1.4	12.0
MASSACHUSETTS.	21	11	1.0	5.3	.8	1.7	3.9	13.0	19.2	31.9	.5	1.0	9.6
CONNECTICUT.	8	4	.3	1.8	.3	.5	1.3	3.1	3.1	6.1	(D)	.1	.7
MIDDLE ATLANTIC DIVISION	178	85	9.6	61.0	7.2	14.4	37.8	127.1	175.0	297.4	11.1	8.8	86.7
NEW YORK	120	55	5.7	35.9	4.2	8.3	21.4	74.7	99.6	172.3	6.9	5.5	52.9
NEW JERSEY	28	15	1.7	10.6	1.2	2.6	6.5	18.8	33.6	51.4	1.8	1.0	11.0
PENNSYLVANIA	30	15	2.2	14.6	1.7	3.5	9.8	33.5	41.8	73.7	2.4	2.2	22.9
NORTH CENTRAL REGION	156	80	10.5	62.4	8.2	16.9	41.5	125.1	159.7	285.4	8.5	10.0	101.8
EAST NORTH CENTRAL DIVISION. . .	119	60	7.1	43.1	5.5	11.4	28.3	85.3	108.6	194.3	6.5	7.2	72.9
OHIO	27	14	1.4	8.8	1.1	2.5	6.0	16.9	23.8	40.6	1.3	2.7	25.3
INDIANA.	11	8	1.3	6.2	1.0	2.0	4.5	11.5	12.8	24.1	.5	1.0	8.4
ILLINOIS	55	26	3.5	22.6	2.6	5.5	14.4	47.1	52.1	100.1	4.0	2.7	28.4
MICHIGAN	13	7	.6	3.5	.5	.8	2.0	6.8	13.6	20.4	.2	[2](D)	[2](D)
WISCONSIN.	13	5	.3	2.0	.3	.6	1.4	2.9	6.4	9.1	.4	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION. . .	37	20	3.3	19.3	2.6	5.5	13.2	39.8	51.1	91.1	2.0	2.8	28.9
MINNESOTA.	10	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.2
IOWA	3	3	.9	5.5	.7	1.5	3.8	15.6	11.4	27.3	1.0	[2](D)	[2](D)
MISSOURI	16	9	1.7	9.2	1.3	2.6	5.9	14.2	23.0	37.3	.7	1.5	11.0
NEBRASKA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	7	2	.2	1.1	.1	.3	.8	2.4	3.6	5.9	.2	.1	1.3
SOUTH REGION	120	90	21.1	123.7	17.6	35.9	95.5	244.5	386.1	628.4	20.3	18.5	131.3
SOUTH ATLANTIC DIVISION. . . .	55	39	10.1	58.9	8.5	17.3	46.0	125.2	185.9	309.9	12.6	9.1	75.0
VIRGINIA	10	9	1.2	6.3	1.1	2.2	4.9	13.0	31.4	44.6	1.1	1.4	10.8
WEST VIRGINIA.	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	4	4	.2	1.0	.2	.3	.7	2.1	4.5	6.6	.1	[2](D)	[2](D)
SOUTH CAROLINA	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	14.0
GEORGIA.	14	8	3.4	19.8	2.8	5.6	15.1	34.1	64.2	97.9	4.6	3.2	23.3
FLORIDA.	12	8	3.6	21.5	3.1	6.3	17.8	52.0	59.6	110.8	3.7	2.6	18.6
EAST SOUTH CENTRAL DIVISION. . .	21	18	4.8	27.2	4.0	8.3	22.0	47.5	81.1	128.8	3.4	4.4	20.6
KENTUCKY	6	6	1.2	6.1	1.1	2.3	4.7	12.0	16.5	28.5	1.1	[2](D)	[2](D)
TENNESSEE.	9	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	8.9
ALABAMA.	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	3.9
WEST SOUTH CENTRAL DIVISION. . .	44	33	6.3	37.6	5.1	10.2	27.5	71.8	119.0	189.7	4.3	4.8	35.7
ARKANSAS	10	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	9.6
LOUISIANA.	11	11	2.4	14.4	2.1	4.2	11.7	25.1	54.1	79.0	2.1	2.6	16.0
TEXAS.	20	12	2.5	15.3	1.7	3.6	9.0	29.8	36.9	65.9	1.2	[2](D)	[2](D)
WEST REGION.	65	37	3.6	23.0	2.9	5.8	16.9	48.4	73.1	120.4	4.7	3.8	37.8
MOUNTAIN DIVISION.	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	61	35	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	7	5	.8	4.9	.7	1.4	3.8	10.7	17.6	28.2	(D)	[2](D)	[2](D)
OREGON	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	48	27	2.3	15.1	1.9	3.8	11.0	32.2	48.0	79.5	(D)	(D)	(D)
2644-- WALLPAPER													
UNITED STATES.	77	31	2.3	14.6	1.8	3.6	9.9	27.0	22.4	48.6	.5	2.2	20.9
NORTHEAST REGION	53	20	1.4	9.1	1.1	2.3	6.1	18.9	15.4	33.0	.3	1.3	12.3
NEW ENGLAND DIVISION	5	3	.2	1.1	.1	.2	.7	1.8	.9	2.8	(Z)	.2	1.5
MIDDLE ATLANTIC DIVISION	48	17	1.3	8.0	1.0	2.0	5.4	17.0	14.5	30.3	.3	1.1	10.8
NEW YORK	33	11	.9	5.6	.7	1.4	3.7	13.4	11.2	23.6	.2	[2](D)	[2](D)
NEW JERSEY	9	3	.2	1.0	.1	.3	.7	1.8	1.4	3.0	.1	[2](D)	[2](D)
PENNSYLVANIA[e].	6	3	.2	1.4	.2	.3	.9	1.8	1.8	3.7	(Z)	[2](D)	[2](D)
NORTH CENTRAL REGION	13	9	.7	4.2	.5	1.0	3.0	5.2	5.5	11.1	.1	.7	6.5
EAST NORTH CENTRAL DIVISION. . .	13	9	.7	4.2	.5	1.0	3.0	5.2	5.5	11.1	.1	(D)	(D)
OHIO	3	2	.2	.8	.1	.2	.6	.7	.5	1.5	(Z)	[2](D)	[2](D)
ILLINOIS	9	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	4.2

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2644-- WALLPAPER--CON.													
WEST REGION	9	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	9	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	8	2	.2	1.2	.1	.3	.9	2.8	1.3	4.2	(D)	[2](D)	[2] (D)
2645-- DIE-CUT PAPER AND BOARD													
UNITED STATES	440	189	18.6	117.3	14.7	29.4	79.9	247.3	329.1	577.5	9.0	15.1	183.2
NORTHEAST REGION	191	77	7.0	43.0	5.6	11.0	28.8	90.0	88.3	177.9	3.0	6.1	68.8
NEW ENGLAND DIVISION	32	13	.9	5.2	.7	1.4	3.8	10.2	13.1	23.2	(D)	.7	7.1
MASSACHUSETTS	18	8	.6	3.2	.5	.9	2.4	6.8	10.0	16.6	(D)	.5	5.4
RHODE ISLAND	6	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	159	64	6.1	37.8	4.9	9.6	25.0	79.7	75.2	154.7	(D)	5.3	61.7
NEW YORK	106	42	4.0	24.4	3.2	6.2	16.2	44.6	38.6	83.9	1.5	3.6	37.0
NEW JERSEY	29	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	19.7
PENNSYLVANIA	24	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	5.0
NORTH CENTRAL REGION	143	67	7.4	46.7	5.8	11.5	30.8	87.9	110.1	197.5	3.9	6.3	77.7
EAST NORTH CENTRAL DIVISION	111	57	6.2	39.3	4.9	9.8	26.7	74.5	97.0	171.2	(D)	5.4	71.4
OHIO	27	10	.8	4.0	.7	1.4	2.8	7.7	12.0	19.7	.9	1.4	23.0
INDIANA	7	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS	47	26	2.2	13.9	1.8	3.5	8.4	25.2	26.9	52.0	1.3	[2](D)	[2] (D)
MICHIGAN	19	13	1.6	10.8	1.3	2.5	7.4	19.3	38.1	57.4	.9	1.0	10.9
WISCONSIN	11	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.6
WEST NORTH CENTRAL DIVISION	32	10	1.3	7.4	.9	1.8	4.1	13.4	13.0	26.3	(D)	.9	6.3
MINNESOTA	10	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
IOWA	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
MISSOURI	13	4	.2	1.0	.1	.3	.8	2.5	2.8	5.2	.1	[2](D)	[2] (D)
SOUTH REGION	56	23	2.4	15.8	2.0	4.2	12.0	49.3	104.6	153.7	1.3	(D)	(D)
SOUTH ATLANTIC DIVISION	37	15	1.7	11.5	1.4	3.0	8.6	30.9	35.6	66.4	(D)	(D)	(D)
DISTRICT OF COLUMBIA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
VIRGINIA	5	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CAROLINA[e]	9	4	.4	1.9	.3	.6	1.4	5.6	8.0	13.6	.4	.2	2.4
GEORGIA	10	5	.4	2.0	.3	.6	1.4	7.7	5.9	13.6	.1	[2](D)	[2] (D)
WEST SOUTH CENTRAL DIVISION	14	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
TEXAS	8	4	.4	2.4	.3	.6	1.7	5.7	9.0	14.7	.2	.3	5.0
WEST REGION	50	22	1.7	11.8	1.4	2.7	8.4	20.1	26.1	48.5	.8	(D)	(D)
PACIFIC DIVISION	45	20	1.6	10.9	1.3	2.5	7.7	17.2	24.0	43.4	.8	(D)	(D)
CALIFORNIA	39	18	1.4	9.9	1.2	2.3	7.1	15.3	21.2	38.7	.7	1.1	13.1
2646-- PRESSED AND MOLDED PULP GOODS													
UNITED STATES	58	45	6.7	44.8	5.4	11.4	33.0	97.8	48.7	145.9	17.6	5.7	70.0
NORTHEAST REGION	19	16	3.0	20.7	2.3	4.9	14.3	38.2	24.0	62.0	7.2	2.9	30.0
NEW ENGLAND DIVISION	5	5	1.6	10.9	1.2	2.6	7.8	21.6	11.9	33.2	(D)	1.5	19.4
MAINE	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
MASSACHUSETTS	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
MIDDLE ATLANTIC DIVISION	14	11	1.5	9.7	1.1	2.3	6.5	16.6	12.2	28.7	(D)	1.3	10.6
NEW YORK	8	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
NORTH CENTRAL REGION	18	15	1.9	12.9	1.6	3.4	9.7	24.2	11.8	35.8	3.4	1.7	19.4
EAST NORTH CENTRAL DIVISION	16	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO[e]	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
INDIANA	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
ILLINOIS	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
WISCONSIN	4	4	.3	1.7	.2	.4	1.2	3.5	1.8	5.2	.3	.2	2.9
SOUTH REGION	8	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION[e]	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSISSIPPI	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	13	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	13	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	8	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	16.9

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
2647-- SANITARY PAPER PRODUCTS													
UNITED STATES	125	86	22.0	154.2	18.3	37.6	119.2	540.2	757.8	1 293.4	58.5	19.1	369.7
NORTHEAST REGION	58	39	9.1	61.9	7.1	14.7	44.1	191.3	279.3	470.3	12.0	8.7	159.4
NEW ENGLAND DIVISION	23	17	3.7	21.8	3.1	6.3	17.4	74.4	92.0	165.3	3.1	2.8	58.8
MAINE	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW HAMPSHIRE[e]	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	4.3
VERMONT	3	3	.6	3.3	.6	1.2	3.0	15.4	12.3	27.4	(D)	[2](D)	[2](D)
MASSACHUSETTS	11	6	1.2	6.5	.9	1.8	4.5	19.0	20.5	39.2	1.4	.8	14.2
CONNECTICUT	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	35	22	5.4	40.1	4.0	8.4	26.7	116.9	187.3	305.1	8.9	5.9	100.6
NEW YORK	24	16	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.5	44.5
NEW JERSEY	6	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
PENNSYLVANIA	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
NORTH CENTRAL REGION	33	25	6.8	48.3	5.7	12.0	38.2	169.4	238.4	404.8	9.9	(D)	(D)
EAST NORTH CENTRAL DIVISION	30	23	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.6	112.8
INDIANA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.7
ILLINOIS	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
MICHIGAN	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
WISCONSIN	18	17	5.6	41.3	4.8	10.0	33.2	140.0	208.9	346.0	8.4	4.8	91.2
WEST NORTH CENTRAL DIVISION	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	9	5	2.2	16.4	2.1	4.3	14.5	100.9	91.3	191.0	30.9	1.4	40.8
EAST SOUTH CENTRAL DIVISION	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
ALABAMA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
WEST SOUTH CENTRAL DIVISION	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	25	17	3.9	27.5	3.4	6.6	22.3	78.6	148.8	227.3	5.7	3.5	56.6
PACIFIC DIVISION	23	16	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
WASHINGTON	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
OREGON	4	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
CALIFORNIA	15	11	1.6	11.4	1.4	2.7	8.9	38.0	62.8	100.4	1.3	[2](D)	[2] (D)
2649-- CONVERTED PAPER PRODUCTS, NEC													
UNITED STATES	610	258	31.1	175.5	24.4	47.2	116.2	376.1	366.0	732.2	22.2	29.5	302.5
NORTHEAST REGION	300	130	15.9	90.9	12.3	23.8	58.6	184.4	170.3	349.3	11.9	13.8	134.1
NEW ENGLAND DIVISION	69	31	6.1	38.7	4.5	8.7	24.0	81.3	61.8	139.4	7.0	[2]5.6	[2]50.6
NEW HAMPSHIRE[e]	5	4	.3	1.4	.2	.4	.8	2.6	3.4	5.9	.6	[2](D)	[2] (D)
VERMONT	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.0
MASSACHUSETTS	46	22	5.2	34.0	3.8	7.3	21.0	71.9	52.9	121.3	6.3	4.7	42.8
MIDDLE ATLANTIC DIVISION	231	99	9.8	52.3	7.8	15.1	34.6	103.1	108.5	209.9	4.8	8.2	83.5
NEW YORK	136	48	3.6	19.6	2.8	5.6	12.9	37.9	37.3	75.3	1.2	3.4	32.3
NEW JERSEY[e]	42	17	1.7	10.2	1.3	2.5	6.1	18.4	27.3	44.9	.7	1.9	11.6
PENNSYLVANIA	53	34	4.5	22.5	3.6	7.0	15.6	46.8	44.0	89.8	3.0	3.7	39.7
NORTH CENTRAL REGION	145	64	8.2	47.3	6.6	12.8	33.2	100.7	102.5	201.5	4.6	9.6	100.2
EAST NORTH CENTRAL DIVISION	113	51	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7.3	83.0
OHIO	25	10	1.4	9.7	1.1	2.2	6.4	25.9	19.1	44.7	1.1	1.6	19.0
INDIANA	19	7	.9	4.9	.7	1.4	3.2	7.8	11.4	19.1	.1	1.1	9.6
ILLINOIS	34	21	2.1	12.6	1.7	3.3	8.7	25.8	26.7	52.2	1.0	2.1	20.6
MICHIGAN	19	6	.8	4.4	.6	1.3	3.3	9.4	10.6	19.7	.8	1.6	25.2
WISCONSIN	16	7	.9	4.8	.7	1.3	3.2	8.9	11.0	20.4	.3	.9	8.7
WEST NORTH CENTRAL DIVISION	32	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.3	17.2
MINNESOTA	9	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.7
MISSOURI	12	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	15.1
KANSAS	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	.9
SOUTH REGION	73	34	4.8	23.8	3.8	7.2	15.0	55.2	57.1	111.1	3.5	4.4	48.4
SOUTH ATLANTIC DIVISION	36	19	2.0	10.6	1.5	3.0	6.8	25.5	23.6	48.4	1.0	[2]1.7	[2]18.5
MARYLAND[e]	5	3	.3	1.4	.3	.5	.9	3.1	2.1	5.2	.1	[2](D)	[2] (D)
GEORGIA	7	6	1.1	6.0	.8	1.5	3.7	12.8	12.6	24.7	.7	[2](D)	[2] (D)
FLORIDA	11	5	.4	2.0	.3	.7	1.5	6.7	4.6	11.3	.1	.2	4.2
EAST SOUTH CENTRAL DIVISION	12	8	1.7	8.1	1.4	2.6	5.3	17.4	22.5	38.9	2.0	1.1	11.4
KENTUCKY	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE[e]	6	4	1.2	5.6	1.0	1.8	3.6	13.1	16.8	29.1	1.5	[2](D)	[2](D)
ALABAMA	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	25	7	1.1	5.1	.8	1.6	3.0	12.3	11.0	23.8	.5	1.6	18.5
TEXAS	19	7	1.1	5.1	.8	1.6	2.9	12.2	10.9	23.6	(D)	.7	9.5
WEST REGION	92	30	2.2	13.5	1.8	3.4	9.3	35.8	36.1	70.3	2.3	1.7	19.7
PACIFIC DIVISION	82	28	2.1	12.8	1.7	3.2	8.8	34.3	34.7	67.4	2.2	1.6	19.0
OREGON	7	3	.3	2.0	.2	.5	1.4	5.6	5.1	10.4	(D)	[2](D)	[2](D)
CALIFORNIA	71	25	1.8	10.7	1.4	2.7	7.3	28.6	29.5	56.8	2.1	1.3	15.7

See footnotes on next page.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

Footnotes for table 2 - 26B

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250 to 499 employees
CC - 500 to 999 employees
EE - 1,000 to 1,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Paper coating and glazing (SIC 2641)	Envelopes (SIC 2642)	Bags, except textile bags (SIC 2643)	Wallpaper (SIC 2644)	Die-cut paper and board (SIC 2645)	Pressed and molded pulp goods (SIC 2646)	Sanitary paper products (SIC 2647)	Converted paper products, n.e.c. (SIC 2649)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.79	.95	.86	[3].95	.86	[3].95	.94	.84
COVERAGE RATIO[2]	.87	.96	.88	.99	.86	[3].95	.96	.79
ESTABLISHMENTS, TOTAL .NUMBER	397	228	557	77	440	58	125	610
WITH 1 TO 19 EMPLOYEES .DO	195	65	247	46	251	13	39	352
WITH 20 TO 99 EMPLOYEES .DO	112	84	180	25	142	27	37	184
WITH 100 EMPLOYEES OR MORE .DO	90	79	130	6	47	18	49	74
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	37.1	22.5	46.3	2.3	18.6	6.7	22.0	31.1
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	260.8	141.9	278.3	14.6	117.3	44.8	154.2	175.5
PRODUCTION WORKERS:								
AVERAGE FOR YEAR 1,000	27.0	18.1	37.1	1.8	14.7	5.4	18.3	24.4
MARCH .DO	27.1	18.0	37.2	1.7	14.7	5.3	17.3	23.3
MAY .DO	26.7	18.1	36.4	1.8	14.6	5.3	18.1	24.8
AUGUST .DO	27.4	18.2	37.1	1.7	14.8	5.5	18.7	25.3
NOVEMBER .DO	27.0	18.3	37.9	1.8	14.8	5.4	18.8	24.2
MAN-HOURS .MILLIONS	56.4	37.6	75.6	3.6	29.4	11.4	37.6	47.2
JANUARY-MARCH .DO	14.7	9.5	18.9	.9	7.3	2.8	9.3	11.4
APRIL-JUNE .DO	14.4	9.5	18.6	.9	7.4	2.8	9.5	12.1
JULY-SEPTEMBER .DO	13.7	9.0	18.5	.9	7.3	2.9	9.3	12.1
OCTOBER-DECEMBER .DO	13.6	9.6	19.6	.9	7.4	3.0	9.6	11.6
WAGES MILLION DOLLARS	165.6	98.0	197.4	9.9	79.9	33.0	119.2	116.2
COST OF MATERIALS, ETC., TOTAL .DO	843.3	219.5	819.4	22.4	329.1	48.7	757.8	366.0
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	789.7	200.1	767.2	19.4	306.0	40.1	728.7	315.7
COST OF RESALES .DO	34.2	11.8	40.5	1.3	17.8	1.3	23.6	43.6
FUELS CONSUMED .DO	6.6	.8	3.2	.3	1.1	3.1	1.7	1.6
PURCHASED ELECTRIC ENERGY .DO	7.6	2.4	5.8	.3	2.3	4.1	2.9	2.8
CONTRACT WORK .DO	5.2	4.4	2.7	1.1	1.9	.1	.9	2.3
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	1 566.5	470.3	1 375.6	48.6	577.5	145.9	1 293.4	732.2
VALUE OF RESALES .DO	48.5	14.2	51.6	1.6	22.9	1.5	30.9	62.9
VALUE ADDED BY MANUFACTURE .DO	728.0	253.1	563.7	27.0	247.3	97.8	540.2	376.1
MANUFACTURERS' INVENTORIES:								
BEGINNING OF YEAR, TOTAL .DO	194.1	57.6	156.9	10.9	57.1	15.2	72.1	119.4
FINISHED PRODUCTS .DO	85.4	19.3	59.3	7.5	17.1	9.1	36.4	53.3
WORK IN PROCESS .DO	27.3	5.7	12.0	.8	12.5	.8	7.1	23.4
MATERIALS, SUPPLIES, FUEL, ETC. .DO	81.4	32.6	85.6	2.6	27.5	5.4	28.6	42.7
END OF YEAR, TOTAL .DO	200.0	58.4	163.6	11.5	56.1	16.2	78.9	128.6
FINISHED PRODUCTS .DO	87.7	21.6	65.4	8.1	17.8	9.4	41.2	61.0
WORK IN PROCESS .DO	29.3	5.7	13.5	.9	10.7	1.0	7.0	25.5
MATERIALS, SUPPLIES, FUEL, ETC. .DO	83.0	31.0	84.8	2.4	27.6	5.7	30.7	42.1
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	65.9	15.0	49.0	.5	9.7	17.7	58.8	23.3
NEW PLANT AND EQUIPMENT, TOTAL .DO	59.1	13.4	45.6	.5	9.0	17.6	58.5	22.2
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	16.3	1.8	9.5	.1	2.0	4.5	20.3	7.1
NEW MACHINERY AND EQUIPMENT .DO	42.6	11.7	36.1	.4	6.9	13.1	38.2	15.1
USED PLANT AND EQUIPMENT .DO	6.8	1.6	3.4	(Z)	.6	.1	.3	.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussions of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

[3]This is a minimum percentage. The exact percentage cannot be shown without disclosing figures for individual companies.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2641-- PAPER COATING AND GLAZING											
ESTABLISHMENTS, TOTAL	397	37.1	260.8	27.0	56.4	165.6	728.0	843.3	1 566.5	59.1	200.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	77	.2	1.0	.1	.3	.7	3.1	3.8	7.0	.1	.7
5 TO 9 EMPLOYEES	47	.3	2.3	.3	.5	1.5	5.9	9.7	15.7	.3	1.2
10 TO 19 EMPLOYEES	71	1.0	6.6	.7	1.5	4.1	15.5	19.5	34.8	1.3	3.5
20 TO 49 EMPLOYEES	62	2.0	13.2	1.5	3.0	8.3	28.7	45.2	73.9	2.6	8.6
50 TO 99 EMPLOYEES	50	3.7	24.7	2.8	5.9	16.0	54.0	94.8	148.0	4.0	17.0
100 TO 249 EMPLOYEES	53	8.4	56.5	6.2	13.0	36.6	122.9	191.0	313.5	10.5	39.3
250 TO 499 EMPLOYEES	23	7.5	54.0	5.6	12.1	34.6	116.4	184.6	297.9	11.0	41.6
500 TO 999 EMPLOYEES	9	6.0	43.8	4.1	9.0	26.7	152.5	123.3	273.5	13.2	67.8
1,000 TO 2,499 EMPLOYEES	4	8.2	58.6	5.7	11.1	36.9	228.9	171.3	402.3	16.0	20.3
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	65	.1	.9	.1	.2	.6	1.9	2.4	4.4	.1	.5
2642-- ENVELOPES											
ESTABLISHMENTS, TOTAL	228	22.5	141.9	18.1	37.6	98.0	253.1	219.5	470.3	13.4	58.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	28	(Z)	.2	(Z)	.1	.2	1.0	.6	1.6	(Z)	.2
5 TO 9 EMPLOYEES[e]	12	.1	.4	.1	.1	.3	.6	.8	1.4	(Z)	.1
10 TO 19 EMPLOYEES	25	.4	2.2	.3	.6	1.4	4.6	6.9	11.4	.2	.9
20 TO 49 EMPLOYEES	30	1.0	5.7	.8	1.6	3.8	11.6	8.8	20.4	.5	1.8
50 TO 99 EMPLOYEES	54	4.0	24.6	3.2	6.6	16.2	43.6	39.0	82.1	2.3	11.0
100 TO 249 EMPLOYEES	58	9.2	59.6	7.4	15.2	41.5	106.0	87.6	193.1	4.9	22.8
250 TO 499 EMPLOYEES	19	7.9	49.3	6.3	13.3	34.6	85.7	75.8	160.3	5.5	21.6
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	31	.1	.3	.1	.1	.2	.7	.6	1.3	(Z)	.1
2643-- BAGS, EXCEPT TEXTILE BAGS											
ESTABLISHMENTS, TOTAL	557	46.3	278.3	37.1	75.6	197.4	563.7	819.4	1 375.6	45.6	163.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	130	.3	1.4	.2	.4	1.0	4.3	6.4	10.6	.2	1.2
5 TO 9 EMPLOYEES[e]	55	.4	2.0	.3	.6	1.4	4.3	6.7	11.0	.2	1.1
10 TO 19 EMPLOYEES	62	.9	5.3	.7	1.4	3.5	13.2	19.7	32.6	1.3	2.7
20 TO 49 EMPLOYEES	105	3.3	19.5	2.6	5.1	13.1	39.1	54.4	92.9	2.9	8.9
50 TO 99 EMPLOYEES	75	5.6	31.5	4.5	9.4	21.7	65.7	104.2	168.5	5.0	19.6
100 TO 249 EMPLOYEES	85	13.7	78.8	11.1	22.8	57.3	158.2	263.5	419.9	13.9	54.0
250 TO 499 EMPLOYEES	31	9.9	59.5	8.1	16.6	42.7	119.5	152.9	270.6	9.1	35.2
500 TO 999 EMPLOYEES	10	6.6	44.0	5.0	10.3	30.1	87.4	124.0	210.2	10.8	28.1
1,000 TO 2,499 EMPLOYEES	4	5.7	36.3	4.5	9.0	26.7	72.0	87.6	159.2	2.2	12.9
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	146	.5	2.5	.5	.7	1.9	6.3	9.5	15.8	.2	1.9
2644-- WALLPAPER											
ESTABLISHMENTS, TOTAL	77	2.3	14.6	1.8	3.6	9.9	27.0	22.4	48.6	.5	11.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	23	(Z)	.3	(Z)	.1	.2	.5	.3	.9	-	.2
5 TO 9 EMPLOYEES[e]	10	.1	.4	.1	.1	.3	1.0	.6	1.7	(Z)	.2
10 TO 19 EMPLOYEES[e]	13	.2	1.0	.2	.3	.8	1.7	1.2	2.9	(Z)	.4
20 TO 49 EMPLOYEES	18	.6	3.6	.5	.9	2.3	7.8	6.6	14.0	.2	2.8
50 TO 99 EMPLOYEES[e]	7	.5	3.2	.4	.8	2.2	4.2	3.4	7.9	.1	2.2
100 TO 249 EMPLOYEES	6	.9	6.0	.7	1.5	4.1	11.8	10.3	21.4	.2	5.8
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	25	.1	.4	.1	.1	.3	1.0	.6	1.5	(Z)	.3
2645-- DIE-CUT PAPER AND BOARD											
ESTABLISHMENTS, TOTAL	440	18.6	117.3	14.7	29.4	79.9	247.3	329.1	577.5	9.0	56.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	107	.2	1.0	.2	.3	.7	2.3	2.3	4.5	.1	.4
5 TO 9 EMPLOYEES	67	.5	2.7	.4	.8	1.8	5.6	6.7	12.3	.4	1.0
10 TO 19 EMPLOYEES	77	1.1	6.5	.9	1.7	4.5	15.0	21.1	36.0	.4	3.1
20 TO 49 EMPLOYEES	97	2.9	16.6	2.3	4.6	11.2	34.0	47.4	81.1	1.3	6.0
50 TO 99 EMPLOYEES	45	3.3	19.3	2.6	5.2	12.9	37.3	39.8	77.1	1.3	7.1
100 TO 249 EMPLOYEES	35	5.6	33.6	4.6	9.0	23.3	74.6	131.4	206.6	2.9	17.5
250 TO 499 EMPLOYEES	10	5.1	37.6	3.8	7.8	25.5	78.6	80.4	159.9	2.4	20.9
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	110	.3	1.5	.3	.5	1.1	3.2	2.9	6.1	.1	.6

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2646-- PRESSED AND MOLDED PULP GOODS											
ESTABLISHMENTS, TOTAL	58	6.7	44.8	5.4	11.4	33.0	97.8	48.7	145.9	17.6	16.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	9	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	-	(Z)
5 TO 9 EMPLOYEES	3	(Z)	.3	(Z)	(Z)	.2	.4	.2	.6	3.1	.1
10 TO 19 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	15	.4	2.3	.3	.7	1.7	5.0	3.9	8.7	.7	1.3
50 TO 99 EMPLOYEES	12	.9	5.4	.7	1.4	4.0	11.5	6.2	17.7	.5	2.6
100 TO 249 EMPLOYEES	8	1.3	8.5	1.1	2.4	7.1	20.1	9.7	29.5	3.4	4.1
250 TO 499 EMPLOYEES	9	4.1	28.3	3.2	6.8	20.1	60.6	28.7	89.2	10.6	8.1
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2647-- SANITARY PAPER PRODUCTS											
ESTABLISHMENTS, TOTAL	125	22.0	154.2	18.3	37.6	119.2	540.2	757.8	1 293.4	58.5	78.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	20	(Z)	.1	(Z)	(Z)	.1	.4	.6	1.0	32.6	.1
5 TO 9 EMPLOYEES[e]	5	(Z)	.2	(Z)	(Z)	.1	.5	.9	1.4	(D)	.1
10 TO 19 EMPLOYEES	14	.2	1.3	.1	.3	.7	2.8	4.2	6.9	(D)	.7
20 TO 49 EMPLOYEES	20	.7	4.1	.6	1.1	2.9	10.6	21.3	31.7	(D)	2.1
50 TO 99 EMPLOYEES	17	1.2	7.5	1.0	2.0	5.0	18.0	45.4	63.2	(D)	5.9
100 TO 249 EMPLOYEES	21	3.3	19.6	2.8	6.0	15.6	67.1	93.1	159.8	(D)	13.3
250 TO 499 EMPLOYEES	15	5.6	37.9	4.8	9.9	31.3	149.3	186.7	333.9	5.1	21.8
500 TO 999 EMPLOYEES	9	6.5	47.7	5.2	10.6	34.7	202.8	221.4	423.3	13.3	21.1
1,000 TO 2,499 EMPLOYEES	4	4.5	35.8	3.8	7.7	28.6	88.8	184.2	272.1	7.6	13.8
ESTABS. COVERED BY ADMIN. RECORDS[1]	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2649-- CONVERTED PAPER PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL	610	31.1	175.5	24.4	47.2	116.2	376.1	366.0	732.2	22.2	128.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	179	.3	1.6	.3	.5	1.0	4.0	3.6	7.5	.2	.9
5 TO 9 EMPLOYEES[e]	83	.6	3.1	.5	.9	2.0	6.6	6.3	12.8	.2	1.5
10 TO 19 EMPLOYEES	90	1.2	7.3	1.0	1.9	4.6	15.7	16.7	32.3	.5	3.5
20 TO 49 EMPLOYEES	116	3.8	20.2	3.1	5.9	13.9	47.1	47.6	96.4	2.4	11.6
50 TO 99 EMPLOYEES	68	4.8	24.9	3.8	7.4	16.6	50.8	54.5	104.5	2.1	16.0
100 TO 249 EMPLOYEES	55	9.4	52.2	7.2	14.0	33.9	100.5	116.2	216.0	5.7	37.5
250 TO 499 EMPLOYEES	13	4.4	26.7	3.3	6.7	17.8	58.0	53.8	110.4	2.1	18.8
500 TO 999 EMPLOYEES	5	6.7	39.5	5.2	10.0	26.2	93.5	67.3	152.1	9.1	38.8
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	203	.6	3.2	.6	1.0	2.2	7.0	5.8	12.8	.2	1.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2641	Paper coating and glazing	1967	1,566.5	1,183.8	318.7	64.0	79	1,354.6	1,183.8	170.8	87
		1963	1,161.6	919.2	203.3	39.1	82	1,170.7	919.2	251.5	78
2642	Envelopes	1967	470.3	425.1	20.2	25.0	95	443.4	425.1	18.3	96
		1963	363.3	318.4	20.4	24.4	94	330.7	318.4	12.3	96
2643	Bags, except textile bags	1967	1,375.6	1,131.2	186.5	57.9	86	1,292.7	1,131.2	161.5	88
		1963	1,061.7	861.3	143.4	57.0	86	976.9	861.3	115.6	88
2644	Wallpaper	1967	48.6	46.1	(D)	(D)	[1]95	46.2	46.1	.1	99
		1963	36.5	33.3	1.0	2.2	97	33.6	33.3	.3	99
2645	Die-cut paper and board	1967	577.5	470.8	75.8	30.9	86	547.6	470.8	76.8	86
		1963	378.3	312.6	43.3	22.4	88	380.1	312.6	67.5	82
2646	Pressed and molded pulp goods	1967	145.9	(D)	(D)	1.9	[1]95	142.7	(D)	(D)	[1]95
		1963	110.1	107.6	1.3	1.2	99	112.0	107.6	4.4	96
2647	Sanitary paper products	1967	1,293.4	1,184.3	77.2	31.9	94	1,234.4	1,184.3	50.1	96
		1963	983.0	902.3	59.8	20.9	93	925.4	902.3	23.0	97
2649	Converted paper products, n.e.c.	1967	732.2	553.6	108.0	70.6	84	703.5	553.6	149.9	79
		1963	591.8	460.9	84.9	45.9	84	589.5	460.9	128.6	78

Note: See Appendix, Explanation of Terms. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This is a minimum percentage. The exact percentage cannot be shown without disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products and miscellaneous receipts	All industries	Paper coating and glazing (SIC 2641)	Envelopes (SIC 2642)	Bags, except textile bags (SIC 2643	Wallpaper (SIC 2644)	Die-cut paper and board (SIC 2645)	Pressed and molded pulp goods (SIC 2646)	Sanitary paper products (SIC 2647	Converted paper products n.e.c. (SIC 2649)	Other industries
	Total value of shipments of the industry	(X)	1,566.5	470.3	1,375.6	48.6	577.5	145.9	1,293.4	732.2	(X)
2641-	Coated and glazed paper	1,354.6	1,183.8	-	40.6	(under 2)	(over 2)	-	13.2	10.5	95.6
26411	Printing paper coated at establishments other than where the paper was produced	125.3	122.5	-	(under 2)	-	-	-	(under 2)	(under 2)	(under 2)
26412	Oiled waxed and wax-laminated paper plain or printed	189.4	163.5	-	5.0	-	(2-5)	-	11.4	(under 2)	3.6
26413	Gummed products	125.6	107.4	-	8.9	-	(under 2)	-	-	7.6	(under 2)
26414	Pressure sensitive tape	438.3	413.2	-	(under 2)	-	-	-	(under 2)	(under 2)	25.0
26415	Laminated or coated wrappers, except waxed	160.4	114.0	-	14.0	-	2.0	-	(under 2)	(under 2)	28.1
26416	Other coated and processed paper, except wrappers	287.9	236.1	-	10.4	(under 2)	2.9	-	(under 2)	(under 2)	37.1
26410	Paper coating and glazing, n.s.k.	27.7	27.0	-	(under 2)	-	-	-	*	(under 2)	(under 2)
2542-	Envelopes	443.4	(under 2)	425.1	(under 2)	-	1.2	-	-	11.2	5.0
2643-	Bags except textile bags	1,292.7	53.5	(over 2)	1,131.2	--	(under 2)	-	27.2	3.4	72.7
26431	Grocers and variety bags (paper), and wardrobe, shopping and other bags	362.8	3.9	-	327.2	-	-	-	(10-20)	(under 2)	14.5
26432	Specialty bags and liners	571.4	49.4	(Over 2)	455.2	-	(under 2)	-	4.8	2.3	55.0
26433	Shipping sacks and multiwall bags	316.4	-	-	306.8	-	-	-	(over 2)	(under 2	3.3
26430	Bags, except textile bags, n.s.k.	42.1	(under 2)	-	41.9	-	-	-	-	(under 2)	(under 2)
2644-	Wallpaper	46.2	0.1	-	-	46.1	-	-	-	-	-
2645-	Die-cut paper and board	547.6	5.2	2.7	(under 2)	-	470.8	-	-	(under 2)	66.3
26451	Office supplies (filing accessories) and miscellaneous products	346.6	-	2.7	-	-	310.5	-	-	.5	32.9
26452	Pasted, lined, laminated, or surface-coated paperboard	167.7	5.2	-	(under 2)	-	127.7	-	-	(under 2)	(20-50)
26450	Die-cut paper and board, n.s.k.	33.3	-	-	-	-	32.6	-	-	(under 2)	(under 2)
2646-	Pressed and molded pulp goods	142.7	-	-	-	-	-	(100-200)	-	-	(under 2)
26461	Bituminous fiber pipe, sewer and drainage, conduit and fittings: molded pulp or papier-mache	22.6	-	-	-	-	-	(20-50)	-	-	(under 2)
26462	Other pressed and molded pulp goods	118.3	-	-	-	-	-	(100-200)	-	-	(under 2)
26460	Pressed and molded pulp goods, n.s.k.	1.8	-	-	-	-	-	1.8	-	-	-
2647-	Sanitary paper products	1,234.4	(under 2)	-	(10-20)	-	-	-	1,184.3	5.9	26.8
26471	Sanitary napkins and tampons	182.1	-	-	-	-	-	-	170.6	-	11.5
26472	Sanitary tissue health products	1,040.6	(under 2)	-	(10-20)	-	-	-	1,002.0	5.9	15.3
26470	Sanitary paper products, n.s.k.	11.7	-	-	-	-	-	-	11.7	-	-
2649-	Converted paper products, n.e.c.	703.5	15.2	10.9	8.4	-	(under 2)	(under 2)	20.1	553.6	93.5
26491	Stationery, tablets, and related products	256.7	-	(over 2)	-	-	(under 2)	-	-	218.2	27.7
26492	Wrapping products (gift wrap, etc.)	109.4	(under 2)	-	6.4	-	(under 2)	-	10.6	55.8	34.6
26495	Other converted paper and board products	283.8	14.1	(under 2)	2.0	-	(under 2)	(under 2)	9,5	226.4	30.9
26490	Converted paper and paperboard products, n.s.k.	53.6	(under 2)	-	-	-	-	-	-	53.3	(under 2)
	Other product shipments by 4-digit product group										
2299-	Textile goods, n.e.c.	(X)	(under 2)	-	(under 2)	-	-	-	(under 2)	3.3	(X)
2393-	Textile bags	(X)	(under 2)	-	21.3	-	-	-	-	-	(X)
2399-	Fabricated textile products, n.e.c.	(X)	-	-	-	-	-	-	(5-10)	(under 2)	(X)
2522-	Metal office furniture	(X)	-	-	-	-	(2-5)	-	-	-	(X)
2651-	Folding paperboard boxes	(X)	-	-	4.5	-	(under 2)	-	-	(under 2)	(X)
2652-	Setup paperboard boxes	(X)	-	-	(under 2)	-	2.5	-	-	(under 2)	(X)
2654-	Sanitary food containers	(X)	-	(under 2)	(5-10)	-	3.7	(under 2)	3.6	(5-10)	(X)
2655-	Fiber cans, drums, and related material	(X)	(2-5)	-	(under 2)	-	(under 2)	-	-	(under 2)	()X
2751-	Commercial printing, except lithographic	(X)	16.4	(under 2)	39.4	-	4.7	-	-	(10-20)	(X)
2761-	Manifold business forms	(X)	-	-	-	-	(20-50)	-	-	-	(X)
2771-	Greeting card publishing	(X)	-	-	-	-	-	-	-	5.2	(X)
2782-	Blankbooks and looseleaf binders	(X)	(under 2)	-	-	-	(under 2)	-	-	16.9	(X)
2821-	Plastics materials and resins	(X)	(2-5)	-	-	-	-	-	-	-	(X)
2891-	Adhesives and gelatin	(X)	(2-5)	-	-	-	-	-	-	-	(X)
3069-	Fabricated rubber products, n.e.c.	(X)	(10-20)	-	-	-	(under 2)	-	-	-	(X)
3079-	Miscellaneous plastics products	(X)	6.3	-	37.7	-	(under 2)	(2-5)	(under 2)	(under 2)	(X)
3291-	Abrasive products	(X)	(20-50)	-	-	-	-	-	-	-	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product code	Class of products and miscellaneous receipts	All industries	Paper coating and glazing (SIC 2641)	Envelopes (SIC 2642)	Bags, except textile bags (SIC 2643)	Wallpaper (SIC 2644)	Die cut paper and board (SIC 2645)	Pressed and molded pulp goods (SIC 2646)	Sanitary paper products (SIC 2647)	Converted paper products, n.e.c. (SIC 2649)	Other industries
	Other product shipments by 4-digit product group--Continued										
3497-	Metal coating and allied services	(X)	28.1	-	(under 2)	-	(under 2)	-	-	12.7	(X)
3573-	Electronic computing equipment	(X)	-	-	-	-	(2-5)	-	-	-	(X)
3579-	Office machines, n.e.c	(X)	(5-10)	-	-	-	-	-	-	-	(X)
3643-	Current carrying wiring devices	(X)	-	-	-	-	-	-	-	-	(X)
3679-	Electronic components, n.e.c	(X)	(20-50)	-	-	-	-	-	-	-	(X)
3842-	Surgical appliances and supplies	(X)	(20-50)	-	-	-	-	-	(2-5)	-	(X)
3861-	Photographic equipment and supplies	(X)	(20-50)	-	(under 2)	-	(over 2)	-	-	-	(X)
3955-	Carbon paper and inked ribbons	(X)	(under 2)	-	-	-	(over 2)	-	-	-	(X)
	Other secondary products	(X)	28.9	.2	4.6	-	6.0	-	.7	7.6	(X)
	Miscellaneous receipts	(X)	64.0	25.0	57.9	(2-5)	30.9	1.9	31.9	70.6	(X)
93000	Contract work	(X)	12.6	4.9	2.4	(under 2)	6.9	-	(under 2)	5.1	(X)
99989	Resales	(X)	48.5	14.2	51.6	1.6	22.9	1.5	30.9	62.9	(X)
99980	Other miscellaneous receipts	(X)	2.9	5.9	3.9	(under 2)	1.1	.4	(under 2)	2.6	(X)

Product code		Class or products and miscellaneous receipts	Other industries
		Listing of the other industries with over $2 million shipments of the primary products:	
2641-	2211	Weaving mills, cotton	(over 2)
2641-	2295	Coated fabrics, not rubberized	5.3
2641-	2299	Textile goods, n.e.c	(over 2)
2641-	2621	Papermills, except building paper	6.1
2641-	2631	Paperboard mills	(over 2)
2641-	2751	Commercial printing, except lithographic	20.8
2641-	3079	Miscellaneous plastics products	3.5
2641-	3291	Abrasive products	(over 2)
2641-	3497	Metal foil and leaf	11.6
2641-	3842	Surgical appliances and supplies	(over 2)
2641-	3955	Carbon paper and inked ribbons	2.0
2641-	3993	Signs and advertising displays	2.5
2643-	2221	Weaving mills, synthetics	(over 2)
2643-	2393	Textile bags	10.8
2643-	2631	Paperboard mills	(5-10)
2643-	2653	Corrugated and solid fiber boxes	(5-10)
2643-	2751	Commercial printing, except lithographic	27.1
2643-	3079	Miscellaneous plastics, products	5.2
2643-	3497	Metal coating and allied services	8.5
2643-	3635	Household vacuum cleaners	(over 2)
2645-	2621	Papermills, except building paper	(2-5)
2645-	2631	Paperboard mills	(21.9
2645-	2654	Sanitary food containers	7.5

Product class code		Class or products and miscellaneous receipts	Other industries
		Listing of the other industries with over $2 million shipments of the primary products--Continued	
2645-	2752	Commercial printing, lithographic	2.7
2645-	2761	Manifold business forms	8.8
2645-	2899	Chemical preparations, n.e.c	(2-5)
2645-	3573	Electronic computing equipment	(over 2)
2645-	3871	Watches and clocks	(over 2)
2647-	2299	Textile goods, n.e.c	(over 2)
2647-	2399	Fabricated textile products, n.e.c	(over 2)
2647-	2621	Papermills, except building paper	(over 2)
2647-	2654	Sanitary food containers	(over 2)
2647-	2834	Pharmaceutical preparations	(over 2)
2647-	2842	Polishes and sanitation goods	3.1
2647-	3842	Surgical appliances and supplies	4.9
2649-	2299	Textile goods, n.e.c	(over 2)
2649-	2499	Wood products, n.e.c	3.4
2649-	2621	Papermills, except building paper	4.5
2649-	2651	Folding paperboard boxes	(2-5)
2649-	2654	Sanitary food containers	4.2
2649-	2751	Commercial printing, except lithographic	2.4
2649-	2771	Greeting card publishing	31.4
2649-	2782	Blankbooks and looseleaf binders	22.4
2649-	2821	Plastics materials and resins	(over 2)
2649-	3861	Photographic equipment and supplies	(over 2)
2649-	3955	Carbon paper and inked ribbons	2.2

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2641- --	COATED AND GLAZED PAPER	(X)	1,354.6	(X)	1,170.7
26411 --	Printing paper coated at establishments other than where the paper was produced	(X)	125.3	(X)	147.9
26411 13	Coated one side[1]	(NA)	72.1	184.8	73.8
26411 53	Coated two sides[1]	126.5	51.3	173.7	74.1
26411 00	Printed paper coated at establishments other than where the paper was produced, n.s.k.	(X)	1.9	(X)	-
26412 --	Oiled, waxed, and wax-laminated paper, plain or printed	(X)	189.4	(NA)	213.3
26412 11	Oiled and similarly treated paper	e92.1	41.3	40.1	19.1
	Waxed and wax-laminated paper:				
26412 21	Printed bread wraps	27.0	18.3	68.0	42.1
26412 31	Household waxed paper	56.1	29.4	95.7	49.3
26412 41	Delicatessen paper	29.7	14.4	18.2	8.8
26412 45	Locker, including freezer paper	e13.9	6.1	16.0	6.3
26412 55	Biscuit and cracker inner wraps	16.7	8.7	14.9	7.4
26412 65	Cereal and similar inner wraps, except biscuit and cracker	10.4	5.1	12.3	5.9
26412 75	Frozen food carton overwraps	31.3	20.3	15.4	14.6
26412 81	Other waxed and wax-laminated paper, including candy wraps, cheese wraps, etc.	81.2	39.0	180.4	59.0
26412 00	Wax and wax-laminated paper, n.s.k.	(X)	6.8	(X)	0.8
26413 --	Gummed products	(X)	125.6	(X)	98.1
26413 12	Gummed sealing tape, paper base and reinforced base, used for sealing and securing	176.8	83.9	133.8	56.3
26413 14	Corrugators' box gummed tape used on manufacturers' joints of corrugated boxes	24.4	16.9	21.1	13.6
26413 31	Gummed flat paper including stock labels unprinted	27.7	18.8	31.6	26.6
26413 00	Gummed products, n.s.k.	(X)	6.0	(X)	1.7
26414 --	Pressure sensitive tape	(X)	438.3	(X)	311.7
	Single-faced tape:				
26414 13	Paper backing (excluding electrical)	(NA)	177.6	62.7	119.4
26414 33	Cloth backing (excluding electrical and surgical adhesive)	(NA)	13.4	(X)	11.9
26414 41	Plastic backing, excluding electrical (including cellophane, anticorrosive, and other transparent material)	(NA)	111.8	(X)	122.7
26414 43	Plastic backing, electrical	(X)	30.9		
26414 47	Other backing, electrical	(X)	23.5		
26414 53	Reinforced and laminated tape (all backings)	(X)	35.5	31.4	34.7
26414 59	Other backings, excluding rubber	(X)	9.7		
26414 61	Double-faced tape	(X)	10.2		
26414 75	Pressure sensitive labels (unprinted)	e13.0	16.7	18.4	21.3
26414 00	Pressure sensitive tape, n.s.k.	(X)	9.0	(X)	1.7
26415 --	Laminated or coated wrappers, except waxed (rolls and sheets)	(X)	160.4	(X)	119.3
26415 11	Paper, waterproof (plain, reinforced, creped, or lined)	154.3	49.2	97.8	39.6
26415 41	Paper, moistureproof and vapor barrier	(NA)	36.5	76.2	30.1
26415 50	Laminated and coated films and papers, excluding polyethylene and foil.	(NA)	72.7	87.5	48.2
26415 00	Laminated or coated wrappers, except waxed, n.s.k.	(NA)	2.0	(X)	1.3
26416 --	Other coated and processed paper, except wrappers	(X)	287.9	(X)	272.9
26416 11	Casein and similarly coated paper	(NA)	21.8	82.3	18.9
26416 21	Special coated paper (mica, pyroxylin, lacquer, metallic other than foil, etc.)	e28.2	37.1	32.9	42.0
26416 41	Processed plain paper (embossed, leatherette, etc.)	80.1	26.1	43.7	13.5
26416 55	Processed coated paper (embossed, leatherette, etc.)	e14.4	9.5	16.0	11.3
	Laminated or coated rolls and sheets, plain or printed, except wax, laminated paper, or foil:				
26416 61	Polyethylene coated paper	105.0	57.3	(NA)	(S)
26416 70	Polyethylene laminated or coated to materials other than foil	e56.6	68.9	(NA)	21.2
26416 98	Other coated and processed paper, including soap impregnated paper	e56.9	58.9	(X)	48.7
26416 00	Processed and coated paper, n.s.k.	(X)	8.3	(X)	4.0
26410 00	Paper coating and glazing, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	23.3		
26410 02	Paper coating and glazing, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	4.4	(X)	7.6

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity	Value (million dollars)	Quantity	Value (million dollars)
		(millions)		(millions)	
2642- --	ENVELOPES	81,418.1	443.4	68,038.7	330.7
26420 21	Envelopes, all types, sizes, and materials, excluding stationery envelopes.	81,418.1	443.4	68,038.7	330.7
		(1,000 short tons)		(1,000 short tons)	
2643- --	BAGS, EXCEPT TEXTILE BAGS	(X)	1,292.7	(X)	976.9
26431 --	Grocers' and variety bags (paper) and wardrobe, shopping, and other bags..	(X)	362.8	(X)	254.1
26431 11	Grocers' and variety bags, paper	1,158.4	326.1	1,220.8	229.1
26431 51	Shopping bags	53.2	22.5	16.7	6.5
26431 98	Other paper bags, n.e.c., (wardrobe, mothproof, etc.)	46.7	14.2	(S)	18.6
26432 --	Specialty bags and liners	(X)	571.4	(X)	416.1
	Paper and paper combinations (except polyethylene):				
26432 10	Kraft or sulfite paper, single or in combination with other paper or films, except polyethylene	213.1	113.3	191.5	90.1
26432 20	Glassine, greaseproof, and parchment, laminated or unlaminated	e55.1	39.1	(NA)	45.1
	Polyethylene combinations, including polyethylene and foil combinations:				
26432 30	Polyethylene combined with other films by lamination or coating	(NA)	26.5	(X)	30.8
26432 40	Polyethylene combined by lamination or by coating to paper, to foil or to foil combinations	(NA)	13.3	(X)	8.2
	Unsupported film:				
26432 50	Cellophane--quantity (in million lbs.) of cellophane shipments and transfers	e27.3	24.5	(NA)	36.6
26432 60	Polyethylene--quantity (in million lbs.) of polyethylene shipments and transfers	(NA)	237.2	(NA)	111.8
26432 70	Other unsupported films (pliofilm, acetate, etc.)	(NA)	34.3	(NA)	29.9
26432 80	Foil and foil combinations and laminations, except polyethylene	(NA)	11.6	(X)	5.5
26432 90	Resale household bags (all materials) (garbage, lunch, sandwich, etc.).	(NA)	38.5	(NA)	41.0
26432 00	Specialty bags and liners, n.s.k.	(X)	33.1	(X)	17.1
26433 --	Shipping sacks and multiwall bags	(X)	316.4	894.6	288.6
26433 11	Single and double wall	264.0	91.0	149.5	50.9
26433 51	Multiwall (three or more plies)	659.9	224.6	745.1	237.2
26433 00	Shipping sacks and multiwall bags, n.s.k.	(X)	0.8	(X)	0.5
26430 00	Bags, except textile bags, n.s.k. (For companies with 10 or more employees. See note.)	(X)	27.7	1.5	18.0
26430 02	Bags, except textile bags, n.s.k. (For companies with less than 10 employees. See note.)	(X)	14.4		
2644- --	WALLPAPER[2]	(X)	46.2	(X)	33.6
26440 --	Wallpaper:				
	Machine printed wallpaper:				
26440 11	Quantity (in 1,000 short tons) of paper and board consumed	35.5	(X)	36.6	(X)
26440 15	Quantity (in million single rolls or equivalent) of shipments and transfers	60.1	32.3	88.5	22.0
	Screen printed wallpaper, including repeat goods, scenics, panels, etc.:				
26440 55	Quantity (in million single rolls equivalent 36 sq. ft.) of shipments and transfers	2.3	8.7	2.8	9.4
26440 00	Wallpaper, n.s.k. (For companies with 10 or more employees. See note.)	(X)	3.7	(X)	2.2
26440 02	Wallpaper, n.s.k. (For companies with less than 10 employees. See note.)	(X)	1.5	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2645- --	DIE-CUT PAPER AND BOARD, TOTAL	(X)	547.6	(X)	380.1
26451 --	Office supplies (filing accessories) and miscellaneous products	(X)	346.6	(X)	297.8
	Filing accessories:				
26451 11	Index cards	25.2	11.8	8.5	5.9
26451 13	File folders	58.8	37.2	45.9	29.6
26451 15	Guide cards	14.5	15.7	10.9	9.9
26451 21	Other die-cut paper and cardboard office supplies, including binders and covers, except looseleaf	42.1	28.0	(NA)	22.1
26451 53	Standard tabulating cards (single cut cards 3-1/4 inches wide and 7-3/8 inches long, unprinted or printed on one side in any one color ink on any color stock)	348.5	109.3	308.0	106.3
26451 55	Single-cut tabulating cards, nonstandard single-cut tabulating cards, other than reporting as standard, excluding continuous	76.6	38.9	54.9	30.2
26451 61	Cards, die-cut and designed (not printed)	(S)	10.0	12.0	7.0
26451 71	Automotive board products (panel, trim, etc.)	109.2	44.9	75.3	36.2
26451 81	Bottle caps, closures and lids	23.0	17.8	40.1	27.7
26451 98	Other, including fillers and flats for egg cases, except molded pulp (excluding labels)	(X)	17.7	(X)	23.2
26451 00	Office supplies (filing accessories) and miscellaneous products, n.s.k.	(X)	15.3	(X)	(X)
26452 11	Pasted, lined, laminated, or surface coated paperboard	690.2	167.7	(S)	(S)
26450 00	Die-cut paper and board, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	27.2	(X)	9.2
26450 02	Die-cut paper and board, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	6.1		

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity of wood pulp and waste paper consumed (1,000 short tons)	Value (million dollars)	Quantity of wood pulp and waste paper consumed (1,000 short tons)	Value (million dollars)
2646- --	PRESSED AND MOLDED PULP GOODS	(X)	142.7	(X)	112.0
26461 --	Bituminous fiber pipe, sewer and drainage, conduit and fittings: molded pulp or papier mâché	(X)	22.6	(X)	23.0
26461 08	Quantity (in millions of running feet) of shipments and transfers	132.2	22.6	114.9	23.0
26462 --	Other pressed and molded pulp goods	(X)	118.3	(X)	89.1
26462 31	Prepackaging trays and boards, for meats, produce, and food trays	(D)	(D)	100.7	26.7
26462 51	Molded pulp plates and dishes	(D)	(D)	36.1	14.6
26462 98	Other molded pulp and papier mâché articles, including egg cartons and excluding statuary and art goods	(X)	(D)	(X)	47.7
26460 00	Pressed and molded pulp goods, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	1.7	(X)	(X)
26460 02	Pressed and molded pulp goods, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	0.1		

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2647- --	SANITARY PAPER PRODUCTS	(X)	1,234.4	(X)	925.4
26471 --	Sanitary napkins and tampons	(X)	182.1	(X)	142.0
26471 11 26471 51	Sanitary napkins and tampons–1,000 gross dozen	4,381.0	182.1	3,543.0	142.0
26471 15 26471 55	Short tons of woodpulp and paper consumed in the manufacture of sanitary napkins and tampons	62.8	(X)	65.1	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
	SANITARY PAPER PRODUCTS--Continued				
26472 --	Sanitary tissue health products	(X)	1,040.6	(X)	783.4
26472 11	Facial tissues and handkerchiefs, including sputum wipes	321.4	156.9	250.2	126.2
	Table napkins, including plain, creped, and facial tissue:				
	Industrial (bulk and dispenser types):				
	Regular type--single ply:				
26472 25	Bulk	55.6	22.4	55.0	21.6
26472 27	Dispenser	e69.9	24.8	36.5	12.5
26472 33	Facial tissue type--2 or more ply	e40.6	19.8	36.0	20.8
	Retail packages (resale):				
26472 35	Regular type--single ply	110.8	49.7	90.8	41.1
26472 37	Facial tissue type--2 or more ply	61.2	38.8	50.5	22.5
	Toilet paper:				
	Rolls and ovals:				
	Industrial:				
26472 41	Facial tissue type--2 or more ply	e55.3	20.8	15.9	5.9
26472 43	Regular type--single ply	96.0	28.0	98.8	27.4
	Retail packages (resale):				
26472 45	Facial tissue type--2 or more ply	394.5	159.0	335.5	125.9
26472 47	Regular type--single ply	501.1	178.2	465.5	150.3
26472 55	Interfolded and flat package	22.1	6.9	16.8	5.2
	Towels (rolled, folded, or interfolded):				
26472 71	Industrial	340.9	91.9	302.3	75.7
26472 75	Retail packages (resale)	487.9	195.8	327.4	113.4
26472 81	Wipers (windshield, industrial, and lithographic plate)	48.1	22.2	29.6	13.4
26472 98	Other sanitary health products, including toilet seat covers, bibs, absorbent pads, headrests, tray covers, etc	(NA)	23.9	23.9	18.8
26472 00	Sanitary tissue health products, n.s.k.	(X)	1.5	(X)	3.0
26470 00	Sanitary paper products, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	10.6	(X)	(X)
26470 02	Sanitary paper products, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	1.1	(X)	(X)
2649- --	CONVERTED PAPER PRODUCTS, N.E.C.	(X)	703.5	(X)	589.6
26491 --	Stationery, tablets, and related products	(X)	256.7	(NA)	202.1
	Stationery:				
26491 11	Boxed stationery and portfolios	25.7	40.0	15.9	27.0
26491 13	Wedding and social announcements (paper, cards, and envelopes)	e3.9	6.8	(S)	4.7
26491 15	Package paper and envelopes	e52.8	30.1	25.5	19.5
26491 19	Other	(NA)	4.7	(S)	10.7
	Tablets and related table-type products:				
26491 51	Correspondence type tablets	e20.8	13.1	20.5	10.0
26491 52	Legal pads (lithographed, printed, ruled, bound or wirebound)	e11.6	5.3	60.8	26.5
26491 54	Tablets and pads--book and writing paper grades (except legal pads and memo books)	63.7	31.1		
26491 56	Memobooks, other than case-made	e9.0	4.2		
26491 55	Newsprint tablets and pads	16.0	6.6	15.9	7.0
26491 57	Notebooks, including composition books, stenobooks, mechanical bound by thread, wire, or plastic	e60.0	33.9	(NA)	28.0
26491 61	Looseleaf fillers (school and commerical types)	e114.8	58.5	115.6	53.2
26491 65	Wrapped ream papers in filler size	e17.4	7.3		
26491 69	Other	e9.0	4.2	11.9	7.7
26491 00	Stationery, tablets, and related products, n.s.k.	(X)	10.9	(X)	7.6

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
	CONVERTED PAPER PRODUCTS, N.E.C.--CONTINUED				
26492 --	Wrapping products (gift wrap, etc.)	(X)	109.4	(X)	88.2
26492 65	Creped wadding for packaging (cellulose) and crepe paper, excluding fine creped paper	e33.8	16.3	24.7	13.3
	Gift wrap paper (including coated paper but excluding laminations to foil):				
	Rolls:				
26492 82	Total shipments	e69.2	53.7	46.8	39.0'
26492 83	Less than 18 lbs. basic weight (tissue grade of paper)	0.8	(X)	0.9	(X)
	Folds:				
26492 91	Total shipments	22.1	21.1	(NA)	16.4
26492 92	Less than 18 lbs. basic weight (tissue grade of paper)	1.3	(X)	(NA)	(X)
	By end use:				
26492 93	Christmas gift wrapping	(X)	[3]28.0	(X)	[3]30.9
26492 94	Everyday gift wrapping (except christmas gift wrapping)	(X)	[3]17.4	(X)	[3]12.8
26492 95	Other gift wrapping: Counter rolls and flat sheets, store own use (except gift wrap foil and paper gift wrap prepared for sale in package form)	6.7	5.6	6.4	2.5
26492 98	Other wrapping products, including paper gift wrap materials shipped to other manufacturers for further processing into complete put-up package (except coated, laminated, oiled, waxed, printed, saturated, and impregnated paper and foil materials)	21.2	10.1	24.5	17.1
26492 00	Wrapping products (gift wrap, etc.), n.s.k.	(X)	2.6	(X)	(X)
26495 --	Other converted paper and board products	(X)	283.8	(X)	270.2
	Business machine supplies:				
26495 11	Rolls for adding and other business machines	e94.4	37.7	(S)	25.3
26495 17	Other, including tapes, teletypes, etc	60.4	34.5	39.0	18.7
26495 31	Other miscellaneous office supplies, including safety paper	(D)	(D)	24.1	12.5
	Novelties, games, displays, and similar products:				
26495 41	Fine creped paper (excluding creped wrapping)	(NA)	17.3	(NA)	8.9
26495 47	Other	(NA)	21.3	(NA)	12.6
	Industrial paper and board products:				
26495 63	Laminated wallboard (in Million sq. ft.)	101.3	18.8	(NA)	(S)
26495 66	Tiled wallboard (in Million sq. ft.)	(NA)	11.1		
26495 69	Other	(NA)	29.8	(S)	24.5
	Miscellaneous paper products:				
26495 71	Doilies, place mats, and tray doilies (or tray covers)	(NA)	20.4	21.4	13.6
26495 81	Patterns	(NA)	([4])	(NA)	38.6
26495 82	Tags, unprinted	(NA)	13.0	(NA)	9.0
26495 87	Folders and mounts, all types, except file folders	e16.9	10.0	(NA)	5.4
26495 98	Other miscellaneous paper and board products, including labels, unprinted, except gummed, cigarette paper, books, paper draperies, shelf paper, printed and unprinted, etc	(NA)	50.1	(NA)	50.2
26495 00	Other converted paper and board products, n.s.k.	(X)	(D)	(X)	5.4
26490 00	Converted paper and paperboard products, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	40.9	(X)	29.1
26490 02	Converted paper and paperboard products, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	12.7	(X)	(X)

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 19 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5-digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5-digits) followed by "00," or in some cases in the appropriate product group code (4-digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. e From 10 to 30 percent of this figure was estimated. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. (Z) Under 50 thousand (or under 50 employees).

[1] Data for 1967 and 1963 not directly comparable because 1963 data include some production of paper coated at point of primary paper production, but on off-machine facility.

[2] Does not include shipments by contractors who laminate combinations of sheets of vinyl, paper or cloth but do not take title to the products.

[3] The value shown for these items is not included in the product class or industry totals; they are memo items indicating distribution of value of shipments by end use for product codes 2649282 and 2649291. However, the value of these items does not equal the previously noted product codes since not all respondents reported their sales by end use.

[4] Patterns are now included in industry 2741, Miscellaneous Publishing.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
PRINTING PAPER COATED AT ESTABLISHMENTS OTHER THAN WHERE THE PAPER WAS PRODUCED (26411)		
United States	125.3	147.9
Northeast Region	41.2	35.0
New England Div.	13.4	(D)
Maine	CC	(1)
Massachusetts	4.5	(D)
Rhode Island	AA	(1)
Middle Atlantic Div.	27.8	(D)
New York	8.3	7.8
New Jersey	BB	(1)
Pennsylvania	EE	(D)
North Central Region	64.7	102.9
East North Central Div.	64.7	(D)
Ohio	CC	(1)
Michigan	FF	41.2
Wisconsin	FF	(1)
South Region	11.7	(D)
East South Central Div.	EE	(D)
Mississippi	EE	(1)
West Region	7.7	(D)
Pacific Div.	7.7	(D)
California	7.5	(D)
OILED, WAXED, WAX-LAMINATED PAPER, PLAIN OR PRINTED (26412)		
United States	189.4	213.3
Northeast Region	35.1	51.2
New England Div.	10.0	10.3
New Hampshire	CC	(1)
Vermont	BB	(1)
Massachusetts	1.9	(1)
Middle Atlantic Div.	25.0	40.8
New York	CC	8.2
New Jersey	14.6	26.8
Pennsylvania	BB	5.8
North Central Region	123.8	116.4
East North Central Div.	GG	106.3
Ohio	32.2	26.4
Indiana	BB	(1)
Illinois	EE	(1)
Michigan	28.4	31.2
Wisconsin	38.2	32.4
West North Central Div.	CC	10.1
Iowa	BB	(1)
Missouri	CC	(1)
South Region	8.8	16.0
South Atlantic Div.	6.4	(D)
Virginia	AA	(D)
Georgia	BB	(1)
Florida	1.7	(1)
West South Central Div.	1.5	(D)
OILED, WAXED, WAX-LAMINATED PAPER, PLAIN OR PRINTED (26412)--Con.		
West Region	21.9	29.7
Pacific Div.	21.3	29.7
Washington	BB	6.0
Oregon	CC	(1)
California	9.8	(1)
GUMMED PRODUCTS (26413)		
United States	125.6	98.2
Northeast Region	60.3	48.2
New England Div.	25.8	21.0
New Hampshire	EE	(1)
Vermont	BB	3.2
Massachusetts	10.6	(1)
Rhode Island	AA	(D)
Middle Atlantic Div.	34.6	27.3
New York	EE	9.4
New Jersey	19.1	13.3
Pennsylvania	BB	4.5
North Central Region	43.5	35.8
East North Central Div.	43.1	(D)
Ohio	17.6	16.7
Illinois	EE	(1)
Wisconsin	EE	9.7
South Region	14.1	7.2
South Atlantic Div.	EE	(D)
Delaware	BB	(1)
Georgia	BB	(1)
Florida	CC	(1)
East South Central Div.	AA	(D)
Tennessee	AA	(D)
West Region	7.6	(D)
Pacific Div.	CC	7.0
Oregon	BB	(1)
California	BB	(1)
PRESSURE SENSITIVE TAPE (26414)		
United States	438.3	311.7
Northeast Region	130.6	103.0
New England Div.	7.7	11.1
Massachusetts	CC	(1)
Middle Atlantic Div.	122.8	91.9
New York	37.2	22.5
New Jersey	35.5	(1)
Pennsylvania	50.2	(1)
North Central Region	281.0	185.7
East North Central Div.	GG	(D)
Ohio	FF	22.9
Indiana	CC	(1)
Illinois	84.2	36.0
Michigan	CC	(1)
Wisconsin	AA	(1)
West North Central Div.	GG	(D)
Minnesota	GG	(1)
PRESSURE SENSITIVE TAPE (26414)--Con.		
South Region	19.7	10.0
South Atlantic Div.	CC	(D)
North Carolina	BB	(1)
South Carolina	BB	(D)
East South Central Div.	EE	(D)
Kentucky	CC	(1)
West South Central Div.	AA	(D)
Louisiana	AA	(D)
West Region	7.1	(D)
Pacific Div.	7.1	12.8
California	7.1	12.8
LAMINATED OR COATED WRAPPERS, EXCEPT WAXED (ROLLS AND SHEETS)(26415)		
United States	158.3	119.3
Northeast Region	40.8	37.0
New England Div.	18.7	16.5
Massachusetts	EE	15.2
Rhode Island	BB	(D)
Middle Atlantic Div.	22.2	20.5
New York	BB	2.3
New Jersey	EE	17.4
Pennsylvania	4.5	.8
North Central Region	67.6	49.8
East North Central Div.	67.6	(D)
Ohio	EE	14.6
Indiana	BB	(D)
Illinois	12.6	11.5
Michigan	EE	(1)
Wisconsin	24.2	(1)
South Region	38.3	23.6
South Atlantic Div.	23.1	(D)
North Carolina	CC	(1)
Georgia	EE	3.2
East South Central Div.	CC	(D)
Tennessee	CC	(D)
West South Central Div.	CC	3.8
Louisiana	BB	(D)
Texas	BB	(1)
West Region	11.5	8.9
Pacific Div.	11.5	8.8
Washington	AA	(1)
Oregon	BB	(1)
California	8.5	(1)
OTHER COATED AND PROCESSED PAPER, EXCEPT WRAPPERS (26416)		
United States	287.9	272.9
Northeast Region	140.2	97.9
New England Div.	78.5	53.2
New Hampshire	EE	(1)
Vermont	AA	(1)
Massachusetts	60.9	41.0
Rhode Island	3.6	(1)
Connecticut	2.1	2.5

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
OTHER COATED AND PROCESSED PAPER, EXCEPT WRAPPERS (26416)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	61.7	44.7
New York	13.8	12.4
New Jersey	28.8	21.0
Pennsylvania	19.2	11.2
North Central Region	93.1	66.2
East North Central Div.	80.3	64.4
Ohio	CC	12.9
Illinois	EE	(1)
Michigan	EE	20.2
Wisconsin	38.5	23.8
West North Central Div.	12.8	1.8
Iowa	CC	(D)
Missouri	CC	(1)
South Region	30.1	95.5
South Atlantic Div.	20.9	(D)
Virginia	CC	(D)
South Carolina	BB	(D)
Georgia	12.4	(1)
West South Central Div.	8.3	(D)
Arkansas	AA	(1)
Louisiana	CC	(1)
West Region	24.4	13.3
Pacific Div.	24.4	(D)
Oregon	BB	(D)
California	EE	(1)
GROCERS, WARDROBE, SHOPPING, OTHER PAPER BAGS (26431)		
United States	362.8	254.1
Northeast Region	45.0	40.5
New England Div.	BB	(D)
Massachusetts	BB	(1)
Middle Atlantic Div.	FF	(D)
New York	23.6	24.0
New Jersey	EE	(1)
Pennsylvania	BB	(1)
North Central Region	22.5	19.1
East North Central Div.	EE	(D)
Ohio	CC	(1)
Indiana	5.8	(1)
Illinois	AA	1.9
Wisconsin	BB	(1)
West North Central Div.	BB	(D)
Nebraska	BB	(D)
South Region	244.7	155.0
South Atlantic Div.	102.1	64.6
Virginia	24.1	13.9
South Carolina	CC	(1)
Georgia	FF	(1)
Florida	FF	(1)
East South Central Div.	76.6	43.8
Kentucky	FF	(1)
Tennessee	CC	(1)
Alabama	GG	(1)
West South Central Div.	65.9	46.7
Arkansas	EE	(1)
Louisiana	43.7	35.2
Texas	EE	(1)
GROCERS, WARDROBE, SHOPPING, OTHER PAPER BAGS (26431)--Con.		
West Region	50.6	39.6
Pacific Div.	50.6	(D)
Washington	FF	16.9
Oregon	4.5	(1)
California	FF	18.4
SPECIALTY BAGS AND LINERS (26432)		
United States	571.4	416.1
Northeast Region	214.1	160.1
New England Div.	30.7	15.4
Massachusetts	FF	12.3
Rhode Island	3.5	1.6
Connecticut	BB	(1)
Middle Atlantic Div.	183.3	144.7
New York	93.9	85.6
New Jersey	31.6	21.1
Pennsylvania	57.8	37.9
North Central Region	181.6	132.5
East North Central Div.	133.8	108.6
Ohio	26.8	27.5
Indiana	12.3	10.7
Illinois	66.0	43.3
Michigan	14.6	10.8
Wisconsin	14.0	16.2
West North Central Div.	47.9	23.9
Minnesota	BB	(1)
Iowa	18.3	(1)
Missouri	23.6	8.4
Kansas	AA	(D)
South Region	112.9	80.8
South Atlantic Div.	71.7	50.3
Maryland	4.8	6.4
Virginia	2.6	(1)
North Carolina	7.0	4.6
South Carolina	EE	(1)
Georgia	28.4	17.8
Florida	EE	8.4
East South Central Div.	12.9	11.9
Kentucky	BB	(1)
Tennessee	CC	(1)
West South Central Div.	28.4	18.7
Arkansas	AA	(1)
Louisiana	BB	3.9
Texas	22.6	12.1
West Region	60.1	42.7
Mountain Div.	1.1	(D)
Colorado	1.1	(D)
Pacific Div.	59.0	(D)
Washington	4.8	3.6
Oregon	CC	(1)
California	FF	32.9
SHIPPING SACKS AND MULTIWALL BAGS (26433)		
United States	316.4	288.6
Northeast Region	25.9	28.6
New England Div.	11.8	11.0
Maine	BB	(1)
Massachusetts	CC	(1)
Connecticut	AA	(D)
SHIPPING SACKS AND MULTIWALL BAGS (26433)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	14.1	17.6
New York	BB	(1)
New Jersey	AA	(1)
Pennsylvania	9.6	10.3
North Central Region	74.1	65.2
East North Central Div.	37.2	33.7
Ohio	EE	18.5
Indiana	5.0	(1)
Illinois	EE	(1)
West North Central Div.	37.0	31.5
Minnesota	6.4	4.6
Iowa	CC	(1)
Missouri	16.7	19.6
Nebraska	BB	(1)
Kansas	AA	(D)
South Region	178.4	155.2
South Atlantic Div.	90.2	85.8
Virginia	10.9	11.3
West Virginia	CC	(1)
South Carolina	11.4	10.8
Georgia	30.6	33.3
Florida	FF	(1)
East South Central Div.	25.4	20.4
Kentucky	AA	(D)
Tennessee	12.0	9.1
Alabama	CC	(1)
Mississippi	BB	(1)
West South Central Div.	62.8	49.0
Arkansas	29.1	(1)
Louisiana	26.8	24.2
Texas	6.9	(1)
West Region	38.0	39.6
Mountain Div.	BB	(D)
Utah	BB	(1)
Pacific Div.	FF	(D)
Washington	13.6	(1)
California	21.9	25.7
OFFICE SUPPLIES (FILING ACCESSORIES), ETC. (26451)		
United States	346.6	297.8
Northeast Region	118.7	105.9
New England Div.	16.2	12.7
New Hampshire	AA	(D)
Massachusetts	12.8	10.8
Connecticut	AA	(D)
Middle Atlantic Div.	102.5	93.2
New York	59.2	58.4
New Jersey	28.0	25.0
Pennsylvania	15.3	9.8
North Central Region	138.1	121.8
East North Central Div.	113.1	104.4
Ohio	EE	15.2
Indiana	EE	(1)
Illinois	27.4	19.9
Michigan	43.9	36.9
Wisconsin	6.8	(1)
West North Central Div.	25.1	17.4
Minnesota	16.0	6.7
Iowa	1.8	(1)
Missouri	4.3	6.7
Nebraska	AA	(1)
Kansas	AA	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
OFFICE SUPPLIES (FILING ACCESSORIES), ETC. (26451)--Con.		
South Region	59.5	41.3
South Atlantic Div.	44.0	27.9
Maryland	4.8	4.4
District of Columbia	EE	(1)
Virginia	CC	3.7
North Carolina	CC	(1)
Georgia	11.8	2.2
Florida	AA	1.4
East South Central Div.	1.8	1.5
Tennessee	1.1	(D)
West South Central Div.	13.8	11.8
Texas	12.5	10.2
West Region	30.3	28.9
Mountain Div.	BB	(D)
Colorado	AA	(D)
Utah	AA	(D)
Pacific Div.	FF	(D)
Washington	BB	2.0
California	24.2	25.7
PASTED, LINED, LAMINATED, COATED PAPERBOARD (26452)		
United States	167.7	73.1
Northeast Region	31.3	27.5
New England Div.	10.0	6.3
New Hampshire	AA	(1)
Massachusetts	7.4	2.7
Rhode Island	AA	(1)
Middle Atlantic Div.	21.3	21.2
New York	10.5	8.9
New Jersey	7.5	6.6
Pennsylvania	3.3	5.9
North Central Region	32.1	26.2
East North Central Region.	31.5	(D)
Ohio	4.6	(1)
Illinois	15.4	6.9
Michigan	10.4	8.8
South Region	97.7	(D)
South Atlantic Div.	18.9	12.8
Virginia	CC	(1)
North Carolina	BB	3.1
Georgia	AA	(D)
Florida	6.5	(1)
West South Central Div.	GG	2.0
Arkansas	GG	(1)
Louisiana	2.6	(D)
Texas	CC	(1)
West Region	6.6	(D)
Pacific Div.	6.6	4.6
California	5.9	(1)
BITUMINOUS FIBER PIPE, SEWER AND DRAINAGE, CONDUIT, FITTINGS--MOLDED PULP OR PAPIER-MACHE (26461)		
United States	22.6	23.0
Northeast Region	9.8	(D)
Middle Atlantic Div.	CC	(D)
New York	CC	(1)
New Jersey	BB	(D)
BITUMINOUS FIBER PIPE, CONDUIT, FITTINGS--MOLDED PULP (26461)--Con.		
North Central Region	6.3	(D)
East North Central Div.	5.9	5.3
Ohio	BB	(1)
Wisconsin	BB	(1)
South Region	2.8	(D)
East South Central Div.	AA	(D)
Alabama	AA	(1)
West South Central Div.	AA	(D)
Texas	AA	(1)
West Region	3.8	(D)
Pacific Div.	BB	(D)
Oregon	AA	(1)
California	BB	(1)
OTHER PRESSED AND MOLDED PULP GOODS (26462)		
United States	118.3	89.1
Northeast Region	53.5	42.1
New England Div.	FF	(D)
Maine	FF	(1)
New Hampshire	AA	(D)
Massachusetts	EE	(1)
Middle Atlantic Div.	EE	(D)
New York	EE	(1)
Pennsylvania	2.9	13.3
North Central Region	FF	25.9
East North Central Div.	FF	(D)
Ohio	BB	(1)
Indiana	EE	(1)
Illinois	CC	(1)
Wisconsin	2.5	2.0
South Region	BB	(D)
East South Central Div.	BB	(D)
Mississippi	BB	(D)
West Region	33.7	(D)
Pacific Div.	33.7	(D)
California	32.5	19.4
SANITARY NAPKINS AND TAMPONS (26471)		
United States	182.1	142.0
Northeast Region	87.5	66.1
New England Div.	FF	(D)
New Hampshire	CC	(D)
Vermont	EE	(1)
Massachusetts	EE	(1)
Middle Atlantic Div.	GG	(D)
New York	FF	(1)
New Jersey	FF	(1)
Pennsylvania	BB	(1)
North Central Region	41.7	(D)
East North Central Div.	FF	(D)
Illinois	EE	(1)
Wisconsin	21.1	(1)
West North Central Div.	AA	(D)
Missouri	AA	(D)
SANITARY NAPKINS AND TAMPONS (26471)--Con.		
South Region	33.2	(D)
South Atlantic Div.	CC	(D)
North Carolina	CC	(D)
East South Central Div.	FF	(D)
Tennessee	FF	(1)
West South Central Div.	AA	(D)
Texas	AA	(D)
West Region	19.7	(D)
Pacific Div.	19.7	(D)
Washington	AA	(1)
California	EE	(1)
SANITARY TISSUE HEALTH PRODUCTS (26472)		
United States	1,040.6	783.4
Northeast Region	350.3	339.8
New England Div.	119.6	104.7
Maine	FF	(1)
New Hampshire	EE	15.6
Vermont	EE	(1)
Massachusetts	20.2	16.1
Connecticut	FF	(1)
Middle Atlantic Div.	230.7	235.1
New York	104.6	105.5
New Jersey	EE	(1)
Pennsylvania	GG	(1)
North Central Region	342.4	240.3
East North Central Div.	GG	(D)
Indiana	BB	3.6
Illinois	4.1	(1)
Michigan	FF	(1)
Wisconsin	304.7	212.1
West North Central Div.	BB	(D)
Missouri	AA	(D)
Kansas	AA	(D)
South Region	181.9	76.7
South Atlantic Div.	EE	(D)
North Carolina	BB	(D)
Florida	EE	(1)
East South Central Div.	152.2	(D)
Tennessee	FF	(1)
Alabama	GG	(1)
West South Central Div.	EE	(D)
Arkansas	CC	(D)
West Region	166.0	126.6
Mountain Div.	CC	(D)
Idaho	CC	(D)
Pacific Div.	GG	(D)
Washington	GG	(D)
Oregon	EE	(D)
California	63.3	(D)
STATIONERY, TABLETS, AND RELATED PRODUCTS (26491)		
United States	256.7	202.1
Northeast Region	113.7	81.2
New England Div.	42.6	30.5
New Hampshire	AA	(D)
Vermont	AA	(D)
Massachusetts	40.5	28.5

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
STATIONERY, TABLETS, AND RELATED PRODUCTS (26491)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	71.2	56.7
New York	28.9	14.3
New Jersey	14.8	13.8
Pennsylvania	27.5	22.5
North Central Region	66.4	61.6
East North Central Div.	48.4	44.2
Ohio	4.1	3.6
Indiana	8.7	7.3
Illinois	19.8	17.6
Michigan	12.3	9.0
Wisconsin	3.5	6.8
West North Central Div.	18.0	17.5
Missouri	15.9	(1)
South Region	52.4	41.5
South Atlantic Div.	27.1	21.7
Maryland	BB	(1)
Virginia	AA	(1)
North Carolina	AA	(D)
Georgia	17.8	14.6
Florida	BB	(1)
East South Central Div.	13.1	12.0
Tennessee	CC	(1)
Alabama	BB	(1)
West South Central Div.	12.3	7.8
Texas	12.3	(1)
West Region	24.2	17.7
Mountain Div.	BB	(1)
Colorado	AA	(1)
Pacific Div.	FF	(D)
Oregon	CC	(1)
California	16.1	8.8
WRAPPING PRODUCTS (GIFT WRAP, ETC.) (26492)		
United States	109.4	88.2
Northeast Region	33.4	27.8
New England Div.	15.3	14.5
Vermont	BB	(1)
Massachusetts	EE	(1)
Middle Atlantic Div.	18.1	13.2
New York	CC	5.4
Pennsylvania	EE	(1)
North Central Region	36.5	39.4
East North Central Div.	24.4	(D)
Ohio	9.4	(1)
Illinois	CC	8.9
Wisconsin	CC	19.3
West North Central Div.	12.1	(D)
Minnesota	AA	(D)
Missouri	EE	(1)
South Region	30.6	14.7
South Atlantic Div.	BB	(D)
North Carolina	AA	(D)
East South Central Div.	19.2	(D)
Kentucky	AA	(D)
Tennessee	EE	(1)
West South Central Div.	CC	(D)
Arkansas	AA	(1)
Louisiana	AA	(1)
Texas	BB	(1)
West Region	8.9	6.4
Pacific Div.	8.9	(D)
Washington	BB	(D)
California	CC	4.6
OTHER CONVERTED PAPER AND BOARD PRODUCTS (26495)		
United States	283.8	270.1
Northeast Region	154.7	112.9
New England Div.	64.1	33.2
New Hampshire	BB	2.2
Massachusetts	58.1	29.9
Connecticut	BB	(D)
Middle Atlantic Div.	90.6	79.7
New York	37.3	33.0
New Jersey	25.7	15.7
Pennsylvania	27.7	31.0
North Central Region	79.9	109.7
East North Central Div.	73.1	99.6
Ohio	34.8	32.5
Indiana	8.8	12.5
Illinois	13.9	18.9
Michigan	4.8	26.1
Wisconsin	10.8	9.6
West North Central Div.	6.8	10.2
Iowa	BB	(D)
Missouri	BB	8.9
South Region	24.3	27.2
South Atlantic Div.	12.6	(D)
Virginia	AA	(D)
North Carolina	1.5	4.6
Georgia	BB	1.3
Florida	5.4	(1)
East South Central Div.	BB	(D)
Kentucky	BB	(1)
West South Central Div.	CC	(D)
Texas	6.2	(D)
West Region	24.9	20.3
Pacific Div.	24.7	20.2
Washington	AA	(D)
Oregon	BB	(1)
California	19.5	18.3

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2641	Coated and glazed paper.....million dollars..	1,354.6	1,454.4	1,321.3	1,201.5	1,170.7	812.2	663.3	(NA)
26411	Printing paper coated at establishments other than where the paper was produced.....do....	125.3	184.5	175.0	156.7	147.9	96.0	82.5	89.4
26412	Oiled, waxed, and wax-laminated paper, plain or printed.....do....	189.4	185.2	203.5	203.2	213.3	240.3	208.8	141.9
26413	Gummed products.....do....	125.6	125.3	113.1	104.1	98.2	78.4	66.4	65.9
26414	Pressure sensitive tape.....do....	438.3	464.8	375.9	323.0	311.7	183.4	148.9	(D)
26415	Laminated or coated wrappers, except waxed (rolls and sheets).....do....	160.4	155.3	149.0	125.0	119.3	77.0	53.7	43.0
26416	Other coated and processed paper, except wrappers.....do....	287.9	331.8	298.0	285.0	272.9	134.8	103.0	(D)
26410	Coated and glazed paper,n.s.k.....do....	27.7	(7.6)	(6.8)	(4.6)	7.6	2.3	(X)	(X)
26420	Envelopes, all types and materials (excluding stationery envelopes).....do....	443.4	416.5	368.9	331.8	330.7	246.9	197.3	120.7
2643-	Bags, except textile bags.....do....	1,292.7	1,231.5	1,113.8	1,013.3	976.9	857.2	635.1	356.5
26431	Grocers' and variety bags (paper) and wardrobe, shopping, and other paper bags:								
	Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	(S)	980.3	861.9	544.7
	Value.....million dollars..	362.8	347.0	310.5	274.8	254.1	240.0	173.3	111.3
26432	Specialty bags and liners.....do....	571.4	556.2	508.9	444.6	416.1	304.5	206.3	92.1
26433	Shipping sacks and multiwall bags:								
	Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	(NA)	927.6	848.6	591.5
	Value.....million dollars..	316.4	320.4	290.8	278.4	288.6	312.7	255.0	153.2
26430	Bags, except textile bags, n.s.k.....do....	42.1	(7.8)	(3.6)	(15.4)	18.1	(X)	0.5	(X)
26440	Wallpaper.....do....	46.2	(44.8)	40.3	36.5	33.6	35.6	39.6	57.8
2645-	Die-cut paper and board.....do....	547.6	498.1	475.0	403.4	380.1	264.9	215.6	107.2
26451	Office supplies (filing accessories) and miscellaneous products.....do....	346.6	354.6	336.3	315.2	297.8	207.9	169.5	90.3
26452	Pasted, lined, laminated or surface-coated paperboard:								
	Quantity.....short tons..	690.7	(NA)	(NA)	(NA)	327.3	(X)	187.2	98.5
	Value.....million dollars..	167.7	127.0	120.7	80.8	73.1	57.0	46.0	17.0
26450	Die-cut paper and board, n.s.k.....do....	33.3	(16.6)	(18.0)	7.4	9.2	(X)	(X)	(X)
2646-	Pressed and molded pulp goods.....do....	142.7	146.1	140.0	117.5	112.0	80.4	45.2	17.8
26461	Bituminous fiber pipe, sewer and drainage, conduit, and fittings: Molded pulp or papier mache.....do....	22.6	23.9	22.9	23.7	23.0	29.5	17.9	6.5
26462	Other pressed and molded pulp goods.....do....	118.3	122.1	117.1	93.8	89.1	50.9	27.3	11.3
26460	Pressed and molded pulp goods, n.s.k.....do....	1.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2647-	Sanitary paper products[2].....do....	1,234.4	1,113.8	1,067.9	965.0	925.4	689.3	503.5	269.0
26471	Sanitary napkins and tampons.....do....	182.1	161.9	154.2	149.6	142.0	116.1	76.1	48.9
26472	Sanitary tissue health products:								
	Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	2,134.9	(X)	1,298.8	788.4
	Value.....million dollars..	1,040.6	951.9	913.8	815.4	783.4	573.2	427.4	220.0
26470	Sanitary paper products, n.s.k.....do....	11.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2649-	Converted paper products, n.e.c.:[2]								
	Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	1,320.5	1,076.0	806.4	(NA)
	Value.....million dollars..	703.5	784.0	705.7	638.6	589.5	481.8	348.5	(NA)
26491	Stationery, tablets, and related products:								
	Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	(NA)	262.5	194.7	161.3
	Value.....million dollars..	256.7	253.4	225.8	218.2	202.1	151.2	106.5	64.7
26492	Wrapping products (gift wrap, etc.)								
	Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	(NA)	130.7	99.5	42.6
	Value.....million dollars..	109.4	122.8	112.2	98.2	88.2	87.2	53.1	19.0
26495	Other converted paper and board products:								
	Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	(NA)	652.4	512.3	(NA)
	Value.....million dollars..	283.8	358.3	322.6	296.8	270.1	226.8	188.9	(NA)
26490	Converted paper products, n.e.c., n.s.k.....do....	53.6	(49.4)	(45.0)	(25.5)	29.1	16.7	(X)	(X)

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussions of items.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data.

[2]There was a change in industry classification in the 1963 Census of Manufactures for industry 2649, Converted Paper Products, N.E.C. Product classes 26493 and 26494 were classified in industry 2647, Sanitary Paper Products, and became product classes 26471 and 26472. For a fuller explanation of the change in industry definitions, see the text.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2641.--PAPER COATING AND GLAZING					
	Materials, parts, and supplies, total	.....	(X)	789.7	(X)	677.4
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills	1,000 short tons.	469.8	123.9	544.0	142.0
262106	Purchased (market) paper	...do.....	638.4	181.2	548.5	148.1
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills	...do.....	96.6	18.9	54.0	8.0
263103	Purchased (market) paperboard	...do.....	e106.8	19.6	371.1	73.9
289111	Glues and adhesives	Million lbs.....	e256.9	42.0	178.1	21.5
282130	Thermoplastic resins including modified resins (including resin content of vinyls and dry basis for cellulosics, polyethylenes, polypropylenes, styrenes, etc. Including granules, pellets, powder, liquid, etc., but exclude sheets, rods tubes, and other shapes)	...do.....	173.7	42.4	142.3	26.5
289301	Printing ink (complete formulations)	...do.....	25.6	14.6	18.9	10.4
291106	Petroleum wax	...do.....	143.5	12.4	171.4	15.3
282103	Cellulosic plastics, sheet and rolls, and cellophane	...do.....	e23.8	16.3	26.2	13.5
307916	Unsupported plastics film, sheets and sheeting, except cellulosic	...do.....	e110.0	43.9	(NA)	21.9
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	189.3	(X)	202.0
972000	Materials not specified[1]	.....	(X)	85.2	(X)	-
	INDUSTRY 2642.--ENVELOPES					
	Materials, parts, and supplies, total	.....	(X)	200.1	(X)	154.8
	Paper:					
262105	Own paper produced at this location or at affiliated or associated mills	1,000 short tons.	61.4	16.3	35.5	9.3
262106	Purchased (market) paper	...do.....	496.3	130.8	[1]420.0	[1]104.4
	Paperboard:					
263103	Purchased (market) paperboard	...do.....	[2]19.8	[2]3.2	(X)	(X)
289111	Glues and adhesives	Million lbs.....	37.9	8.2	29.9	5.8
307911	Unsupported plastic film and sheeting excluding packaging material	...do.....	6.8	3.5	9.9	5.7
972000	Materials not specified[1]	.....	(X)	8.7	(X)	(X)
970099	All other materials and component parts, containers, and supplies	.....	(X)	29.3	(X)	29.6
	INDUSTRY 2643.--BAGS, EXCEPT TEXTILE BAGS					
	Materials, parts, and supplies, total	.....	(X)	767.2	(X)	635.8
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills	1,000 short tons.	1,540.7	199.7	1,235.8	181.1
262106	Purchased (market) paper	...do.....	1,189.9	203.9	1,210.3	211.9
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills	...do.....	13.4	1.4	14.7	1.6
263103	Purchased (market) paperboard	...do.....	44.0	6.8	11.5	1.7
289111	Glues and adhesives	Million lbs.....	e110.0	12.6	95.6	11.1
282130	Thermoplastic resins including modified resins (including resin content of vinyls and dry basis for cellulosics, polyethylenes, polypropylenes, styrenes, etc. Includes granules, pellets, powder, liquid, etc., but excludes sheets, rods, tubes, and other shapes)	...do.....	299.0	48.2	186.1	34.6
289301	Printing ink (complete formulations)	...do.....	36.5	23.4	25.7	16.9
282103	Cellulosic plastics, sheet and rolls, and cellophane	...do.....	e66.2	35.9	51.3	25.8
307916	Unsupported plastics film, sheets and sheeting, except cellulosic:	...do.....	249.6	70.7	195.4	38.3
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	100.9	(X)	112.4
972000	Materials not specified[1]	.....	(X)	63.7	(X)	-

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2644.—WALLPAPER					
	Materials, parts, and supplies, total		(X)	19.4	(X)	13.7
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills	1,000 short tons.	18.0	5.3	7.0	2.1
262106	Purchased (market) paper	...do			30.5	6.1
263103	Paperboard; purchased (market) paperboard		(D)	(D)	(D)	(D)
970099	All other materials and components, parts, containers, and supplies consumed		(X)	[3]6.9	(X)	[3]5.5
972000	Materials not specified[1]		(X)	7.2	(X)	(X)
	INDUSTRY 2645.--DIE-CUT PAPER AND BOARD					
	Materials, parts, and supplies, total		(X)	306.0	(X)	187.0
	Paper:					
262105	Own paper produced at this location or at affiliated or associated mills	1,000 short tons.	41.0	9.9	37.7	7.0
262106	Purchased (market) paper	...do	348.0	77.6	288.1	66.9
	Paperboard:					
263102	Own paperboard, produced at this location or at affiliated or associated mills	...do	404.1	60.9	(S)	(S)
263103	Purchased (market) paperboard	...do	378.8	70.9	311.0	61.1
289111	Glues and adhesives	Million lbs.	13.3	2.6	(NA)	(NA)
307911	Unsupported plastic film and sheeting, excluding packaging material	...do	5.5	2.4	(NA)	(NA)
261101	Woodpulp (used in making pressed and molded pulp products)	1,000 short tons.	5.7	1.2	3.9	0.7
970099	All other materials and components, parts, containers, and supplies consumed		(X)	48.9	(X)	43.7
972000	Materials not specified[1]		(X)	31.6	(X)	(X)
	INDUSTRY 2646.--PRESSED AND MOLDED PULP GOODS					
	Materials, parts, and supplies, total		(X)	40.1	(X)	34.0
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills	1,000 short tons.	-	-	-	-
262106	Purchased (market) paper	...do	(NA)	(NA)	0.7	(S)
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills	...do	(NA)	(NA)	4.6	0.5
263103	Purchased (market) paperboard	...do	(NA)	(NA)	7.0	1.3
261101	Woodpulp (used in making pressed and molded pulp products)	...do	194.5	12.6	137.5	8.7
970099	All other materials and components, parts, containers, and supplies consumed		(X)	22.8	(X)	23.2
972000	Materials not specified[1]		(X)	4.7	(X)	(X)
	INDUSTRY 2647.--SANITARY PAPER PRODUCTS					
	Materials, parts, and supplies, total		(X)	728.7	(X)	600.0
	Paper:					
262105	Own paper, produced at this location or at other affilated or associated mills	1,000 s. tons.	2,423.2	476.8	2,168.1	424.0
262106	Purchased (market) paper	...do	211.9	53.5	120.6	29.6
263103	Purchased (market) paperboard	...do	27.3	5.9	49.4	9.9
282103	Cellulosic plastics, sheet and rolls, and cellophane	...do	5.7	3.7	(NA)	(NA)
307916	Unsupported plastics film, sheets and sheeting, except cellulosic	...do	6.5	3.2	5.1	3.1
972000	Materials not specified[1]		(X)	29.4	(X)	(X)
970099	All other materials,and components, parts, containers, and supplies consumed		(X)	156.2	(X)	133.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2649.--CONVERTED PAPER PRODUCTS, N.E.C.					
	Materials and supplies, total	.....	(X)	315.7	(X)	253.3
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills	1000 short tons.	89.5	16.6	34.1	9.9
262106	Purchased (market) paper	...do.....	602.4	148.6	486.8	117.1
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills	...do.....	68.7	7.3	60.8	7.6
263103	Purchased (market) paperboard	...do.....	113.5	18.9	78.1	13.2
289111	Glues and adhesives	Million lbs.....	25.2	4.7	13.1	2.4
289301	Printing ink (complete formulations)	...do.....	7.7	5.3	6.7	4.5
282103	Cellulosic plastics, sheet, and rolls, and cellophane	...do.....	6.7	2.4	5.2	2.0
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	94.9	(X)	96.7
972000	Materials not specified[1]	.....	(X)	17.0	(X)	(X)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

[2]Includes an insignificant amount of "Own paperboard" in order to avoid disclosing figures for individual companies.

[3]Contains an insignificant amount of "purchased (market) paperboard" combined here to avoid disclosing figures of individual companies.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Paper-coating and glazing (SIC 2641)
	Cost of purchased fuels and electric energy, total....	Million dollars.	14.2
	Cost of purchased fuels, total.....	....do.....	6.6
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity.....	1,000 short tons	71.6
	Cost.....	Million dollars.	0.7
	Fuel oil, total:		
	Quantity.....	1,000 barrels...	524.2
	Cost.....	Million dollars.	1.7
291141	Distillate:		
	Quantity.....	1,000 barrels...	299.5
	Cost.....	Million dollars.	1.1
291151	Residual:		
	Quantity.....	1,000 barrels...	224.7
	Cost.....	Million dollars.	0.6
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
	Quantity.....	Million cu. ft..	3,948.4
	Cost.....	Million dollars.	2.4
960011 960013	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.7
975000 976000	Fuels, n.s.k.....	...do.....	1.1
	Purchased electric energy:		
960012	Quantity.....	Million kw.-hrs.	689.9
	Cost.....	Million dollars.	7.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	4.1
	Total energy used for heat and power[1].....	Million kw.-hrs. equivalent	4,265.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.
(D) Withheld to avoid disclosing figures for individual companies.

[1] Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization--the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization--the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2641	PAPER COATING AND GLAZING										
	ENTIRE INDUSTRY	397	37.1	260.8	27.0	56.4	165.6	728.0	843.3	1 566.5	59.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	331	23.1	162.3	17.0	36.4	102.8	401.1	538.5	933.3	33.5
26411	PRINTING PAPER COATED AT ESTABS. NOT MAKING PAPER										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	32	3.0	22.6	2.4	5.2	15.8	55.8	84.0	139.5	5.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	27	2.5	18.2	2.0	4.3	13.3	42.5	67.1	109.6	4.4
26412	OILED, WAXED, WAX-LAMINATED PAPER, PLAIN/PRINTED										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	41	5.9	41.9	4.5	9.6	29.0	82.5	161.0	242.1	7.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	22	1.9	12.6	1.5	3.4	9.4	27.5	53.5	81.0	2.4
26413	GUMMED PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	29	2.6	18.6	1.9	4.1	11.1	37.3	65.5	102.9	2.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	22	1.8	13.4	1.3	2.9	7.7	25.8	47.0	72.5	1.3
26414	PRESSURE SENSITIVE TAPE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	61	12.9	87.6	9.0	17.6	52.9	363.8	253.2	616.7	20.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	50	5.8	40.7	3.9	8.1	22.1	145.2	113.9	256.5	7.2
26415	LAMINATED OR COATED WRAPPERS, EXCEPT WAXED										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	36	3.8	25.9	2.8	6.3	16.5	49.5	88.4	137.4	5.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	13	.8	4.8	.7	1.6	3.2	10.2	13.4	23.5	.2
26416	OTHER COATED AND PROCESSED PAPER, EXC. WRAPPERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	62	7.4	55.2	5.4	11.5	34.3	121.6	172.7	292.0	17.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	39	3.2	23.6	2.3	4.9	14.5	57.4	82.0	138.0	9.0
2642	ENVELOPES										
	ENTIRE INDUSTRY	228	22.5	141.9	18.1	37.6	98.0	253.1	219.5	470.3	13.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	218	20.9	132.5	16.8	34.8	91.1	234.5	200.9	433.2	(D)
2643	BAGS, EXCEPT TEXTILE BAGS										
	ENTIRE INDUSTRY	557	46.3	278.3	37.1	75.6	197.4	563.7	819.4	1 375.6	45.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	484	34.5	203.8	28.4	57.0	149.2	403.1	631.9	1 030.4	27.2
26431	GROCERS', WARDROBE, SHOPPING, OTHER PAPER BAGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	48	13.2	80.4	11.1	22.3	62.2	157.4	283.8	440.2	9.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	34	7.9	48.2	6.8	13.6	38.1	87.9	179.7	266.6	6.7
26432	SPECIALTY BAGS AND LINERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	214	19.9	124.8	14.8	30.6	79.0	262.7	309.5	566.6	26.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	162	10.2	62.4	8.0	16.3	41.9	137.7	170.6	304.6	10.0
26433	SHIPPING SACKS AND MULTIWALL BAGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	69	11.2	62.8	9.5	19.3	48.6	122.1	197.0	318.6	7.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	56	9.1	51.0	7.7	15.5	39.8	100.0	153.0	252.7	6.5
2644	WALLPAPER										
	ENTIRE INDUSTRY	75	2.3	14.2	1.8	3.5	9.7	24.4	20.3	44.1	.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	75	2.3	14.2	1.8	3.5	9.7	24.4	20.3	44.1	.5
2645	DIE-CUT PAPER AND BOARD										
	ENTIRE INDUSTRY	440	18.6	117.3	14.7	29.4	79.9	247.3	329.1	577.5	9.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	397	13.4	80.2	10.8	21.4	54.7	169.2	255.8	426.5	6.4
26451	OFFICE SUPPLIES (FILING ACCESSORIES), ETC.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	185	13.8	88.4	10.8	21.7	60.0	181.0	210.0	392.0	7.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	157	9.3	54.8	7.4	14.8	37.1	108.3	137.1	247.3	4.7
26452	PASTED, LINED, LAMINATED, COATED PAPERBOARD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	50	2.6	16.8	2.1	4.1	11.5	43.2	99.5	142.9	1.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	42	1.6	10.5	1.3	2.6	7.0	29.7	82.4	111.9	.6
2646	PRESSED AND MOLDED PULP GOODS										
	ENTIRE INDUSTRY	58	6.7	44.8	5.4	11.4	33.0	97.8	48.7	145.9	17.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	57	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26461	BITUM. FIBER PIPE, CONDUIT, FITTINGS--MOLDED PULP										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	10	1.1	7.9	.8	1.8	5.6	14.4	9.4	23.9	.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	10	1.1	7.9	.8	1.8	5.6	14.4	9.4	23.9	.5
26462	OTHER PRESSED AND MOLDED PULP GOODS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	34	5.5	36.2	4.4	9.4	26.9	82.1	38.2	119.6	14.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2647	SANITARY PAPER PRODUCTS										
	ENTIRE INDUSTRY	125	22.0	154.2	18.3	37.6	119.2	540.2	757.8	1 293.4	58.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	110	19.3	137.2	15.9	32.8	104.8	513.3	679.9	1 188.8	30.3
26471	SANITARY NAPKINS AND TAMPONS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	10	3.5	24.1	2.5	5.0	14.6	85.4	52.5	137.7	3.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26472	SANITARY TISSUE HEALTH PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	87	18.3	128.6	15.6	32.3	103.5	452.1	700.3	1 148.1	29.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	71	13.2	92.7	11.1	23.0	73.3	342.1	523.3	863.5	24.7

See footnote at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2649	CONVERTED PAPER PRODUCTS, NEC										
	ENTIRE INDUSTRY	610	31.1	175.5	24.4	47.2	116.2	376.1	366.0	732.2	22.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	540	20.0	112.2	15.8	30.5	73.8	235.5	239.4	473.0	11.5
26491	STATIONERY, TABLETS, AND RELATED PRODUCTS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	112	12.1	67.7	9.4	18.5	46.4	140.5	154.6	289.6	8.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	86	8.8	49.6	6.7	13.3	32.9	101.8	108.9	207.9	6.3
26492	WRAPPING PRODUCTS (GIFT WRAP, ETC.) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	24	3.8	18.3	3.1	5.9	12.1	40.9	38.3	78.6	3.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	8	.5	3.7	.3	.7	2.0	4.6	6.4	13.2	.6
26495	OTHER CONVERTED PAPER AND BOARD PRODUCTS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	143	11.2	69.9	8.5	16.2	43.4	154.7	137.7	289.0	7.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	117	5.9	35.6	4.6	9.0	23.1	80.9	76.7	156.5	2.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

PAPERBOARD CONTAINERS AND BOXES

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2651--Folding Paperboard Boxes
2652--Setup Paperboard Boxes
2653--Corrugated and Solid Fiber Boxes
2654--Sanitary Food Containers
2655--Fiber Cans, Tubes, Drums, and Similar Products

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2651--FOLDING PAPERBOARD BOXES

This industry comprises establishments primarily engaged in manufacturing folding paperboard boxes from purchased paperboard. For a detailed list of products of industry 2651, refer to table 6A product codes 2651014 to 2651098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Folding Paperboard Boxes Industry in 1967 totaled $1,216.2 million. This included shipments of folding paperboard boxes (primary products), valued at $1,005.7 million, shipments of other products (secondary products) valued at $190.4 million, and miscellaneous receipts (mainly resales) of $20.1 million.

This industry's shipments of folding paperboard boxes (primary products) in 1967 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 85 percent. Secondary products shipped by this industry in 1967 consisted mainly of sanitary food containers ($89.0 million), and corrugated and solid fiber boxes ($46.0 million).

Industry 2651 shipments of folding paperboard boxes (primary products) in 1967 represented 90 percent (coverage ratio) of these products valued at $1,116.2 million shipped by all industries. In 1963, the coverage ratio was 88 percent. Other industries shipping folding paperboard boxes (primary products) consisted mainly of industry 2654, Sanitary Food Containers, $50.6 million; industry 2653, Corrugated and Solid Fiber Boxes, $22.9 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2651, these small establishments accounted for approximately 0.4 percent of payroll and 0.5 percent of value added by manufacture.

2652--SETUP PAPERBOARD BOXES

This industry comprises establishments primarily engaged in manufacturing setup paperboard boxes from purchased paperboard. For a detailed list of products of industry 2652, refer to table 6A, product codes 2652021 to 2652098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Setup Paperboard Boxes Industry in 1967 totaled $282.4 million. This included shipments of setup paperboard boxes (primary products), valued at $254.4 million, shipments of other products (secondary products) valued at $21.4 million, and miscellaneous receipts (mainly resales) of $6.6 million.

This industry's shipments of setup paperboard boxes (primary products) in 1967 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 91 percent. Secondary products shipped by this industry in 1967 consisted mainly of folding paperboard boxes ($7.7 million), and sanitary food containers ($3.6 million).

Industry 2652 shipments of setup paperboard boxes (primary products) in 1967 represented 87 percent (coverage ratio) of these products valued at $291.8 million shipped by all industries. In 1963, the coverage ratio was 87 percent. Other industries shipping setup paperboard boxes (primary products) consisted mainly of industry 2651, Folding Paperboard Boxes, $21.5 million; industry 2653, Corrugated and Solid Fiber Boxes, $4.5 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2652, these small establishments accounted for approximately 1.2 percent of payroll and 1.8 percent of value added by manufacture.

2653--CORRUGATED AND SOLID FIBER BOXES

This industry comprises establishments primarily engaged in manufacturing corrugated and solid fiber boxes and related products from purchased paperboard of fiber stock. Important products of this industry include corrugated and solid fiberboard boxes, pads, partitions, display items, pallets, single face products, and corrugated sheets. For a detailed list of products of industry 2653, refer to table 6A, product codes 2653012 to 2653068.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Corrugated and Solid Fiber Boxes Industry in 1967 totaled $2,959.6 million. This included shipments of corrugated and solid fiber boxes (primary products), valued at $2,838.7 million, shipments of other products (secondary products) valued at $59.9 million, and miscellaneous receipts (mainly resales) of $61.0 million.

This industry's shipments of corrugated and solid fiber boxes (primary products) in 1967 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 97 percent. Secondary products shipped by this industry in 1967 consisted mainly of folding paperboard boxes ($22.9 million), and sanitary food containers ($8.3 million).

Industry 2653 shipments of corrugated and solid fiber boxes (primary products) in 1967 represented 98 percent (coverage ratio) of these products valued at $2,893.2 million shipped by all industries. In 1963, the coverage ratio was 96 percent. Other industries shipping corrugated and solid fiber boxes (primary products) consisted mainly of industry 2651, Folding Paperboard Boxes, $46.0 million; industry 2652, Setup Paperboard Boxes, $2.1 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2653, these small establishments accounted for approximately 0.2 percent of payroll and 0.2 percent of value added by manufacture.

2654--SANITARY FOOD CONTAINERS

This industry comprises establishments primarily engaged in manufacturing food containers from special food board. Important products of this industry include fluid milk containers; folding paraffined cartons for butter, margarine, and shortening; ice cream containers; frozen food containers; liquid tight containers; round nested food containers; paper cups for hot or cold drinks; and pails for food and ice cream. For a detailed list of products of industry 2654, refer to table 6A product codes 2654113 to 2654373.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Sanitary Food Containers Industry in 1967 totaled $1,093.9 million. This included shipments of sanitary food containers (primary products), valued at $954.5 million, shipments of other products (secondary products) valued at $79.8 million, and miscellaneous receipts (mainly resales) of $59.6 million.

This industry's shipments of sanitary food containers (primary products) in 1967 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 92 percent. Secondary products shipped by this industry in 1967 consisted mainly of folding paperboard boxes ($50.6 million), and die-cut paper and board ($7.5 million).

Industry 2654 shipments of sanitary food containers (primary products) in 1967 represented 86 percent (coverage ratio) of these products valued at $1,105.8 million shipped by all industries. In 1963, the coverage ratio was 92 percent. Other industries shipping sanitary food containers (primary products) consisted mainly of industry 2651, Folding Paperboard Boxes, $89.0 million; industry 2771, Greeting Card Publishing, over $2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2654, these small establishments accounted for approximately 0.2 percent of payroll and 0.2 percent of value added by manufacture.

2655--FIBER CANS, TUBES, DRUMS, AND SIMILAR PRODUCTS

This industry comprises establishments primarily engaged in manufacturing fiber cans, cones, drums, and similar products with or without metal ends, from purchased materials; and vulcanized fiber boxes. For a detailed list of products of industry 2655, refer to table 6A, product codes 2655151 to 2655298.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Fiber Cans, Drums, and Related Materials Industry in 1967 totaled $385.2 million. This included shipments of fiber cans, drums, and related materials (primary products), valued at $362.2 million, shipments of other products (secondary products) valued at $15.8 million, and miscellaneous receipts (mainly resales) of $7.2 million.

This industry's shipments of fiber cans, drums, and related materials (primary products) in 1967 represented 96 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 95 percent. Secondary products shipped by this industry in 1967 consisted mainly of metal barrels, drums, and pails, and miscellaneous plastic products.

Industry 2655 shipments of fiber cans, drums, and related materials (primary products) in 1967 represented 85 percent (coverage ratio) of these products valued at $425.4 million shipped by all industries. In 1963, the coverage ratio was 80 percent. Other industries shipping fiber cans, drums and related materials (primary products) consisted mainly of industry 3411, Metal Cans, and industry 3079, Miscellaneous Plastics Products.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages.. For industry 2655, these small establishments accounted for approximately 1.0 percent of payroll and 1.0 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2651.--FOLDING PAPERBOARD BOXES														
1967 Census....	569	393	49.3	322.6	39.5	82.1	228.8	563.2	657.2	1,216.2	42.2	172.7	84	90
1966 ASM[1].....	(NA)	(NA)	54.3	336.7	43.8	91.3	239.7	585.3	711.1	1,289.5	38.0	182.9	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	51.6	310.8	41.6	87.0	224.1	535.3	657.5	1,189.2	31.8	169.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	49.8	291.1	40.3	84.0	210.0	492.1	605.2	1,089.7	*44.8	157.0	(NA)	(NA)
1963 Census[3]...	636	418	51.3	288.8	41.5	85.5	206.7	476.9	605.7	1,081.1	36.0	152.8	85	88
1962 ASM[1].....	(NA)	(NA)	45.4	245.9	36.8	75.2	177.1	424.3	531.5	944.5	33.0	132.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	45.7	237.5	37.0	75.8	171.3	411.8	519.7	924.5	21.6	124.4	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	46.4	234.9	37.5	77.1	169.9	396.4	523.5	916.1	23.6	118.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	46.3	229.3	37.4	79.1	165.4	395.9	520.8	908.1	25.4	114.2	(NA)	(NA)
1958 Census[2]...	514	341	46.4	222.0	37.4	77.5	159.4	391.0	501.2	887.2	34.1	107.6	85	90
INDUSTRY 2652.--SETUP PAPERBOARD BOXES														
1967 Census....	454	295	21.1	100.4	18.3	35.4	73.3	160.2	122.7	282.4	6.1	31.2	92	87
1966 ASM[1].....	(NA)	(NA)	20.9	94.4	18.1	34.6	69.6	131.6	124.4	256.6	7.0	29.7	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	21.4	88.6	18.7	34.7	65.6	156.0	114.4	270.7	5.7	26.3	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	20.1	86.0	17.3	35.4	64.0	134.9	100.6	236.7	*4.7	24.8	(NA)	(NA)
1963 Census....	503	317	20.5	82.2	17.7	34.5	61.5	131.7	95.5	225.8	5.0	26.8	91	87
1962 ASM[1].....	(NA)	(NA)	20.4	81.4	17.4	34.8	61.1	128.9	98.1	226.0	*4.7	24.5	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	20.5	79.4	17.1	34.5	58.5	127.7	95.6	222.4	*3.8	24.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	22.2	83.4	18.6	37.7	60.7	128.0	95.6	224.2	(S)	22.6	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	22.0	81.1	18.6	37.1	59.9	127.9	95.8	223.5	(S)	25.5	(NA)	(NA)
1958 Census[2]...	527	347	23.5	80.9	19.9	38.3	59.4	124.9	95.1	219.2	5.9	24.2	92	87
INDUSTRY 2653.--CORRUGATED AND SOLID FIBER BOXES														
1967 Census....	1,071	803	97.1	656.0	73.0	152.5	435.0	1,130.0	1,830.4	2,959.6	127.7	258.0	98	98
1966 ASM[1].....	(NA)	(NA)	96.1	635.3	73.3	156.9	428.4	1,091.2	1,805.5	2,891.2	117.2	262.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	90.5	578.3	67.6	147.3	388.8	933.1	1,626.1	2,558.6	93.6	234.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	86.4	534.0	64.7	140.1	355.3	831.3	1,515.7	2,345.5	71.6	217.8	(NA)	(NA)
1963 Census....	923	651	83.2	485.6	62.8	132.3	323.8	804.0	1,367.7	2,166.1	54.1	210.4	97	96
1962 ASM[1].....	(NA)	(NA)	83.3	473.9	63.7	134.8	320.3	805.9	1,370.6	2,179.0	65.2	191.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	79.7	439.8	60.6	127.2	294.3	708.7	1,255.0	1,970.7	50.8	177.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	79.9	418.0	60.9	125.6	280.8	686.1	1,250.5	1,937.1	*54.8	174.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	77.8	407.5	59.6	126.1	276.4	678.2	1,228.8	1,904.8	*59.5	171.6	(NA)	(NA)
1958 Census[2]...	805	514	70.8	345.1	53.5	110.5	234.0	596.9	1,042.1	1,635.6	52.0	159.2	97	95
INDUSTRY 2654.--SANITARY FOOD CONTAINERS														
1967 Census....	244	184	35.3	213.8	28.5	60.2	157.8	506.1	595.3	1,093.9	48.1	170.3	92	86
1966 ASM[1].....	(NA)	(NA)	31.8	193.0	25.1	53.3	138.5	426.2	548.2	964.1	36.5	161.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	31.8	185.2	24.9	52.6	129.5	399.2	516.2	911.4	34.7	146.3	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	32.3	189.1	25.3	53.7	133.4	405.2	510.1	916.1	31.4	140.4	(NA)	(NA)
1963 Census....	186	144	32.9	182.7	25.9	53.4	129.2	402.2	513.0	905.9	37.9	143.2	92	92
1962 ASM[1].....	(NA)	(NA)	32.4	176.4	25.8	54.2	126.8	388.8	482.4	872.5	*50.9	130.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	32.0	165.3	25.5	53.5	119.5	374.1	441.0	810.3	29.7	128.5	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	31.0	155.7	24.6	51.8	112.8	365.1	406.6	770.0	22.6	117.5	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	30.3	150.2	24.2	51.4	110.1	346.4	402.9	746.2	*60.0	115.1	(NA)	(NA)
1958 Census[2]...	136	125	29.5	139.1	23.4	49.8	103.5	309.2	374.4	680.1	35.8	109.4	92	93
INDUSTRY 2655.--FIBER CANS, DRUMS, AND RELATED MATERIALS														
1967 Census....	268	160	15.7	93.7	13.3	27.9	72.9	181.1	203.0	385.2	13.3	36.8	96	85
1966 ASM[1].....	(NA)	(NA)	15.6	91.4	13.5	27.9	71.8	168.2	186.3	353.0	50.3	39.4	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	14.6	81.5	12.6	25.3	63.0	153.2	164.3	315.3	12.8	35.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	13.3	71.3	11.1	22.9	55.1	134.4	144.4	278.5	7.9	25.6	(NA)	(NA)
1963 Census....	246	137	13.2	67.5	11.2	22.8	50.3	126.2	134.2	260.3	7.7	25.4	95	80
1962 ASM[1].....	(NA)	(NA)	12.2	59.9	10.2	22.1	44.4	104.5	109.9	213.0	6.9	23.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	11.7	55.5	9.7	19.7	41.5	94.5	97.0	189.6	7.0	21.6	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	11.3	51.9	9.5	19.1	39.1	84.9	88.9	173.6	4.4	16.1	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	11.3	51.2	9.4	19.5	39.0	85.6	91.1	177.4	4.9	16.9	(NA)	(NA)
1958 Census[2]...	198	112	11.0	47.9	9.2	18.4	36.5	79.5	86.0	165.6	8.3	17.4	98	83

Note: In 1967, 1963, and 1958, the number of companies in industry 2651 was 476, 534, and 454, respectively; in industry 2652: 418, 474, and 505; industry 2653: 568, 534, and 547; industry 2654: 144, 98, and 65; industry 2665: 165, 166, and 153.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. *These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

[3]The 1963 data are not directly comparable with other years due to an undetermined number of establishments reporting sanitary containers as folding boxes. This caused such establishments to be classified incorrectly to the Folding Box Industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2651.--FOLDING PAPERBOARD BOXES								
1967 Census	6,541	80	2,076	2.79	.54	.81	11,420	57	6.86
1966 ASM	6,201	81	2,085	2.63	.55	.81	10,781	58	6.41
1965 ASM	6,021	81	2,092	2.57	.55	.81	10,371	58	6.15
1964 ASM	5,851	81	2,085	2.50	.56	.82	9,890	59	5.86
1963 Census	5,631	81	2,064	2.42	.56	.83	9,297	61	5.57
1962 ASM	5,415	81	2,040	2.36	.56	.82	9,345	58	5.65
1961 ASM	5,192	81	2,046	2.26	.56	.82	9,003	58	5.44
1960 ASM	5,061	81	2,054	2.20	.57	.83	8,541	59	5.14
1959 ASM	4,954	81	2,115	2.09	.57	.83	8,552	58	5.01
1958 Census	4,785	81	2,072	2.06	.56	.82	8,429	57	5.05
	INDUSTRY 2652.--SETUP PAPERBOARD BOXES								
1967 Census	4,767	87	1,941	2.07	.43	.79	7,605	63	4.52
1966 ASM	4,506	87	1,910	2.01	.48	.85	6,285	72	3.80
1965 ASM	4,147	87	1,858	1.89	.48	.86	5,716	73	3.52
1964 ASM	4,289	86	2,051	1.81	.43	.79	6,723	64	3.81
1963 Census	4,019	86	1,955	1.78	.42	.79	6,437	62	3.81
1962 ASM	3,997	85	2,006	1.75	.43	.79	6,330	63	3.70
1961 ASM	3,879	84	2,017	1.70	.43	.79	6,239	62	3.70
1960 ASM	3,756	84	2,031	1.61	.43	.80	5,762	65	3.39
1959 ASM	3,694	84	2,000	1.61	.43	.79	5,822	63	3.45
1958 Census	3,439	85	1,921	1.55	.43	.80	5,307	65	3.26
	INDUSTRY 2653.--CORRUGATED AND SOLID FIBER BOXES								
1967 Census	6,754	75	2,089	2.85	.62	.84	11,635	58	7.41
1966 ASM	6,613	76	2,140	2.85	.62	.84	11,359	58	6.95
1965 ASM	6,387	75	2,177	2.64	.64	.86	10,305	62	6.34
1964 ASM	6,182	75	2,165	2.54	.65	.87	9,624	64	5.94
1963 Census	5,834	75	2,107	2.45	.63	.86	9,660	60	6.08
1962 ASM	5,691	76	2,116	2.38	.63	.85	9,678	59	5.98
1961 ASM	5,516	76	2,100	2.31	.64	.86	8,889	62	5.57
1960 ASM	5,232	76	2,061	2.24	.65	.86	8,587	61	5.46
1959 ASM	5,240	77	2,116	2.19	.65	.86	8,721	60	5.38
1958 Census	4,875	76	2,065	2.12	.64	.85	8,432	58	5.40
	INDUSTRY 2654.--SANITARY FOOD CONTAINERS								
1967 Census	6,049	81	2,113	2.62	.54	.74	14,318	42	8.40
1966 ASM	6,067	79	2,124	2.60	.57	.77	13,392	45	7.99
1965 ASM	5,825	78	2,110	2.46	.57	.77	12,558	46	7.60
1964 ASM	5,853	78	2,119	2.48	.56	.76	12,541	47	7.55
1963 Census	5,558	79	2,061	2.42	.57	.77	12,233	45	7.53
1962 ASM	5,438	80	2,098	2.34	.55	.76	11,987	45	7.18
1961 ASM	5,175	80	2,098	2.23	.54	.75	11,708	44	6.99
1960 ASM	5,020	79	2,102	2.18	.53	.73	11,774	43	7.05
1959 ASM	4,955	80	2,122	2.14	.54	.74	11,429	43	6.74
1958 Census	4,717	79	2,125	2.08	.55	.76	10,485	45	6.21
	INDUSTRY 2655.--FIBER CANS, DRUMS, AND RELATED MATERIALS								
1967 Census	5,963	85	2,094	2.61	.53	.77	11,526	52	6.49
1966 ASM	5,843	86	2,071	2.57	.53	.79	10,750	54	6.03
1965 ASM	5,586	86	2,009	2.49	.52	.78	10,503	53	6.07
1964 ASM	5,369	83	2,072	2.41	.52	.77	10,120	53	5.86
1963 Census	5,117	85	2,033	2.20	.52	.78	9,569	53	5.53
1962 ASM	4,906	84	2,169	2.01	.52	.80	8,560	57	4.73
1961 ASM	4,742	83	2,035	2.10	.51	.80	8,080	59	4.79
1960 ASM	4,595	84	2,009	2.05	.51	.81	7,518	61	4.45
1959 ASM	4,548	84	2,063	2.01	.51	.80	7,599	60	4.40
1958 Census	4,362	84	1,989	1.99	.52	.81	7,251	60	4.32

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2651-- FOLDING PAPERBOARD BOXES													
UNITED STATES	569	393	49.3	322.6	39.5	82.1	228.8	563.2	657.2	1 216.2	42.2	51.3	476.9
NORTHEAST REGION	262	174	19.1	121.4	15.6	32.2	86.7	217.1	209.4	424.9	14.2	20.2	188.5
NEW ENGLAND DIVISION	58	42	4.7	30.2	3.8	8.0	20.8	54.1	51.1	105.2	3.8	6.2	54.7
MASSACHUSETTS	29	20	2.3	14.1	1.9	4.0	10.0	24.5	27.4	51.9	2.6	3.3	29.2
RHODE ISLAND	5	5	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
CONNECTICUT	22	16	2.1	14.9	1.6	3.5	10.0	28.0	22.4	50.3	1.1	2.3	22.3
MIDDLE ATLANTIC DIVISION	204	132	14.4	91.3	11.9	24.2	65.9	163.0	158.2	319.7	10.4	14.0	133.8
NEW YORK	87	55	5.9	39.8	4.8	9.8	28.7	69.3	67.6	136.5	4.7	6.2	58.0
NEW JERSEY	49	30	3.7	24.0	3.0	6.2	16.6	39.7	34.8	74.7	2.5	3.4	34.4
PENNSYLVANIA	68	47	4.8	27.5	4.0	8.2	20.6	54.0	55.8	108.5	3.2	4.4	41.4
NORTH CENTRAL REGION	166	119	17.6	121.6	13.9	29.1	86.8	199.9	262.2	461.1	16.0	18.0	171.3
EAST NORTH CENTRAL DIVISION	136	97	14.6	99.9	11.5	24.1	71.7	166.6	210.5	375.4	11.1	14.8	141.8
OHIO	38	25	5.0	33.7	4.2	8.8	25.9	60.2	75.1	134.0	4.9	5.0	47.3
INDIANA	15	11	2.0	12.3	1.5	3.0	8.4	20.2	21.7	42.6	1.5	[2] (D)	[2] (D)
ILLINOIS	56	40	5.0	35.8	3.8	8.0	24.9	58.2	74.9	132.3	2.2	5.2	49.3
MICHIGAN	15	11	1.7	12.1	1.3	2.9	8.7	18.5	29.2	47.5	1.8	1.7	16.9
WISCONSIN	12	10	0.9	5.8	.7	1.4	3.8	9.5	9.6	19.0	.7	[2] (D)	[2] (D)
WEST NORTH CENTRAL DIVISION	30	22	3.1	21.7	2.4	5.0	15.2	33.3	51.7	85.7	4.9	3.1	29.4
IOWA	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
MISSOURI	13	11	1.0	6.3	.8	1.6	4.3	11.4	11.9	23.5	.9	[2] (D)	[2] (D)
SOUTH REGION	86	68	9.0	52.5	7.1	14.7	35.4	92.2	127.3	218.6	7.8	9.0	74.0
SOUTH ATLANTIC DIVISION	46	37	6.1	36.5	4.8	9.7	24.3	59.7	84.5	143.9	4.8	6.3	50.7
DELAWARE	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND	9	8	1.9	11.7	1.5	2.9	7.9	16.1	19.1	35.5	(D)	2.1	16.8
VIRGINIA	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	5.0
NORTH CAROLINA	16	14	.9	4.6	.8	1.6	3.3	8.7	10.7	19.3	.6	[2] (D)	[2] (D)
GEORGIA	7	5	1.7	11.5	1.2	2.4	6.5	20.2	29.8	49.8	2.5	2.2	16.4
FLORIDA	6	4	.4	2.0	.3	.7	1.4	4.1	3.7	7.7	.4	.5	4.6
EAST SOUTH CENTRAL DIVISION	17	12	1.1	6.6	.9	2.0	4.7	12.9	15.8	28.6	2.1	.9	6.2
KENTUCKY	5	4	.4	2.2	.3	.6	1.7	4.0	6.1	10.1	1.6	[2] (D)	[2] (D)
TENNESSEE	8	5	.6	3.4	.5	1.0	2.4	6.9	6.8	13.7	.4	.5	3.9
MISSISSIPPI	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	23	19	1.8	9.4	1.4	3.0	6.5	19.6	27.0	46.1	.9	1.9	17.1
ARKANSAS	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
LOUISIANA	7	4	.5	2.8	.3	.7	1.8	6.0	7.7	13.7	.4	.5	4.0
OKLAHOMA	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
TEXAS	9	9	.8	3.9	.6	1.3	2.8	8.3	12.6	20.4	.2	1.1	10.5
WEST REGION	55	32	3.6	27.1	2.9	6.1	19.8	54.0	58.3	111.7	4.3	4.1	43.1
PACIFIC DIVISION	50	30	3.5	26.5	2.8	6.0	19.5	53.2	57.4	109.8	4.3	3.9	41.9
WASHINGTON	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.7
CALIFORNIA	43	26	3.2	23.7	2.5	5.4	17.5	47.8	51.9	99.1	(D)	3.5	37.3
2652-- SETUP PAPERBOARD BOXES													
UNITED STATES	454	295	21.1	100.4	18.3	35.4	73.3	160.2	122.7	282.4	6.1	20.5	131.7
NORTHEAST REGION	245	163	12.5	60.9	10.8	20.9	43.6	96.5	72.6	168.9	3.5	12.5	80.4
NEW ENGLAND DIVISION	65	47	3.8	17.9	3.2	6.0	12.3	27.4	23.2	50.5	1.0	3.5	24.9
MAINE	6	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	36	27	2.4	11.7	2.0	3.8	8.1	18.2	15.2	33.4	.8	2.4	17.3
RHODE ISLAND	13	10	.7	2.9	.6	1.2	2.0	4.4	3.0	7.3	.1	.5	2.5
CONNECTICUT	7	5	.4	2.4	.4	.7	1.5	3.4	2.0	5.4	.1	[2](D)	[2] (D)
MIDDLE ATLANTIC DIVISION	180	116	8.7	43.0	7.6	14.8	31.2	69.1	49.4	118.4	2.4	9.0	55.6
NEW YORK	96	61	5.4	28.0	4.6	9.1	19.9	46.0	31.7	77.7	1.3	5.1	34.0
NEW JERSEY	30	18	1.1	5.5	1.0	1.9	3.9	8.2	5.7	13.7	.1	1.4	8.3
PENNSYLVANIA	54	37	2.2	9.5	2.0	3.8	7.4	14.9	12.0	26.9	1.0	2.5	13.2
NORTH CENTRAL REGION	77	46	3.6	17.3	3.1	5.9	12.9	27.0	19.0	46.0	.7	3.5	22.2
EAST NORTH CENTRAL DIVISION	61	36	2.7	13.0	2.3	4.4	9.5	19.7	13.7	33.4	.6	2.8	17.6
OHIO	12	8	.6	3.4	.6	1.1	2.5	4.9	3.5	8.4	.1	[2](D)	[2](D)
ILLINOIS	35	19	1.4	6.5	1.2	2.2	4.7	9.9	7.3	17.2	.2	1.4	9.3
MICHIGAN	8	4	.5	2.2	.4	.8	1.6	3.3	1.7	5.0	.1	.4	2.8
WEST NORTH CENTRAL DIVISION	16	10	.9	4.3	.7	1.6	3.4	7.3	5.3	12.6	.1	.6	4.6
MISSOURI	8	4	.5	2.1	.4	.8	1.7	3.8	3.1	6.9	.1	.3	2.0
SOUTH REGION	92	60	3.5	14.1	3.1	6.1	11.1	23.2	22.4	45.4	1.7	3.2	19.0
SOUTH ATLANTIC DIVISION	55	39	2.5	10.2	2.2	4.4	8.0	16.7	15.9	32.3	.9	2.5	14.4
MARYLAND	8	3	.3	1.4	.3	.5	1.1	2.6	1.7	4.3	.1	[2](D)	[2](D)
VIRGINIA	6	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	1.9
NORTH CAROLINA	18	16	1.0	3.9	.9	1.8	3.1	6.7	6.6	13.2	.3	.9	5.9
SOUTH CAROLINA	5	4	.2	.7	.2	.3	.6	1.1	1.0	2.1	.1	.2	1.2
GEORGIA	9	6	.3	1.0	.2	.5	.8	1.7	1.5	3.2	.1	.3	1.5
FLORIDA	7	5	.3	1.2	.3	.6	1.0	2.1	1.8	3.7	.1	.5	2.6

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2652-- SETUP PAPERBOARD BOXES--CON.													
SOUTH REGION--CON.													
EAST SOUTH CENTRAL DIVISION	26	17	.7	2.7	.6	1.2	2.2	5.0	4.6	9.5	.7	.7	4.3
TENNESSEE	16	10	.4	1.6	.4	.7	1.4	3.2	3.0	6.3	.4	.4	2.5
ALABAMA	5	4	.2	.6	.1	.3	.5	1.1	1.0	2.0	.3	.2	1.0
WEST SOUTH CENTRAL DIVISION	11	4	.3	1.2	.3	.5	1.0	1.5	1.9	3.5	.1	[2] .1	[2] .3
TEXAS	8	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST REGION	40	26	1.5	8.2	1.3	2.5	5.7	13.5	8.7	22.2	.2	1.2	10.1
PACIFIC DIVISION	36	24	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	29	21	1.3	7.1	1.1	2.2	5.0	11.9	7.6	19.5	(D)	[2] (D)	[2] (D)
2653-- CORRUGATED AND SOLID FIBER BOXES													
UNITED STATES	1 071	803	97.1	656.0	73.0	152.5	435.0	1 130.0	1 830.4	2 959.6	127.7	83.2	804.0
NORTHEAST REGION	305	222	27.0	184.6	20.3	42.5	118.8	330.9	432.3	762.7	30.6	25.1	250.9
NEW ENGLAND DIVISION	74	48	5.8	37.7	4.4	9.1	24.2	65.9	90.0	155.8	4.1	4.9	49.8
MAINE	5	3	.3	1.5	.3	.5	1.0	3.2	4.3	7.6	.3	.2	1.9
MASSACHUSETTS	44	27	3.9	25.8	2.9	6.1	16.5	44.1	61.7	105.7	3.1	3.5	35.0
CONNECTICUT	19	13	1.3	8.2	.9	1.9	5.1	14.1	17.5	31.4	.5	1.0	10.3
MIDDLE ATLANTIC DIVISION	231	174	21.2	146.9	15.9	33.4	94.6	264.9	342.3	606.9	26.5	20.2	202.3
NEW YORK	93	65	6.9	48.8	5.2	10.9	31.0	88.6	103.5	192.1	7.9	7.2	78.5
NEW JERSEY	67	54	7.2	50.3	5.4	11.0	32.3	92.0	118.5	210.3	8.8	6.9	66.1
PENNSYLVANIA	71	55	7.1	47.9	5.4	11.4	31.2	84.3	120.3	204.6	9.7	6.1	57.8
NORTH CENTRAL REGION	394	308	37.6	257.0	28.0	58.3	169.8	421.7	691.0	1 111.8	45.2	32.6	307.7
EAST NORTH CENTRAL DIVISION	315	245	31.5	214.3	23.5	48.8	143.3	350.7	562.8	913.0	34.5	27.1	257.3
OHIO	75	61	8.3	55.8	6.3	13.0	38.1	95.1	143.6	238.6	8.8	7.0	64.1
INDIANA	33	26	3.9	26.2	3.0	6.1	17.8	40.5	63.0	103.4	2.8	3.4	30.7
ILLINOIS	110	85	10.2	69.4	7.6	15.8	45.8	109.5	180.9	290.8	11.6	9.2	90.8
MICHIGAN	59	46	5.0	34.0	3.7	7.6	23.1	56.4	93.2	149.4	7.9	4.2	39.1
WISCONSIN	38	27	4.2	28.9	3.0	6.3	18.4	49.2	82.0	130.8	3.5	3.3	32.6
WEST NORTH CENTRAL DIVISION	79	63	6.1	42.6	4.5	9.5	26.5	71.0	128.2	198.8	10.6	5.5	50.4
IOWA	12	9	.9	6.4	.7	1.5	3.9	12.1	18.8	30.7	1.1	[2] (D)	[2] (D)
MISSOURI	34	25	2.1	13.8	1.5	3.1	8.5	21.2	41.4	62.6	5.3	1.7	13.2
NEBRASKA	7	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	2.3
KANSAS	6	6	.9	6.7	.6	1.4	4.1	11.2	19.3	30.4	1.5	1.1	10.1
SOUTH REGION	249	193	22.3	138.8	17.1	36.0	93.6	241.5	447.4	689.4	36.2	16.8	154.7
SOUTH ATLANTIC DIVISION	130	101	12.2	76.1	9.3	19.8	51.6	130.2	244.8	375.3	23.4	9.0	78.7
DELAWARE	4	4	.3	1.8	.2	.4	1.1	2.7	5.3	7.9	(D)	[2] (D)	[2] (D)
MARYLAND	22	16	1.6	9.8	1.2	2.5	6.2	17.2	28.6	45.8	2.7	1.3	10.3
VIRGINIA	19	14	1.7	10.4	1.4	2.9	7.1	19.6	31.7	51.4	3.6	1.0	10.0
WEST VIRGINIA	7	7	.7	3.6	.5	1.1	2.5	6.9	8.3	15.2	(D)	[2] (D)	[2] (D)
NORTH CAROLINA	22	17	2.2	13.3	1.7	3.8	9.2	21.1	42.1	63.3	7.1	1.6	15.8
SOUTH CAROLINA	8	6	.9	5.2	.7	1.4	3.6	9.5	18.0	27.6	2.2	[2] (D)	[2] (D)
GEORGIA	23	16	2.6	16.9	2.1	4.3	12.0	28.6	62.7	91.4	2.9	2.0	18.3
FLORIDA	25	21	2.2	15.0	1.6	3.5	9.9	24.6	48.0	72.7	2.1	1.6	14.8
EAST SOUTH CENTRAL DIVISION	46	41	4.6	26.8	3.6	7.5	18.2	46.8	82.5	129.1	6.0	3.4	31.2
KENTUCKY	10	10	1.1	7.2	.8	1.8	4.9	11.1	21.9	32.9	(D)	.9	8.4
TENNESSEE	24	21	2.4	13.6	1.9	3.9	9.2	24.7	41.4	66.0	3.4	1.8	15.6
ALABAMA	6	5	.5	2.6	.4	.8	1.7	4.0	7.4	11.3	.1	.3	4.2
MISSISSIPPI	6	5	.6	3.4	.5	1.0	2.4	6.9	11.9	18.8	(D)	.4	2.9
WEST SOUTH CENTRAL DIVISION	73	51	5.5	35.8	4.2	8.7	23.9	64.6	120.1	185.1	6.8	4.4	44.7
ARKANSAS	9	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
LOUISIANA	11	8	1.5	9.9	1.2	2.4	7.2	18.9	31.9	51.0	1.1	1.5	15.4
OKLAHOMA	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
TEXAS	49	33	3.0	18.7	2.2	4.7	11.9	31.3	64.4	96.0	4.7	2.0	18.9
WEST REGION	123	80	10.2	75.6	7.7	15.7	52.8	135.9	259.7	395.7	15.7	8.9	88.2
MOUNTAIN DIVISION	12	10	.8	5.0	.6	1.2	3.4	11.4	17.0	28.3	.6	.6	8.1
COLORADO	6	6	.4	2.9	.3	.7	1.9	6.0	9.3	15.3	.5	.3	5.3
ARIZONA	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
PACIFIC DIVISION	111	70	9.4	70.6	7.1	14.5	49.4	124.5	242.7	367.4	15.1	8.2	81.4
WASHINGTON	14	9	1.7	12.3	1.2	2.5	8.7	20.1	41.7	61.7	1.2	1.3	12.7
OREGON	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
CALIFORNIA	92	56	7.3	54.9	5.5	11.2	38.3	98.7	189.1	288.3	13.7	6.6	65.4
HAWAII	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2654-- SANITARY FOOD CONTAINERS													
UNITED STATES	244	184	35.3	213.8	28.5	60.2	157.8	506.1	595.3	1 093.9	48.1	32.9	402.2
NORTHEAST REGION	75	49	9.5	57.6	7.6	16.3	42.4	127.2	131.6	257.6	7.6	11.0	119.3
NEW ENGLAND DIVISION	23	16	2.2	12.8	1.7	3.9	8.9	26.7	32.1	57.2	2.7	1.5	19.6
NEW HAMPSHIRE	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
VERMONT	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	16	10	1.1	6.5	.9	2.0	4.8	11.8	15.0	26.8	.9	[2](D)	[2](D)
RHODE ISLAND	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	52	33	7.4	44.8	5.9	12.4	33.4	100.5	99.5	200.4	4.9	9.5	99.7
NEW YORK	33	19	3.2	20.1	2.7	5.6	15.5	36.6	32.4	68.9	1.0	4.2	33.3
NEW JERSEY	9	7	1.8	9.8	1.5	3.0	8.5	30.5	29.9	59.1	1.7	2.5	37.2
PENNSYLVANIA	10	7	2.4	14.9	1.7	3.8	9.4	33.4	37.2	72.5	2.2	2.9	29.2
NORTH CENTRAL REGION	66	56	13.4	83.3	10.9	22.5	62.0	180.1	228.6	406.0	19.3	11.5	139.6
EAST NORTH CENTRAL DIVISION	48	40	9.6	61.4	7.8	16.2	45.2	121.5	162.9	282.9	17.3	8.2	89.9
OHIO	8	6	.7	4.2	.6	1.2	3.2	9.7	22.6	31.6	.8	[2](D)	[2](D)
INDIANA	7	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.8
ILLINOIS	19	17	3.3	19.8	2.7	5.5	14.2	43.0	40.4	83.0	8.8	2.6	26.5
MICHIGAN[e]	8	7	3.6	23.6	2.8	5.9	16.8	38.5	56.0	93.8	3.9	3.5	35.6
WISCONSIN	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	18	16	3.8	21.9	3.1	6.3	16.8	58.7	65.8	123.0	2.0	3.3	49.7
IOWA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	7	7	2.5	14.1	2.1	4.2	10.7	41.3	33.1	72.9	1.0	2.2	35.2
KANSAS	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	66	53	8.7	47.8	6.9	15.1	34.0	138.4	156.7	291.8	19.3	6.3	87.3
SOUTH ATLANTIC DIVISION	40	33	6.5	35.3	5.0	11.1	24.2	94.8	104.2	196.2	11.5	4.5	59.0
MARYLAND	10	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	22.4
VIRGINIA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	5	4	.4	2.0	.3	.7	1.4	5.6	10.4	15.7	.8	[2](D)	[2](D)
SOUTH CAROLINA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	11	10	1.6	9.0	1.3	3.0	6.9	26.1	28.6	53.5	3.0	1.1	14.4
FLORIDA	9	7	.5	2.7	.4	.8	2.0	6.9	9.8	16.5	.7	.3	3.4
EAST SOUTH CENTRAL DIVISION	11	10	.8	4.5	.7	1.5	3.5	17.8	16.4	34.1	2.5	.7	9.1
KENTUCKY	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	3	3	.2	.7	.1	.3	.6	1.5	1.8	3.3	(D)	-	-
WEST SOUTH CENTRAL DIVISION	15	10	1.4	8.1	1.2	2.5	6.3	25.8	36.1	61.5	5.3	1.2	19.2
ARKANSAS	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	9	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	37	26	3.7	25.1	3.1	6.3	19.5	60.3	78.3	138.5	1.9	4.0	56.0
MOUNTAIN DIVISION	4	3	.2	1.5	.2	.4	1.1	3.8	7.6	11.4	.2	(D)	(D)
PACIFIC DIVISION	33	23	3.5	23.6	2.9	5.9	18.4	56.6	70.7	127.0	1.7	(D)	(D)
WASHINGTON	4	3	.2	1.2	.2	.4	1.0	3.3	7.0	10.3	.1	.2	2.1
OREGON	4	2	.3	1.7	.2	.4	1.4	3.1	4.3	7.4	(Z)	[2](D)	[2](D)
CALIFORNIA	25	18	3.0	20.7	2.5	5.2	16.0	50.2	59.4	109.4	1.6	3.6	49.7
2655-- FIBER CANS, DRUMS, REL. MATERIAL													
UNITED STATES	268	160	15.7	93.7	13.3	27.9	72.9	181.1	203.0	385.2	13.3	13.2	126.2
NORTHEAST REGION	85	48	4.8	27.8	4.1	8.6	21.6	53.5	55.7	109.2	3.2	4.3	41.6
NEW ENGLAND DIVISION	22	14	1.2	6.2	1.0	2.1	4.7	10.7	11.0	21.6	.4	1.0	8.3
MASSACHUSETTS	16	10	.5	2.7	.4	.9	2.0	5.2	4.9	10.1	.2	[2](D)	[2](D)
RHODE ISLAND	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	63	34	3.6	21.6	3.1	6.6	16.9	42.8	44.7	87.6	2.8	3.3	33.3
NEW YORK	18	9	1.0	5.6	.9	1.8	4.2	10.4	7.5	17.8	.4	.8	7.0
NEW JERSEY	23	14	1.2	7.4	1.0	2.1	5.6	13.9	14.4	28.3	.8	1.4	13.4
PENNSYLVANIA	22	11	1.4	8.5	1.2	2.6	7.1	18.5	22.7	41.5	1.7	1.2	12.9
NORTH CENTRAL REGION	75	48	4.5	27.8	3.8	8.1	21.5	51.6	59.7	111.1	4.3	4.1	39.2
EAST NORTH CENTRAL DIVISION	64	40	3.7	22.9	3.1	6.7	17.6	41.9	46.3	87.9	3.4	3.2	30.4
OHIO	18	17	1.6	10.1	1.4	3.0	7.9	16.4	17.3	33.7	1.1	1.4	11.9
INDIANA	8	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	5.7
ILLINOIS	21	9	1.0	5.5	.8	1.7	4.2	9.7	9.3	19.0	.5	.9	7.6
MICHIGAN	9	5	.3	2.0	.2	.5	1.5	4.3	5.5	9.9	.2	.2	3.1
WISCONSIN	8	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.2
WEST NORTH CENTRAL DIVISION	11	8	.8	5.0	.7	1.5	4.0	9.7	13.4	23.1	.9	.9	8.8
MISSOURI	4	4	.5	3.5	.4	.9	2.6	6.4	9.2	15.6	.5	[2](D)	[2](D)
SOUTH REGION	80	51	5.5	32.C	4.7	9.6	25.2	64.0	71.8	136.8	5.0	4.0	35.7
SOUTH ATLANTIC DIVISION	47	29	4.0	24.6	3.4	7.0	19.6	45.7	48.5	95.2	4.2	3.0	27.2
NORTH CAROLINA	11	6	.4	1.7	.3	.6	1.2	3.2	3.3	6.4	.2	.2	1.5
SOUTH CAROLINA	6	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	9	5	.4	2.3	.3	.7	1.7	4.2	6.2	10.4	.6	.4	3.2
FLORIDA	13	9	.9	5.7	.8	1.7	4.6	14.9	23.7	39.5	2.2	.1	2.0

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2655-- FIBER CANS, DRUMS, REL. MATERIAL--CON.													
SOUTH REGION--CON.													
EAST SOUTH CENTRAL DIVISION	15	9	.9	4.5	.8	1.7	3.4	10.5	9.6	20.0	.4	.6	5.6
TENNESSEE	5	4	.4	2.4	.4	.9	1.9	5.6	5.9	11.5	(D)	.2	3.2
ALABAMA	4	2	.3	.9	.2	.5	.8	2.2	1.7	3.8	(D)	[2] (D)	[2] (D)
WEST SOUTH CENTRAL DIVISION	18	13	.5	2.9	.4	.9	2.2	7.9	13.7	21.6	.3	.4	2.9
TEXAS	13	8	.4	2.0	.3	.7	1.6	5.3	10.0	14.9	(D)	.2	2.3
WEST REGION	28	13	.9	6.1	.7	1.5	4.5	12.0	15.9	28.1	.9	.8	9.7
PACIFIC DIVISION	26	13	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	23	11	.7	5.0	.6	1.2	3.7	10.8	12.5	23.4	.7	[2] (D)	[2] (D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X)Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated.

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Folding paperboard boxes (SIC 2651)	Setup paperboard boxes (SIC 2652)	Corrugated and solid fiber boxes (SIC 2653)	Sanitary food containers (SIC 2654)	Fiber cans, drums, and related materials (SIC 2655)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.84	.92	.98	.92	.96
COVERAGE RATIO[2]	.90	.87	.98	.86	.85
ESTABLISHMENTS, TOTAL .NUMBER	569	454	1 071	244	268
WITH 1 TO 19 EMPLOYEES .DO	176	159	268	60	108
WITH 20 TO 99 EMPLOYEES .DO	248	244	398	102	120
WITH 100 EMPLOYEES OR MORE .DO	145	51	405	82	40
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	49.3	21.1	97.1	35.3	15.7
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	322.6	100.4	656.0	213.8	93.7
PRODUCTION WORKERS:					
AVERAGE FOR YEAR 1,000	39.5	18.3	73.0	28.5	13.3
MARCH .DO	39.3	17.5	72.1	28.2	13.4
MAY .DO	38.9	17.7	71.9	28.5	13.4
AUGUST .DO	39.7	18.7	73.3	29.2	13.2
NOVEMBER .DO	40.2	19.2	74.9	28.1	13.2
MAN-HOURS .MILLIONS	82.1	35.4	152.5	60.2	27.9
JANUARY-MARCH .DO	20.1	8.4	37.5	14.9	7.0
APRIL-JUNE .DO	20.5	8.6	37.6	15.2	7.1
JULY-SEPTEMBER .DO	20.5	8.8	38.3	15.3	6.8
OCTOBER-DECEMBER .DO	21.0	9.6	39.1	14.8	7.1
WAGES MILLION DOLLARS	228.8	73.3	435.0	157.8	72.9
COST OF MATERIALS, ETC., TOTAL .DO	657.2	122.7	1 830.4	595.3	203.0
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	629.3	114.2	1 768.8	556.2	195.0
COST OF RESALES .DO	8.9	4.5	31.4	26.9	4.9
FUELS CONSUMED .DO	3.8	.8	12.5	2.6	1.1
PURCHASED ELECTRIC ENERGY .DO	5.6	1.4	13.1	6.8	1.9
CONTRACT WORK .DO	9.6	1.8	4.6	2.8	.1
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	1 216.2	282.4	2 959.6	1 093.9	385.2
VALUE OF RESALES .DO	11.7	5.8	35.8	49.6	6.2
VALUE ADDED BY MANUFACTURE .DO	563.2	160.2	1 130.0	506.1	181.1
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL .DO	167.7	30.9	264.1	165.5	38.3
FINISHED PRODUCTS .DO	84.3	12.6	46.4	88.3	7.7
WORK IN PROCESS .DO	43.3	4.7	27.4	13.7	6.7
MATERIALS, SUPPLIES, FUEL, ETC. .DO	40.1	13.5	190.4	63.5	23.9
END OF YEAR, TOTAL .DO	172.7	31.2	258.0	170.3	36.8
FINISHED PRODUCTS .DO	88.4	12.9	48.8	96.2	7.4
WORK IN PROCESS .DO	43.5	4.9	25.7	13.3	6.0
MATERIALS, SUPPLIES, FUEL, ETC. .DO	40.9	13.4	183.6	60.9	23.5
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	46.7	7.5	152.5	50.5	14.0
NEW PLANT AND EQUIPMENT, TOTAL .DO	42.2	6.1	127.7	48.1	13.3
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	10.2	1.3	38.6	12.9	2.9
NEW MACHINERY AND EQUIPMENT .DO	32.0	4.8	89.1	35.2	10.4
USED PLANT AND EQUIPMENT .DO	4.4	1.3	24.8	2.3	.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1] The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2] The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2651-- FOLDING PAPERBOARD BOXES											
ESTABLISHMENTS, TOTAL	569	49.3	322.6	39.5	82.1	228.8	563.2	657.2	[1] 216.2	42.2	172.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	78	.2	.9	.1	.2	.6	2.3	2.5	4.7	[2] .3	.6
5 TO 9 EMPLOYEES[e]	34	.2	1.3	.2	.4	1.0	2.7	2.9	5.6	.1	.6
10 TO 19 EMPLOYEES	64	.9	5.4	.7	1.6	3.8	10.7	9.9	20.4	.5	1.8
20 TO 49 EMPLOYEES	140	4.5	26.5	3.7	7.4	18.3	47.2	48.6	95.4	2.7	10.1
50 TO 99 EMPLOYEES	108	7.9	48.5	6.5	13.1	34.6	87.7	88.7	175.0	6.1	23.6
100 TO 249 EMPLOYEES	100	16.3	104.4	13.1	27.2	74.3	189.4	198.4	386.6	16.1	58.0
250 TO 499 EMPLOYEES	35	11.9	79.9	9.5	19.7	57.5	133.5	165.4	298.0	12.0	44.4
500 TO 999 EMPLOYEES	9	7.4	55.8	5.6	12.4	38.8	89.8	141.0	230.5	4.3	33.7
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	80	.2	1.2	.2	.4	.9	2.8	3.0	5.8	.2	.8
2652-- SETUP PAPERBOARD BOXES											
ESTABLISHMENTS, TOTAL	454	21.1	100.4	18.3	35.4	73.3	160.2	122.7	282.4	6.1	31.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	55	.1	.5	.1	.2	.4	1.9	1.5	3.4	[2] (Z)	.4
5 TO 9 EMPLOYEES[e]	42	.3	1.4	.3	.5	1.0	2.3	2.5	4.7	(Z)	.4
10 TO 19 EMPLOYEES	62	.9	3.8	.8	1.5	2.9	6.8	6.1	13.0	.2	1.1
20 TO 49 EMPLOYEES	152	4.8	21.4	4.2	8.0	16.1	34.4	24.6	58.9	1.7	6.4
50 TO 99 EMPLOYEES	92	6.3	29.8	5.5	10.8	22.1	47.7	37.5	84.8	1.7	9.1
100 TO 249 EMPLOYEES	48	7.3	35.9	6.3	12.4	26.1	55.1	42.9	98.0	1.8	11.3
250 TO 499 EMPLOYEES	2	1.2	7.6	1.0	2.1	4.7	12.0	7.6	19.6	.6	2.4
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	71	.3	1.2	.3	.5	.9	2.9	2.1	5.0	.1	.6
2653-- CORRUGATED AND SOLID FIBER BOXES											
ESTABLISHMENTS, TOTAL	[1] 071	97.1	656.0	73.0	152.5	435.0	[1] 130.0	[1] 830.4	[2] 959.6	127.7	258.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	109	.2	1.1	.2	.3	.8	2.1	3.5	5.6	[2] 16.8	.5
5 TO 9 EMPLOYEES	54	.4	2.4	.3	.6	1.5	5.3	10.6	15.9	2.1	.9
10 TO 19 EMPLOYEES	105	1.6	9.1	1.2	2.3	5.6	18.2	29.1	47.2	2.1	2.9
20 TO 49 EMPLOYEES	250	8.2	48.4	6.3	12.7	30.4	84.9	152.0	236.2	20.0	13.4
50 TO 99 EMPLOYEES	148	10.4	62.2	7.8	16.0	39.8	112.9	182.5	295.0	18.5	27.4
100 TO 249 EMPLOYEES	333	53.1	363.0	39.6	83.7	241.1	628.1	[1] 025.3	[1] 653.9	46.0	152.6
250 TO 499 EMPLOYEES	69	21.6	156.1	16.2	34.1	105.9	255.8	391.6	647.5	21.0	55.3
500 TO 999 EMPLOYEES	3	1.8	13.5	1.4	2.8	9.9	22.7	35.7	58.3	1.2	5.1
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	86	.2	1.4	.2	.4	.9	2.4	3.7	6.2	.1	.6
2654-- SANITARY FOOD CONTAINERS											
ESTABLISHMENTS, TOTAL	244	35.3	213.8	28.5	60.2	157.8	506.1	595.3	[1] 093.9	48.1	170.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	18	(Z)	.1	(Z)	(Z)	.1	.3	.3	.6	[2] 5.8	.1
5 TO 9 EMPLOYEES[e]	14	.1	.6	.1	.2	.4	1.2	2.0	3.1	[1] (D)	.3
10 TO 19 EMPLOYEES	28	.4	2.3	.3	.7	1.7	6.6	6.2	12.8	(D)	.8
20 TO 49 EMPLOYEES	46	1.6	8.3	1.3	2.7	6.5	18.1	32.1	50.4	1.8	5.8
50 TO 99 EMPLOYEES	56	4.0	23.3	3.3	6.8	17.3	53.9	107.8	161.1	5.0	17.9
100 TO 249 EMPLOYEES	50	7.7	46.7	6.3	13.0	34.1	99.0	167.2	265.0	8.1	33.7
250 TO 499 EMPLOYEES	18	6.4	40.4	5.2	11.1	30.0	102.4	79.5	180.4	6.1	34.1
500 TO 999 EMPLOYEES	9	6.5	41.0	5.3	11.4	31.5	111.4	104.5	217.2	10.8	39.3
1,000 TO 2,499 EMPLOYEES	5	8.6	51.1	6.7	14.3	36.3	113.2	95.7	203.4	10.4	38.2
ESTABS. COVERED BY ADMIN. RECORDS[1]	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2655-- FIBER CANS, DRUMS, REL. MATERIAL											
ESTABLISHMENTS, TOTAL	268	15.7	93.7	13.3	27.9	72.9	181.1	203.0	385.2	13.3	36.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	41	.1	.5	.1	.2	.4	.9	.8	1.7	[2] .6	.2
5 TO 9 EMPLOYEES[e]	25	.2	.9	.2	.3	.7	1.8	2.0	3.7	.1	.3
10 TO 19 EMPLOYEES	42	.6	3.3	.5	1.1	2.4	7.2	9.7	16.9	.6	1.4
20 TO 49 EMPLOYEES	66	2.2	12.6	1.8	3.9	9.3	28.5	36.3	64.8	1.9	6.7
50 TO 99 EMPLOYEES	54	3.8	22.0	3.1	6.7	16.4	43.6	57.3	101.9	2.7	10.1
100 TO 249 EMPLOYEES	33	4.9	28.9	4.1	8.6	22.6	58.2	63.8	122.0	5.7	11.8
250 TO 499 EMPLOYEES	6	4.1	25.5	3.5	7.1	21.2	40.9	33.1	74.1	1.7	6.3
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	41	.1	.8	.1	.2	.6	1.3	1.3	2.6	(Z)	.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e] For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1] Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2] Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2651	Folding paperboard boxes	1967	1,216.2	1,005.7	190.4	20.1	84	1,116.2	1,005.7	110.5	90
		1963	1,081.1	902.5	157.5	21.2	85	1,026.0	902.5	123.5	88
2652	Setup paperboard boxes	1967	282.4	254.4	21.4	6.6	92	291.8	254.4	37.4	87
		1963	225.8	201.3	19.3	5.1	91	232.3	201.3	30.9	87
2653	Corrugated and solid fiber boxes	1967	2,959.6	2,838.7	59.9	61.0	98	2,893.2	2,838.7	54.5	98
		1963	2,166.1	2,056.5	60.5	49.1	97	2,136.2	2,056.5	79.8	96
2654	Sanitary food containers	1967	1,093.9	954.5	79.8	59.6	92	1,105.8	954.5	151.3	86
		1963	905.9	788.2	72.5	45.2	92	854.7	788.2	66.6	92
2655	Fiber cans, drums, and related materials	1967	385.2	362.2	15.8	7.2	96	425.4	362.2	63.2	85
		1963	260.3	242.7	13.1	4.5	95	302.1	242.7	59.4	80

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [r]Revised.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry, and miscellaneous receipts	All industries	Folding paperboard boxes (SIC 2651)	Setup paperboard boxes (SIC 2652)	Corrugated and solid fiber boxes (SIC 2653)	Sanitary food containers (SIC 2654)	Fiber cans, drums, and related materials (SIC 2655)	Other industries
	Total shipments and receipts of the industry	(X)	1,216.2	282.4	2,959.6	1,093.9	385.2	(X)
2651-	Folding paperboard boxes	1,116.2	1,005.7	7.7	22.9	50.6	(under 2)	(20-50)
2652-	Setup paperboard boxes	291.8	21.5	254.4	4.5	1.9	(under 2)	(5-10)
2653-	Corrugated and solid fiber boxes	2,893.2	46.0	2.1	2,838.7	1.7	(under 2)	(2-5)
2654-	Sanitary food containers	1,105.8	89.0	3.6	8.3	954.5	(under 2)	(20-50)
26541	Milk and other beverage cartons	278.9	(under 2)	-	(under 2)	277.6	-	(under 2)
26542	Cups and liquid-tight food containers	385.4	3.3	(under 2)	(under 2)	371.4	-	(5-10)
26543	Other sanitary food containers, board, and trays	430.8	85.4	3.6	7.4	294.2	(under 2)	(20-50)
26540	Sanitary food containers, n.s.k.	11.6	-	-	-	(10-20)	-	(under 2)
2655-	Fiber cans, drums, and related materials	425.4	2.3	.2	(2-5)	(under 2)	362.2	57.2
26551	Paperboard fiber drums with metal, wood, or paperboard ends	93.4	-	-	-	-	91.4	2.0
26552	Fiber cans, tubes, and similar fiber products	322.0	2.3	.2	(2-5)	(under 2)	260.8	55.2
26550	Fiber cans, drums, and related materials, n.s.k.	10.1	-	-	-	-	10.0	.1
	Other product shipments by 4-digit product group							
2441-	Nailed wooden boxes and shook	(X)	-	(under 2)	2.1	-	-	(X)
2631-	Paperboard mill products	(X)	-	-	(over 2)	-	(under 2)	(X)
2643-	Bags, except textile bags	(X)	(under 2)	(under 2)	(over 2)	(under 2)	(under 2)	(X)
2645-	Die-cut paper and board	(X)	1.0	.8	1.6	7.5	(under 2)	(X)
2647-	Sanitary paper products	(X)	(under 2)	-	(under 2)	(over 2)	-	(X)
2649-	Converted paper products, n.e.c.	(X)	(over 2)	(under 2)	(under 2)	4.2	-	(X)
2751-	Commercial printing, except lithographic	(X)	10.0	1.9	(under 2)	.2	-	(X)
2752-	Commercial printing, lithographic	(X)	7.3	(under 2)	-	-	-	(X)
3079-	Miscellaneous plastics products	(X)	(under 2)	(under 2)	(under 2)	(5-10)	3.1	(X)
3461-	Metal stampings	(X)	-	-	-	-	(over 2)	(X)
3491-	Metal barrels, drums, and pails	(X)	-	-	-	-	(over 2)	(X)
3569-	General industrial machinery, n.e.c.	(X)	(over 2)	-	-	-	-	(X)
3993-	Signs and advertising displays	(X)	2.9	(under 2)	(2-5)	(under 2)	-	(X)
	Other secondary products	(X)	4.1	2.2	3.1	1.7	2.7	(X)
	Miscellaneous receipts	(X)	20.1	6.6	61.0	59.6	7.2	(X)
93000	Contract and commission work	(X)	3.5	(under 2)	1.2	.5	(under 2)	(X)
99989	Resales	(X)	11.7	5.8	35.8	49.6	6.2	(X)
99980	Other miscellaneous receipts	(X)	5.0	(under 2)	23.9	9.4	(under 2)	(X)

Listing of the other industries with over $2 million shipments of the primary products

Product code	Class of products, industry, and miscellaneous receipts	Other industries
2651-	2643 Bags, except textile bags	4.5
2651-	2751 Commercial printing, except lithographic	2.9
2651-	2752 Commercial printing lithographic	9.0
2651-	3352 Aluminum rolling and drawing	(over 2)
2651-	3411 Metal cans	(over 2)
2652-	2643 Bags, except textile bags	(over 2)
2652-	2645 Die-cut paper and board	2.5
2654-	2432 Veneer and plywood	(over 2)
2654-	2643 Bags except textile bags	(over 2)
2654-	2645 Die-cut paper and board	3.7

Listing of the other industries with over $2 million shipments of the primary products--Continued

Product code	Class of products, industry, and miscellaneous receipts	Other industries
2654-	2647 Sanitary paper products	3.6
2654-	2649 Converted paper products, n.e.c.	(5-10)
2654-	2752 Commercial printing, lithographic	(over 2)
2654-	2771 Greeting card publishing	(over 2)
2654-	3079 Miscellaneous plastics products	6.2
2655-	2641 Paper coating and glazing	2.3
2655-	3079 Miscellaneous plastics products	(over 2)
2655-	3411 Metal cans	(over 2)
2655-	3491 Metal barrels, drums, and pails	(2-5)

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967[1]		1963[1]	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2651- --	FOLDING PAPERBOARD BOXES	(X)	1,116.2	3,006.5	1,026.0
	Bending paperboard packaging, and packaging components, including die-cut, nonfolded packaging items; products except liquid, moist, oily, or perishable foods:				
26510 14	Dry food and produce, including pet and animal food (excluding trays and boards for retail packaging)	996.9	320.8		
26510 21	Bottled and canned beverages, including carriers for alcoholic and nonalcoholic beverages	311.6	122.3		
26150 31	Soaps and detergents	228.5	68.7		
26510 41	Tobacco	89.4	35.3		
26510 71	Cosmetics and medicinal products	e214.5	110.0		
26510 81	Paper goods or products, including book mailers	e303.8	97.2	3,006.5	1,026.0
26510 98	All other end uses, n.e.c	584.4	239.9		
26510 00	Bending paperboard packaging, and packaging components, n.s.k. (For companies with 10 or more employees, See Note.)	(X)	116.2		
26510 02	Bending paperboard packaging, and packaging components, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	5.8		
2652- --	SETUP PAPERBOARD BOXES	(X)	291.8	583.6	232.3
	Setup paperboard boxes:				
26520 21	Textiles, wearing apparel and hosiery	e268.4	93.0		
26520 31	Department stores and other retail stores	(NA)	37.1		
26520 41	Confections	(NA)	20.5		
26520 51	Cosmetics, including soap	(NA)	17.8		
26520 98	All other end uses not specified above	(NA)	72.3	583.6	232.3
26520 00	Setup paperboard boxes, n.s.k. (For companies with 10 or more employees... See Note.)	(X)	44.5		
26520 02	Setup paperboard boxes, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	6.6		
2653- --	CORRUGATED AND SOLID FIBER BOXES	(NA)	2,893.2	9,933.2	2,136.2
	Corrugated and solid fiber boxes, including pallets: Corrugated shipping containers, classified by end use:				
26530 12	Food and beverages	3,745.1	850.1		
26530 13	Paper and allied products	655.5	146.5		
26530 15	Glass, clay, and stone products	458.0	100.2		
26530 16	Metal products, machinery, equipment, and supplies, except electrical	635.4	159.3	9,316.4	2,002.3
26530 18	Electrical machinery, equipment, supplies, and appliances	600.0	141.0		
26530 19	All other end uses not specified above (furniture, chemicals, including drugs, paints, varnishes, etc.)	4,602.4	1,019.7		
26530 51	Solid fiber	182.3	42.5	95.8	25.2
26530 67	Corrugated paperboard in sheets and rolls, lined and unlined	803.9	160.5	251.8	42.7
26530 68	Corrugated and solid fiber pallets, pads, and partitions	320.3	73.4	122.7	27.2
26530 00	Corrugated and solid fiber boxes, n.s.k. (For companies with 10 or more employees. See Note.)	(NA)	[2]193.8	146.6	38.8
26530 02	Corrugated and solid fiber boxes, n.s.k. (For companies with less than 10 employees. See Note.)	(NA)	[2]6.2		
2654- --	SANITARY FOOD CONTAINERS	(X)	1,105.8	(X)	854.7
26541 31	Milk and milk-type cartons, including juices, beverages and other products	773.4	278.9	668.3	284.8
26542 --	Cups and liquid-tight containers	458.3	384.5	393.2	300.0
26542 33	Liquid-tight and round nested food containers, including lids and tops	162.3	126.3		
26542 35	Drinking cups and portion serving cups	305.6	e258.1		
26543 --	Other sanitary food containers, boards and trays	(X)	430.8	(X)	268.4
	Food serving products (sanitary food containers):				
26543 11	Stamped plates, dishes, spoons, and similar products	e125.9	51.8	93.8	39.1
26543 21	Soda straws, except glass and plastic	e7.3	7.9	9.5	12.4
26543 19	Other paperboard items	e186.4	72.0	64.0	37.1
26543 29	Other paper items, including table cloths	e29.9	14.2		
	For liquid, moist, oily or perishable foods, including frozen foods:				
26543 43	Frozen foods and fresh bakery, including frozen bakery	334.2	138.7	111.3	52.6
26543 53	Butter and ice cream packages and food pails	169.1	77.1	172.4	77.7
26543 57	Processed meats, margarine, lard, and shortening	86.5	38.9	115.1	49.5
26543 73	Trays and boards for fresh meat, poultry, and produce for retail packaging	e63.1	27.9		
26543 00	Other sanitary food containers, boards and trays, n.s.k.	(X)	2.1		
26540 00	Sanitary food containers, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	9.8	3.0	1.6
26540 02	Sanitary food containers, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	1.8		

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2655- --	FIBER CANS, DRUMS, AND RELATED MATERIAL, TOTAL	(X)	425.4	(X)	302.1
26551 51	Paperboard fiber drums with metal, wood, or paperboard ends	122.1	93.4	99.7	62.0
26552 --	Fiber cans, tubes, and similar fiber products	(X)	322.0	(X)	236.9
26552 23	Cans, all fiber bodies, with metal ends	142.5	113.6	61.1	39.8
26552 24	Cans, bodies with combinations of fiber and other materials, including aluminum foil, with metal ends	76.2	72.4	(NA)	74.3
26552 27	Cans, bodies all fiber and combination constructions with at least one end other than metal	23.1	6.8	16.1	9.2
26552 31	Cores and tubes	427.8	95.3	301.7	67.9
26552 71	Paperboard cones, reels, spools, bobbins, and blocks	47.8	21.3	46.3	17.7
26552 98	All vulcanized fiber products--boxes, cans, tubes, drums, etc	(NA)	9.3	31.5	26.6
26552 00	Fiber cans, tubes, and similar fiber products, n.s.k.	(X)	3.3	(X)	1.4
26550 00	Fiber cans, drums, and related materials, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	7.5	(X)	3.2
26550 02	Fiber cans, drums, and related material, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	2.6		

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figures is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [6] From 10 to 30 percent of this figure was estimated.

[1] Establishments engaged in the manufacture of containers and boxes for their own consumption in the manufacture (e.g., packaging) of other products at the same location were not requested to report the value of such products nor the consumption of paper and paperboard in their manufacture, unless a separate container plant was recognized in the bookkeeping records of the company. The quantity columns show the quantity of paper and paperboard consumed during the year in the manufacture of paperboard containers and boxes.

[2] The not specified by kind figure for 1967 includes corrugated shipping containers not classified by end use. In 1963, the data for corrugated shipping containers not classified by end use is shown on one line and not included in the not specified by kind figures.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
BENDING PAPERBOARD, PACKAGING AND PACKAGING COMPONENTS, INCLUDING DIE-CUT, NONFOLDED PACKAGING ITEMS: PRODUCTS EXCEPT LIQUID, MOIST, OILY OR PERISHABLE FOODS (26510)		
United States, total	1,116.2	1,026.0
Northeast Region	383.0	368.9
New England Div.	97.0	105.1
New Hampshire	AA	(1)
Massachusetts	47.2	54.3
Rhode Island	3.0	2.4
Connecticut	45.0	43.5
Middle Atlantic Div.	286.0	263.8
New York	125.4	126.9
New Jersey	65.2	55.5
Pennsylvania	95.4	81.3
North Central Region	416.4	367.0
East North Central Div.	345.0	313.9
Ohio	108.9	96.9
Indiana	36.8	35.7
Illinois	123.8	108.8
Michigan	52.2	49.6
Wisconsin	23.4	22.9
West North Central Div.	71.4	53.0
Minnesota	EE	21.0
Iowa	23.0	(1)
Missouri	25.8	(D)
Nebraska	BB	(D)
South Region	216.5	194.8
South Atlantic Div.	148.0	129.5
Delaware	BB	(D)
Maryland	38.4	35.0
Virginia	22.9	20.0
North Carolina	26.0	24.7
Georgia	46.5	38.2
Florida	CC	10.1
East South Central Div.	27.0	20.2
Kentucky	9.5	5.4
Tennessee	12.9	11.2
Alabama	AA	(1)
Mississippi	BB	(D)
West South Central Div.	41.5	45.1
Arkansas	BB	(1)
Louisiana	11.8	8.6
Oklahoma	CC	(1)
Texas	19.5	29.8
West Region	100.3	95.4
Mountain Div.	2.3	3.1
Colorado	1.6	(1)
Pacific Div.	98.1	92.3
Washington	CC	4.8
Oregon	CC	(1)
California	86.9	83.7

Product class and geographic area	Value of shipments	
	1967	1963
SETUP PAPERBOARD BOXES (26520)		
United States, total	291.8	232.3
Northeast Region	171.7	136.2
New England Div.	47.9	41.5
Maine	2.3	(1)
New Hampshire	2.0	2.0
Massachusetts	30.8	29.8
Rhode Island	7.2	4.0
Connecticut	5.7	4.6
Middle Atlantic Div.	123.8	94.6
New York	79.5	55.6
New Jersey	13.6	11.8
Pennsylvania	30.7	27.3
North Central Region	52.7	42.5
East North Central Div.	39.8	32.3
Ohio	7.8	5.4
Indiana	3.7	4.5
Illinois	18.7	13.3
Michigan	5.6	5.3
Wisconsin	4.0	3.8
West North Central Div.	12.9	10.2
Minnesota	3.6	2.8
Iowa	AA	(D)
Missouri	5.8	4.5
Kansas	AA	(1)
South Region	45.3	37.0
South Atlantic Div.	28.8	24.5
Maryland	3.8	(1)
Virginia	3.5	3.5
North Carolina	10.8	9.3
South Carolina	AA	2.7
Georgia	3.2	2.6
Florida	4.5	3.5
East South Central Div.	9.5	8.7
Tennessee	6.4	5.3
Alabama	1.8	1.9
West South Central Div.	7.0	3.9
Arkansas	1.7	(D)
Texas	5.1	2.9
West Region	22.1	16.6
Mountain Div.	1.1	1.4
Pacific	21.0	15.2
Washington	1.2	1.3
California	18.9	13.4
CORRUGATED AND SOLID FIBER BOXES, INCLUDING PALLETS (26530)		
United States, total	2,893.2	2,136.2
Northeast Region	748.6	594.6
New England Div.	150.4	121.1
Maine	7.0	4.7
New Hampshire	BB	(1)
Vermont	BB	(1)
Massachusetts	102.5	87.4
Rhode Island	4.6	1.8
Connecticut	30.0	21.9

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
CORRUGATED AND SOLID FIBER BOXES, INCLUDING PALLETS (26530)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	598.1	473.5
New York	189.2	166.2
New Jersey	204.1	159.7
Pennsylvania	204.8	147.6
North Central Region	1,093.2	828.1
East North Central Div.	889.4	678.9
Ohio	238.4	180.6
Indiana	100.5	79.2
Illinois	283.5	230.0
Michigan	146.6	101.5
Wisconsin	120.4	87.6
West North Central Div.	203.8	149.2
Minnesota	67.4	45.7
Iowa	29.2	26.9
Missouri	62.4	39.4
South Dakota	BB	(1)
Nebraska	EE	(1)
Kansas	30.0	27.4
South Region	678.8	436.4
South Atlantic Div.	367.5	238.1
Delaware	7.4	(D)
Maryland	45.0	32.1
Virginia	49.7	27.3
West Virginia	15.2	(1)
North Carolina	62.4	44.1
South Carolina	27.2	17.5
Georgia	89.5	61.1
Florida	71.0	43.3
East South Central Div.	126.4	80.2
Kentucky	32.0	23.0
Tennessee	64.6	39.0
Alabama	10.9	9.3
Mississippi	19.0	8.8
West South Central Div.	185.0	118.1
Arkansas	FF	(1)
Louisiana	50.7	44.8
Oklahoma	EE	(1)
Texas	96.5	50.1
West Region	372.6	277.1
Mountain Div.	26.5	18.0
Colorado	14.9	10.6
Arizona	CC	(1)
Utah	BB	(1)
Pacific Div.	346.1	259.1
Washington	50.5	35.4
Oregon	EE	(1)
California	278.6	211.7
Hawaii	CC	(1)
MILK AND OTHER BEVERAGE CARTONS (26541)		
United States	278.9	284.8
Northeast Region	64.7	76.3
New England Div.	CC	(D)
Massachusetts	CC	(1)
Middle Atlantic Div.	GG	(D)
New York	EE	(1)
New Jersey	FF	24.8
Pennsylvania	EE	(1)
MILK AND OTHER BEVERAGE CARTONS (26541)--Con.		
North Central Region	89.5	95.5
East North Central Div.	47.5	53.1
Ohio	FF	(1)
Indiana	CC	113.8
Illinois	CC	(1)
Michigan	CC	(1)
Wisconsin	BB	(1)
West North Central Div.	42.0	42.4
Minnesota	CC	(1)
Iowa	EE	(1)
Missouri	EE	(1)
Nebraska	BB	(1)
Kansas	EE	(1)
South Region	73.6	60.7
South Atlantic Div.	35.5	(D)
Virginia	CC	(D)
North Carolina	CC	(1)
Georgia	EE	(1)
Florida	8.9	(1)
East South Central Div.	CC	(D)
Kentucky	CC	(1)
Mississippi	AA	(D)
West South Central Div.	FF	(D)
Arkansas	CC	(D)
Louisiana	CC	(1)
Texas	EE	13.3
West Region	51.1	52.3
Mountain Div.	BB	(D)
Colorado	BB	(1)
Pacific Div.	FF	(D)
Washington	CC	(1)
California	FF	43.5
CUPS AND LIQUID-TIGHT FOOD CONTAINERS (26542)		
United States	384.5	300.0
Northeast Region	96.9	81.1
New England Div.	15.4	10.3
Massachusetts	CC	(1)
Rhode Island	CC	(1)
Middle Atlantic Div.	81.5	70.8
New York	EE	18.6
New Jersey	FF	(1)
Pennsylvania	30.2	(1)
North Central Region	131.7	103.2
East North Central Div.	GG	(D)
Illinois	45.2	29.3
Michigan	FF	(1)
Wisconsin	4.1	(1)
West North Central Div.	GG	(D)
Missouri	FF	(1)
Kansas	CC	(1)
South Region	119.2	84.1
South Atlantic Div.	GG	(D)
Maryland	FF	(1)
South Carolina	FF	(1)
Georgia	EE	(1)
East South Central Div.	EE	(D)
Kentucky	EE	(1)
West South Central Div.	FF	(D)
Arkansas	FF	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
CUPS AND LIQUID-TIGHT FOOD CONTAINERS (26542)--Con.		
West Region	36.6	(D)
Pacific Div.	FF	31.7
California	FF	31.7
OTHER SANITARY FOOD CONTAINERS, BOARD, AND TRAYS (26543)		
United States	430.8	268.3
Northeast Region	116.3	57.0
New England Div.	47.9	17.5
Maine	AA	(1)
New Hampshire	CC	(D)
Vermont	EE	(1)
Massachusetts	22.2	(1)
Connecticut	4.6	(D)
Middle Atlantic Div.	68.4	39.6
New York	38.7	17.1
New Jersey	4.9	4.7
Pennsylvania	24.8	17.8
North Central Region	173.6	130.6
East North Central Div.	139.3	116.8
Ohio	16.8	8.7
Indiana	EE	(1)
Illinois	25.2	13.5
Michigan	39.8	(1)
Wisconsin	FF	(1)
West North Central Div.	34.3	13.7
Minnesota	7.8	(1)
Iowa	5.2	(1)
Missouri	18.4	7.1
Kansas	BB	(D)
South Region	85.7	38.6
South Atlantic Div.	63.7	30.0
Maryland	12.8	10.1
Virginia	BB	2.3
North Carolina	10.0	(1)
South Carolina	CC	(1)
Georgia	23.6	(1)
Florida	CC	2.0
East South Central Div.	7.5	2.8
Kentucky	1.6	(1)
Tennessee	4.3	(D)
Alabama	AA	(D)
West South Central Div.	14.5	5.8
Arkansas	BB	(1)
Louisiana	AA	(D)
Texas	9.0	(1)
West Region	55.3	42.2
Mountain Div.	7.7	(D)
Idaho	BB	(1)
Colorado	BB	(D)
Pacific Div.	47.6	(D)
Washington	CC	(1)
Oregon	BB	(1)
California	39.1	33.3

Product class and geographic area	Value of shipments	
	1967	1963
PAPERBOARD FIBER DRUMS--METAL, WOOD, OR PAPERBOARD ENDS (26551)		
United States	93.4	62.0
Northeast Region	FF	(NA)
New England Div.	CC	(NA)
Massachusetts	BB	NA)
Connecticut	BB	(NA)
Middle Atlantic Div.	FF	(NA)
New York	7.6	(NA)
New Jersey	EE	(NA)
Pennsylvania	EE	NA)
North Central Region	FF	(NA)
East North Central Div.	FF	(NA)
Ohio	EE	NA)
Illinois	CC	(NA)
Michigan	BB	(NA)
West North Central Div.	CC	(NA)
Minnesota	AA	(NA)
Missouri	CC	NA)
South Region	CC	(NA)
South Atlantic Div.	BB	(NA)
West Virginia	BB	(NA)
East South Central Div.	BB	(NA)
Kentucky	AA	(NA)
Tennessee	BB	(NA)
West South Central Div.	AA	(NA)
Texas	AA	(NA)
West Region	CC	(NA)
Pacific Div.	CC	(NA)
California	CC	NA)
FIBER CANS, TUBES, AND SIMILAR FIBER PRODUCTS (26552)		
United States	322.0	236.9
Northeast Region	77.6	72.4
New England Div.	15.6	12.7
New Hampshire	BB	(1)
Massachusetts	6.5	5.5
Rhode Island	BB	(1)
Connecticut	BB	(1)
Middle Atlantic Div.	62.0	59.8
New York	13.6	17.2
New Jersey	18.1	22.8
Pennsylvania	30.3	19.8
North Central Region	76.4	65.3
East North Central Div.	57.6	47.5
Ohio	20.5	13.7
Indiana	18.3	13.7
Illinois	9.4	11.5
Michigan	2.7	4.0
Wisconsin	6.7	4.6

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
FIBER CANS, TUBES, AND SIMILAR FIBER PRODUCTS (26552)--Con.		
North Central Region--Con.		
West North Central Div.	18.9	17.7
Minnesota	AA	(1)
Iowa	BB	(D)
Missouri	EE	(1)
Kansas	BB	(1)
South Region	138.7	80.3
South Atlantic Div.	95.3	52.9
Delaware	BB	(1)
Maryland	AA	(1)
District of Columbia	AA	(1)
Virginia	3.3	1.4
North Carolina	5.2	3.2
South Carolina	FF	(1)
Georgia	12.7	9.2
Florida	42.2	5.3
FIBER CANS, TUBES, AND SIMILAR FIBER PRODUCTS (26552)--Con.		
South Region--Con.		
East South Central Div.	17.0	8.0
Kentucky	AA	(D)
Tennessee	10.6	(1)
Alabama	BB	(1)
Mississippi	AA	(D)
West South Central Div.	26.4	19.4
Arkansas	BB	(1)
Louisiana	6.5	(1)
Oklahoma	BB	(1)
Texas	15.4	12.2
West Region	29.3	19.0
Pacific Div.	FF	(D)
Washington	AA	(D)
Oregon	BB	(1)
California	23.1	16.0

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
26510	Bending paperboard packaging and packaging components, including die-cut, exc. liquid, moist, oily or perishable foods:								
	Quantity....1,000 short tons..	(NA)	(NA)	(NA)	(NA)	3,006.5	2,502.4	2,186.6	1,874.1
	Value....Million dollars..	1,116.2	1,209.1	1,126.6	1,018.7	[2]1,026.0	815.4	625.4	400.8
26520	Setup paperboard boxes:								
	Quantity....1,000 short tons..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	497.7	568.0
	Value....Million dollars..	291.8	319.6	300.2	246.9	232.3	225.9	220.3	210.6
26530	Corrugated and solid fiber boxes, including pallets[3]:								
	Quantity....1,000 short tons..	(NA)	(NA)	(NA)	(NA)	9,933.2	7,268.0	6,235.6	4,632.7
	Value....Million dollars..	2,893.2	2,811.3	2,478.6	2,318.1	2,136.2	1,627.6	1,260.1	825.2
2654-	Sanitary food containers:								
	Quantity....1,000 short tons..	(NA)	(NA)	(NA)	(NA)	1,630.7	(NA)	1,022.2	391.8
	Value....Million dollars..	1,105.8	927.5	873.9	859.4	854.7	642.4	488.3	160.1
26541	Milk and other beverage cartons:								
	Quantity....1,000 short tons..	(NA)	(NA)	(NA)	(NA)	668.3	520.2	397.7	106.4
	Value....Million dollars..	278.9	280.3	266.2	269.4	284.8	199.3	147.5	34.8
26542	Cups and liquid-tight food containers:								
	Quantity....1,000 short tons..	(NA)	(NA)	(NA)	(NA)	393.2	304.5	246.1	152.9
	Value....Million dollars..	384.5	337.4	304.1	303.4	300.0	230.5	172.2	73.5
26543	Other sanitary food containers, boards, and trays:								
	Quantity....1,000 short tons..	(NA)	(NA)	(NA)	(NA)	566.1	(NA)	378.4	132.5
	Value....Million dollars..	430.8	309.7	303.5	286.5	268.3	212.7	168.5	51.8
26540	Sanitary food containers, n.s.k.:								
	Quantity....1,000 short tons..	(X)	(X)	(X)	(X)	3.0	(X)	(X)	(X)
	Value....Million dollars..	11.6	(X)	(X)	(X)	1.6	(X)	(X)	(X)
2655-	Fiber cans, drums, and related material....do....	425.4	424.1	389.2	331.4	302.1	189.2	167.8	109.1
26551	Paperboard fiber drums--metal, wood, or paperboards ends....do....	93.4	87.0	73.2	68.7	62.0	55.3	41.0	11.2
26552	Fiber cans, tubes, and similar fiber products....do....	322.0	333.3	313.0	259.0	236.9	133.9	126.8	97.9
26550	Fiber cans, tubes, drum, etc., n.s.k....do....	10.1	(3.8)	(3.1)	(3.7)	3.2	(X)	(X)	(X)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard Notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. n.s.k. Not specified by kind.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

[2]Data may include for 1963 as well as earlier years an unknown amount of butter, margarine, frozen food containers.

[3]Data prior to 1963 excludes Alaska and Hawaii to avoid disclosing individual company figures.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2651.--FOLDING PAPERBOARD BOXES					
	Materials, and supplies, total	.....	(X)	629.3	(X)	580.0
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills	1,000 short tons.	(NA)	5.8	2.3	0.7
262106	Purchased (market) paper	...do.....	e94.9	23.3	42.8	15.5
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills	...do.....	1,667.3	241.4	1,657.9	234.6
263103	Purchased (market) paperboard	...do.....	1,201.3	189.1	1,368.2	200.1
289301	Printing inks (complete formulations)	...do.....	e36.8	27.3	30.0	25.7
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	95.3	(X)	98.5
971000	Materials, and supplies, n.s.k.[1]	.....	(X)	47.1	-	-
	INDUSTRY 2652.--SETUP PAPERBOARD BOXES					
	Materials and supplies, total	.....	(X)	114.2	(X)	90.7
	Paper:					
262106	Purchased (market) paper	1,000 short tons.	e47.9	17.8	50.0	17.0
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills	...do.....	e78.7	7.8	54.1	5.7
263103	Purchased (market) paperboard	...do.....	e407.0	44.0	338.8	37.8
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	28.8	(X)	28.2
971000	Materials and supplies, n.s.k.[1]	.....	(X)	15.8	-	-
	INDUSTRY 2653.--CORRUGATED AND SOLID FIBER BOXES					
	Materials, and supplies, total	.....	(X)	1,768.8	(X)	1,323.7
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills	1,000 short tons.	(S)	(S)	(S)	(S)
262106	Purchased (market) paper	...do.....	133.5	16.9	13.5	2.0
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills	...do.....	6,965.2	858.1	5,265.5	643.9
263103	Purchased (market) paperboard	...do.....	4,904.6	628.8	4,284.6	527.5
291106	Petroleum wax	Million lbs.....	e64.1	6.5	19.2	1.6
335231	Aluminum foil	...do.....	(D)	(D)	(D)	(D)
289301	Printing inks (complete formulations)	...do.....	e24.2	19.0	15.4	11.1
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	153.9	(X)	137.5
971000	Materials, and supplies, n.s.k.[1]	.....	(X)	74.1	-	-
	INDUSTRY 2654.--SANITARY FOOD CONTAINERS					
	Materials, and supplies, total	.....	(X)	556.2	(X)	471.0
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills	1,000 short tons.	10.5	2.3	17.5	3.0
262106	Purchased (market) paper	...do.....	111.8	26.1	69.5	18.4
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills	...do.....	1,336.0	282.0	1,060.8	236.6
263103	Purchased (market) paperboard	...do.....	630.4	116.0	557.4	113.4
291106	Petroleum wax	Million lbs.....	212.7	14.9	222.5	17.4
335231	Aluminum foil	...do.....	(D)	(D)	(D)	(D)
335203	Aluminum sheet and plate	...do.....	(D)	(D)	(D)	(D)
289301	Printing inks (complete formulations)	...do.....	e16.7	15.2	12.7	10.6
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	89.2	(X)	65.5
971000	Materials and supplies, n.s.k[1]	.....	(X)	9.2	-	-

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2655.--FIBER CANS, DRUMS, AND RELATED MATERIAL					
	Materials, and supplies, total	.....	(X)	195.0	(X)	128.9
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills	1,000 short tons	59.6	7.7	10.0	1.2
262106	Purchased (market) paper	...do.....	70.5	11.9	43.5	7.1
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills	...do.....	302.3	26.1	230.6	19.8
263103	Purchased (market) paperboard	...do.....	231.5	27.1	246.8	28.9
335231	Aluminum foil	Million lbs.....	(NA)	5.4	13.2	6.5
335203	Aluminum sheet and plate	...do.....	16.9	6.5	12.4	5.4
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	103.1	(X)	59.5
976000	Materials and supplies, n.s.k.[1]	.....	(X)	7.1	-	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Corrugated and solid fiber boxes (SIC 2653)
	Cost of purchased fuels and electric energy, total	Million dollars..	25.6
	Cost of purchased fuels, total	...do.....	12.5
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity	1,000 short tons.	55.5
	Cost	Million dollars..	0.4
	Fuel oil, total:		
	Quantity	1,000 barrels....	1,133.2
	Cost	Million dollars..	3.5
291141	Distillate:		
	Quantity	1,000 barrels....	442.2
	Cost	Million dollars..	1.6
291151	Residual:		
	Quantity	1,000 barrels....	691.0
	Cost	Million dollars..	1.9
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
	Quantity	Million cu. ft...	11,296.3
	Cost	Million dollars..	6.2
	Other fuels (gasoline, LPG, wood, etc.)	...do.....	0.9
975000 976000	Fuels, n.s.k.	...do.....	1.5
	Purchased electric energy:		
960012	Quantity	Million kw.-hrs..	994.4
	Cost	Million dollars..	13.1
	Quantity of electric energy generated less quantity sold	Million kw.-hrs..	24.6
	Total energy used for heat and power[1]	Million kw.-hrs. equivalent.....	8,272.4

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than $50 thousand.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new
			Number	Payroll	Number	Man-hours	Wages				
		(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2654	SANITARY FOOD CONTAINERS										
	ENTIRE INDUSTRY	244	35.3	213.8	28.5	60.2	157.8	506.1	595.3	1 093.9	48.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	202	28.3	170.0	22.9	48.3	126.6	436.5	510.9	941.5	36.7
26541	MILK AND OTHER BEVERAGE CARTONS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	44	4.2	28.4	3.3	6.8	20.8	70.6	193.7	263.7	5.1
26542	CUPS AND LIQUID-TIGHT FOOD CONTAINERS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	41	16.8	96.4	13.5	28.4	71.5	264.9	196.7	457.2	20.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	34	13.7	77.4	11.0	23.1	56.9	232.3	165.9	394.2	19.6
26543	OTHER SANITARY FOOD CONTAINERS, BOARD, AND TRAYS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	119	13.7	85.7	11.1	23.9	63.0	164.0	198.0	359.6	16.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	83	7.7	47.8	6.3	13.7	36.0	107.8	122.3	228.7	10.7
2655	FIBER CANS, DRUMS, AND RELATED MATERIAL										
	ENTIRE INDUSTRY	268	15.7	93.7	13.3	27.9	72.9	181.1	203.0	385.2	13.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	260	14.9	88.5	12.7	26.5	68.8	170.1	192.1	362.6	12.5
26551	PAPERBD FIBER DRUMS--METAL, WOOD, OR PAPERBD END (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	43	3.0	20.9	2.6	5.8	17.0	43.3	53.6	97.0	2.0
26552	FIBER CANS, TUBES, AND SIMILAR FIBER PRODUCTS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	155	12.0	69.7	10.2	21.0	53.6	132.9	144.7	278.7	10.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	148	11.3	65.1	9.5	19.7	49.9	123.1	136.6	260.0	10.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

Printing and Publishing

27A Newspapers, periodicals, books, and miscellaneous printing

27B Commercial printing and manifold business forms

27C Greeting cards; bookbinding; printing trade services

This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in services industries, and textile printing and finishing in Major Group 22.

As in previous censuses, publishing, printing, and allied activities, other than those performed in government-owned and operated establishments, are included as manufacturing activities. As noted in the Introduction, this report does not incorporate any data reported by religious, social, charitable, educational, and other nonprofit organizations whose employees are not covered under the Social Security system.

The term "publisher" is used to designate the person or organization by whom or in whose name newspapers, periodicals, and other publications are listed. In order to provide the fullest possible coverage of the publishing field in the census of manufactures, a separate report was requested from each publishing establishment, whether or not any printing was done at the publishing location. All establishments engaged in publishing one or more newspapers (see text under industry 2711, chapter 27A, for the definition of a "newspaper" used in the census of manufactures) are classified as newspaper publishers, without regard to the ratio of receipts from other activities (e.g., job printing) to their total receipts.

The degree of product specialization for this Major Group taken as a whole, as well as the coverage ratio, is very close to 100 percent. For most 4-digit industries in this group, these ratios are also relatively high; that is, they are generally in the 85 to 95 percent range. However, for the two principal commercial printing industries (industries 2751 and 2752) and the book printing industry (industry 2732), the degree of specialization in primary activity falls in the 75 to 85 percent brackets. These lower specialization ratios reflect the tendency for printers to diversify their operations with respect not only to products or kinds of printing services performed but also to the printing processes employed.

TABLE 1. General Statistics: 1967 and Earlier Years

(See Appendix, Explanation of Terms)

Year and item	Establishments		All employees[1]		Production workers			Value added by manufacture[2]	Cost of materials[3]	Value of shipments[3]	Capital expenditures new[4]
	Total (number)	With 20 employees or more (number)	Total (1,000)	Payroll (million dollars)	Total (1,000)	Man-hours (million dollars)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1967	38 282	8 136	1 052.1	7 323.5	631.6	1 196.1	4 011.3	14 355.1	7 518.5	21 738.4	788.1
1963	38 594	7 323	925.1	5 611.5	559.8	1 083.2	3 191.0	10 476.4	5 777.3	16 165.7	463.9
1958	35 636	6 933	871.7	4 533.9	530.6	997.8	2 595.7	[7] 7 973.2	(NA)	12 589.0	421.5
1954	(NA)	(NA)	808.9	3 650.8	499.2	960.5	2 112.2	[7][6] 403.1	(NA)	(NA)	236.9
ADMINISTRATIVE AND AUXILIARY UNITS:											
1967	293	101	21.1	172.0	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1963[5]	304	108	11.4	96.7	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958[5]	179	74	7.1	44.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954[5]	(NA)	(NA)	5.5	31.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1967	37 989	8 035	1 031.0	7 151.5	631.6	1 196.1	4 011.3	14 355.1	7 518.5	21 738.4	788.1
1963	38 090	7 215	913.2	5 514.8	559.8	1 083.2	3 191.0	10 476.4	5 777.3	16 165.7	463.9
1958	35 457	6 859	864.6	4 489.2	530.6	997.8	2 595.7	[7] 7 973.2	(NA)	12 589.0	421.5
1954	32 530	6 054	803.5	3 619.5	499.2	960.5	2 112.2	[7][6] 403.1	(NA)	(NA)	236.9
OPERATING MANUFACTURING ESTABLISHMENTS:											
1966[6]	(NA)	(NA)	1 017.6	6 751.0	619.1	1 208.7	3 831.5	13 264.5	7 114.9	20 201.7	708.5
1965[6]	(NA)	(NA)	982.4	6 269.2	597.3	1 156.3	3 574.9	12 098.8	6 599.6	18 620.3	542.7
1964[6]	(NA)	(NA)	935.0	5 847.6	569.7	1 123.6	3 349.5	11 192.1	6 185.5	17 337.1	464.5
1962[6]	(NA)	(NA)	921.8	5 411.2	565.9	1 084.2	3 101.1	9 997.5	5 707.0	15 616.0	436.0
1961[6]	(NA)	(NA)	912.9	5 200.6	558.6	1 075.2	2 982.6	9 551.3	5 516.2	14 972.4	414.1
1960[6]	(NA)	(NA)	907.3	5 065.3	560.4	1 082.3	2 935.0	9 341.6	(NA)	(NA)	419.6
1959[6]	(NA)	(NA)	884.7	4 811.7	552.5	1 053.5	2 798.9	8 788.3	(NA)	(NA)	402.9
1957[6]	(NA)	(NA)	866.6	4 294.8	533.2	1 019.2	2 466.0	7 912.5	(NA)	(NA)	326.9
1956[6]	(NA)	(NA)	853.1	4 118.2	526.8	1 017.1	2 385.8	[7] 546.7	(NA)	(NA)	289.3
1955[6]	(NA)	(NA)	822.6	3 837.0	507.4	985.3	2 224.9	[7][6] 937.5	(NA)	(NA)	254.1
1953[6]	(NA)	(NA)	760.3	3 386.5	474.0	924.4	2 013.9	5 916.4	(NA)	(NA)	195.1
1952[6]	30 147	(NA)	772.8	3 267.4	471.3	999.2	1 908.7	5 660.1	(NA)	(NA)	188.8
1951[6]	29 704	(NA)	765.3	3 068.3	473.8	990.8	1 791.4	5 288.5	(NA)	(NA)	243.8
1950[6]	29 427	(NA)	762.7	2 908.9	471.7	1 019.0	1 702.3	4 906.8	(NA)	(NA)	244.4
1949[6]	(NA)	(NA)	756.2	2 744.0	461.5	993.9	1 569.1	4 658.9	(NA)	(NA)	254.1
1947	29 078	(NA)	715.1	2 276.3	437.9	888.3	1 317.6	4 248.8	(NA)	(NA)	226.4
1939[8]	24 778	(NA)	552.3	977.5	324.4	(NA)	493.4	1 765.3	(NA)	(NA)	(NA)
1937[9]	22 674	(NA)	555.0	951.4	351.0	(NA)	530.2	1 785.0	(NA)	(NA)	(NA)
1935	22 505	(NA)	472.5	791.7	302.6	(NA)	443.9	1 546.6	(NA)	(NA)	(NA)
1933[10]	19 216	(NA)	398.7	579.2	261.9	(NA)	353.2	1 245.3	(NA)	(NA)	(NA)
1931	24 664	(NA)	(NA)	(NA)	314.9	(NA)	535.1	1 768.0	(NA)	(NA)	(NA)
1929	27 364	(NA)	566.4	1 138.5	358.4	(NA)	636.4	2 233.2	(NA)	(NA)	(NA)
1927	25 375	(NA)	523.9	1 027.2	331.4	(NA)	589.2	1 936.1	(NA)	(NA)	(NA)
1925	23 646	(NA)	496.7	924.2	317.2	(NA)	544.2	1 757.1	(NA)	(NA)	(NA)
1923	22 897	(NA)	480.6	837.8	309.8	(NA)	494.4	1 527.1	(NA)	(NA)	(NA)
1921	22 559	(NA)	428.1	717.6	283.8	(NA)	435.7	1 305.8	(NA)	(NA)	(NA)
1919	33 262	(NA)	448.1	594.0	303.6	(NA)	352.3	1 091.0	(NA)	(NA)	(NA)
1914	34 241	(NA)	406.4	339.8	285.7	(NA)	207.0	626.9	(NA)	(NA)	(NA)
1909	32 137	(NA)	373.5	280.9	270.1	(NA)	173.5	518.9	(NA)	(NA)	(NA)
1904	28 369	(NA)	299.4	203.4	228.4	(NA)	133.4	423.9	(NA)	(NA)	(NA)
1899	24 363	(NA)	244.0	144.2	202.3	(NA)	103.8	299.7	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1] The figures for 1939 through 1967 include data for employees of printing and publishing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

[2] Value of products and receipts less cost of materials, supplies, fuel, electricity, and contract work plus the net change in finished products and work-in-process inventories between the beginning and end of the year. For 1909 to 1933, cost of contract work was subtracted from value of products in calculating value added by manfacture only for the industries in which it was significant. For 1899 and 1904, cost of contract work was not subtracted from value of products for any industries. Value added by manufacture for 1909, calculated by the method used for 1899 and 1904, was $555.5 million.

[3] The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

[4] The figures for 1958 to 1967 include expenditures for plants under construction and not yet in operation.

[5] Similar data are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these establishments are not available for the years 1955 to 1957, 1959 to 1962 or prior to 1949.

[6] These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

[7] The establishments classified in the printing and publishing industries reported inventories for the first time in 1957. Therefore, the adjusted value added figures are not precisely comparable, in that the adjusted value added figure does not include the inventories adjustment.

[8] The figures for 1899 to 1939 include data for establishments primarily engaged in the manfuacture of tags, which are classified in 1947 to 1954 in the pulp, paper and allied products industries.

[9] The figures for 1899 to 1937 include data for establishments primarily engaged in the manufacture of paper patterns, which are included for later years in the series for the pulp, paper and products industries.

[10] Establishments engaged solely in music publishing were not canvassed in 1933.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
27	PRINTING AND PUBLISHING	37 989	8 035	1 031.0	7 151.5	631.6	1 196.1	4 011.3	14 355.1	7 518.5	21 738.4	788.1	913.2	10 476.4
	NORTHEAST REGION	11 905	2 808	373.7	2 720.9	216.9	410.3	1 414.1	5 813.3	3 217.2	8 946.0	252.3	340.1	4 341.8
	NEW ENGLAND DIVISION	2 462	610	77.3	505.3	50.0	95.4	301.0	974.5	474.1	1 442.3	54.3	70.3	711.2
	MAINE	145	24	2.4	13.9	1.5	2.8	7.8	26.7	9.1	35.7	1.0	2.3	20.5
	NEW HAMPSHIRE	157	31	3.8	23.1	2.6	4.7	14.6	38.5	19.6	58.2	1.8	3.7	30.3
	VERMONT	100	29	3.3	19.1	2.7	5.4	14.0	34.3	15.7	50.5	4.2	2.4	20.1
	MASSACHUSETTS	1 292	320	44.7	291.1	28.8	54.6	170.8	589.2	262.1	845.6	31.1	40.6	426.5
	RHODE ISLAND	182	38	4.4	31.2	2.9	5.7	19.2	53.1	26.4	78.9	4.2	3.9	38.4
	CONNECTICUT	586	168	18.6	126.9	11.5	22.3	74.6	232.7	141.1	373.4	11.9	17.3	175.4
	MIDDLE ATLANTIC DIVISION	9 443	2 198	296.4	2 215.5	166.9	314.8	1 113.1	4 838.8	2 743.1	7 503.7	198.1	269.8	3 630.6
	NEW YORK	6 075	1 369	186.8	1 464.8	97.7	182.5	668.3	3 386.3	1 957.7	5 281.8	116.3	171.6	2 571.9
	NEW JERSEY	1 392	321	41.1	282.8	24.1	45.9	158.1	576.6	313.0	878.0	32.3	34.8	378.0
	PENNSYLVANIA	1 976	508	68.6	467.9	45.1	86.4	286.7	876.0	472.4	1 343.9	49.5	63.4	680.8
	NORTH CENTRAL REGION	11 666	2 611	345.8	2 422.9	220.2	422.5	1 437.0	4 656.8	2 380.4	6 996.2	285.2	304.9	3 390.5
	EAST NORTH CENTRAL DIVISION	7 903	1 937	259.0	1 864.7	167.0	322.1	1 121.0	3 568.6	1 870.5	5 416.6	223.6	226.6	2 630.3
	OHIO	1 827	470	67.1	472.8	43.2	84.9	284.5	874.6	425.1	1 295.5	40.2	58.7	662.2
	INDIANA	866	199	26.9	172.9	18.2	35.2	112.3	327.1	165.9	494.9	22.7	22.7	224.9
	ILLINOIS	2 882	786	107.0	812.5	68.6	131.9	485.1	1 610.1	866.4	2 461.0	104.7	95.5	1 197.7
	MICHIGAN	1 437	301	33.5	240.7	21.7	41.1	142.3	464.0	228.6	689.7	32.3	27.7	319.4
	WISCONSIN	891	181	24.4	165.8	15.3	29.1	96.8	292.9	184.5	475.5	23.6	22.0	226.1
	WEST NORTH CENTRAL DIVISION	3 763	674	86.9	558.2	53.2	100.3	316.0	1 088.3	509.9	1 579.6	61.6	78.3	760.2
	MINNESOTA	835	167	23.6	161.9	14.2	26.3	89.4	278.1	129.8	407.3	11.8	21.9	206.3
	IOWA	671	103	12.5	77.6	7.6	14.5	43.1	173.4	72.3	245.0	11.0	12.0	128.2
	MISSOURI	1 092	238	32.1	211.5	18.6	35.2	116.1	435.1	2 205	640.9	24.0	27.6	287.0
	NORTH DAKOTA	122	18	1.5	8.3	.9	1.8	4.9	14.6	4.4	19.0	.7	1.3	11.1
	SOUTH DAKOTA	173	19	1.6	8.5	1.0	1.9	4.9	15.8	6.0	21.8	.7	1.6	12.9
	NEBRASKA	360	47	5.4	32.5	3.6	6.6	18.8	59.6	31.2	90.5	3.5	5.5	50.7
	KANSAS	510	82	10.1	57.9	7.2	14.1	38.7	111.6	45.7	155.1	9.9	8.3	63.9
	SOUTH REGION	8 520	1 574	188.1	1 145.0	120.4	229.4	667.0	2 226.9	1 160.8	3 381.7	166.6	159.1	1 536.8
	SOUTH ATLANTIC DIVISION	4 068	842	98.9	626.4	61.6	117.0	349.9	1 212.1	640.6	1 847.6	89.3	83.5	825.3
	DELAWARE	58	14	1.5	10.6	1.0	1.8	6.2	18.7	7.1	25.8	1.7	1.3	14.1
	MARYLAND	503	137	16.7	114.4	11.5	22.2	71.1	209.9	111.4	320.5	16.5	14.7	146.1
	DISTRICT OF COLUMBIA	328	81	14.8	115.2	7.1	12.5	49.8	229.0	136.6	364.9	14.4	13.2	162.1
	VIRGINIA	488	108	12.7	73.8	8.5	16.1	45.2	139.4	75.8	214.7	7.8	10.6	91.3
	WEST VIRGINIA	191	33	4.0	21.3	2.6	5.1	13.1	67.4	27.3	93.9	6.4	3.4	38.6
	NORTH CAROLINA	607	134	12.3	68.9	8.4	16.2	41.4	126.1	67.5	193.1	7.9	10.2	85.8
	SOUTH CAROLINA	232	41	3.9	22.6	2.4	4.5	12.0	42.9	16.6	59.4	3.8	3.6	32.7
	GEORGIA	599	121	12.7	82.0	8.6	16.9	50.4	153.7	90.8	243.5	7.6	10.2	100.0
	FLORIDA	1 062	173	20.3	117.6	11.6	21.7	60.6	224.9	107.4	331.8	23.3	16.3	154.6
	EAST SOUTH CENTRAL DIVISION	1 508	281	36.8	217.7	24.7	47.8	136.4	407.3	226.2	634.7	29.7	30.9	285.5
	KENTUCKY	389	77	10.5	67.6	7.6	14.6	45.5	113.6	54.3	167.2	7.3	8.8	77.8
	TENNESSEE	564	119	17.5	100.6	11.4	22.1	61.0	186.1	99.9	287.9	16.8	14.5	135.8
	ALABAMA	334	61	6.3	37.0	4.2	8.1	23.0	82.8	62.3	144.9	3.6	5.3	54.2
	MISSISSIPPI	221	24	2.5	12.5	1.6	3.0	6.8	24.8	9.7	34.6	1.9	2.2	17.6
	WEST SOUTH CENTRAL DIVISION	2 944	451	52.4	300.9	34.1	64.6	180.8	607.5	294.0	899.4	47.5	44.7	426.0
	ARKANSAS	247	49	5.9	29.4	4.4	8.8	19.8	69.7	31.9	101.4	4.2	3.9	31.8
	LOUISIANA	382	56	5.8	34.5	3.7	7.0	20.9	73.5	33.6	106.8	9.6	5.4	54.7
	OKLAHOMA	470	62	7.0	40.6	4.6	8.0	23.3	80.2	33.7	113.7	5.5	5.9	57.1
	TEXAS	1 845	284	33.7	196.5	21.4	40.9	116.7	384.1	194.7	577.5	28.2	29.6	282.5
	WEST REGION	5 898	1 042	123.5	862.6	74.3	133.9	493.3	1 658.2	760.0	2 414.2	83.9	109.2	1 205.1
	MOUNTAIN DIVISION	1 291	203	22.7	138.9	13.2	24.3	80.5	261.8	114.5	375.7	11.3	20.6	212.6
	MONTANA	112	13	1.5	8.9	.9	1.6	5.2	16.4	4.5	20.9	.3	1.5	12.1
	IDAHO	110	13	1.5	8.6	1.0	1.7	5.4	15.6	4.7	20.3	1.2	1.4	16.1
	WYOMING	52	11	.7	3.7	.4	.7	2.1	6.3	2.1	8.4	.7	.7	6.1
	COLORADO	423	70	8.3	55.3	4.8	9.0	32.5	97.9	49.0	146.2	4.2	7.6	75.6
	NEW MEXICO	117	19	1.5	8.7	.9	1.5	4.7	16.8	5.6	22.4	.6	1.5	14.2
	ARIZONA	251	39	4.6	27.7	2.7	5.0	15.8	55.2	25.1	80.4	1.7	4.1	44.9
	UTAH	151	27	2.9	17.2	1.6	2.9	8.9	34.7	16.8	51.7	2.2	2.7	31.4
	NEVADA	75	11	1.6	8.8	1.0	2.0	5.9	18.7	6.6	25.4	.3	1.2	12.2
	PACIFIC DIVISION	4 607	839	100.9	723.8	61.1	109.6	412.8	1 396.5	645.6	2 038.5	72.5	88.5	992.5
	WASHINGTON	490	78	9.8	67.3	5.8	10.2	39.3	120.3	49.4	169.5	7.2	8.5	87.1
	OREGON	342	60	5.8	36.9	3.5	6.1	20.1	75.6	33.9	109.4	3.7	5.3	55.8
	CALIFORNIA	3 660	677	82.7	603.0	50.2	90.5	344.2	1 167.2	549.6	1 713.5	59.9	72.6	829.0
	ALASKA	34	4	.5	3.5	.3	.7	1.9	6.4	2.6	9.0	.4	.4	3.9
	HAWAII	81	20	2.0	13.0	1.2	2.1	7.4	27.0	10.0	37.0	1.3	1.7	16.8
271	NEWSPAPERS	8 094	2 029	335.9	2 223.7	169.2	302.0	1 121.5	4 184.7	1 573.7	5 757.1	246.7	306.4	3 201.9
	NORTHEAST REGION	1 430	467	93.0	661.4	47.4	83.9	339.0	1 172.3	452.3	1 623.6	58.8	85.7	911.8
	NEW ENGLAND DIVISION	387	141	24.5	165.4	11.9	22.1	80.9	299.3	94.8	393.9	12.9	23.1	227.5
	MAINE	47	14	1.7	10.0	1.0	1.7	5.2	18.2	4.3	22.4	.6	1.6	14.7
	NEW HAMPSHIRE	39	16	1.2	7.3	.7	1.2	3.9	13.0	2.4	15.4	.4	1.2	9.4
	VERMONT	20	9	.6	3.6	.4	.7	1.8	6.6	1.4	7.9	1.2	.6	5.6
	MASSACHUSETTS	185	58	13.6	95.6	6.5	12.2	46.1	173.9	58.6	232.3	6.6	13.0	131.1
	RHODE ISLAND	22	8	1.8	13.1	.9	1.6	6.4	22.5	7.7	30.2	1.0	1.6	16.5
	CONNECTICUT	74	36	5.6	35.9	2.5	4.6	17.4	65.2	20.5	85.6	3.1	5.1	50.3

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
271	NEWSPAPERS--CONTINUED													
	MIDDLE ATLANTIC DIVISION	1 043	326	68.5	496.0	35.5	61.8	258.2	873.0	357.4	1 229.7	45.9	62.6	684.3
	NEW YORK	509	129	36.0	273.1	19.3	32.4	146.6	473.7	214.6	688.1	18.5	32.9	374.2
	NEW JERSEY	196	69	10.9	72.5	4.9	9.0	34.1	140.1	40.1	180.0	15.1	9.5	107.3
	PENNSYLVANIA	338	128	21.7	150.3	11.3	20.5	77.5	259.2	102.7	361.6	12.3	20.3	202.8
	NORTH CENTRAL REGION	3 060	678	98.1	644.1	50.6	92.3	339.2	1 227.4	452.7	1 680.0	67.7	91.3	960.5
	EAST NORTH CENTRAL DIVISION	1 585	453	69.1	467.6	34.6	63.9	245.3	889.4	331.8	1 221.1	41.4	63.1	686.9
	OHIO	327	123	18.2	128.8	9.5	18.3	69.6	238.1	87.0	325.1	9.9	16.2	184.2
	INDIANA	253	74	9.4	59.6	5.0	9.0	33.6	116.1	35.3	151.3	4.7	8.6	86.5
	ILLINOIS	456	124	21.6	145.5	11.2	20.1	79.9	271.8	112.9	384.6	11.6	19.5	208.2
	MICHIGAN	305	80	11.9	87.5	5.5	10.2	40.5	178.5	62.4	240.9	8.9	11.3	140.3
	WISCONSIN	244	52	8.0	46.1	3.5	6.4	21.7	84.9	34.2	119.1	6.4	7.4	67.7
	WEST NORTH CENTRAL DIVISION	1 475	225	29.0	176.5	15.9	28.4	93.9	338.0	120.9	458.9	26.3	28.2	273.6
	MINNESOTA	280	42	6.8	42.8	3.3	5.6	20.3	81.7	28.3	110.0	5.0	6.5	65.1
	IOWA	306	52	5.8	32.8	3.2	5.7	17.2	63.8	17.6	81.4	5.2	6.0	55.1
	MISSOURI	295	53	8.0	54.4	4.5	8.2	31.1	103.3	47.7	151.0	12.1	7.6	81.4
	NORTH DAKOTA	74	12	1.2	6.5	.7	1.3	3.8	11.7	2.6	14.2	.5	1.0	8.9
	SOUTH DAKOTA	114	10	1.0	5.4	.7	1.2	3.2	11.3	2.8	14.1	.4	1.2	9.8
	NEBRASKA	170	18	2.6	15.0	1.6	2.9	7.9	30.1	10.8	40.8	1.4	2.6	26.5
	KANSAS	236	38	3.5	19.5	1.9	3.5	10.4	36.1	11.2	47.3	1.7	3.3	26.8
	SOUTH REGION	2 341	512	82.9	493.7	42.2	74.9	240.5	963.4	374.5	1 337.7	81.5	73.8	726.6
	SOUTH ATLANTIC DIVISION	935	253	44.1	271.3	21.7	38.6	126.9	516.1	203.5	719.6	38.8	38.8	385.8
	DELAWARE	15	4	.8	5.8	.4	.7	3.0	10.5	2.8	13.3	1.3	(D)	(D)
	MARYLAND	70	20	4.7	33.2	2.2	3.9	15.7	60.8	23.9	84.7	1.9	4.3	43.0
	DISTRICT OF COLUMBIA	22	5	4.9	38.6	2.6	3.7	18.8	69.8	36.9	106.7	2.3	4.8	55.6
	VIRGINIA	120	38	5.3	31.4	2.7	4.7	14.6	56.5	20.6	77.1	1.9	4.8	46.6
	WEST VIRGINIA	88	20	2.6	13.4	1.5	2.8	7.4	24.7	8.0	32.7	3.2	2.3	19.2
	NORTH CAROLINA	164	56	5.9	34.1	3.2	6.0	17.3	62.7	20.9	83.6	3.7	5.2	45.1
	SOUTH CAROLINA	74	17	2.4	14.2	1.2	2.2	6.1	28.1	8.3	36.5	3.3	(D)	(D)
	GEORGIA	174	33	5.0	28.8	2.7	5.1	15.4	60.2	24.8	85.0	2.6	4.3	44.2
	FLORIDA	208	60	12.5	71.8	5.3	9.6	28.7	142.8	57.4	200.2	18.6	10.2	101.1
	EAST SOUTH CENTRAL DIVISION	474	87	13.2	79.4	6.8	12.2	38.8	154.3	53.9	208.2	11.9	12.0	118.5
	KENTUCKY	149	22	3.2	21.0	1.6	3.0	9.7	37.4	15.7	53.1	2.4	3.0	29.4
	TENNESSEE	124	27	5.5	32.2	2.7	4.7	16.3	59.2	20.2	79.4	6.7	4.5	45.3
	ALABAMA	99	23	3.0	18.2	1.5	2.8	9.0	41.0	13.2	54.2	1.3	2.9	31.4
	MISSISSIPPI	102	15	1.6	8.0	.9	1.6	3.8	16.7	4.8	21.4	1.6	1.5	12.5
	WEST SOUTH CENTRAL DIVISION	932	172	25.5	143.0	13.7	24.1	74.8	293.0	117.0	409.9	30.8	23.0	222.2
	ARKANSAS	112	23	2.2	10.8	1.3	2.5	6.0	21.1	6.9	28.0	2.1	2.1	15.7
	LOUISIANA	107	20	3.5	20.5	1.9	3.5	11.6	48.8	19.3	67.9	8.7	3.2	36.0
	OKLAHOMA	187	31	4.4	23.5	2.7	4.3	13.3	45.5	16.8	62.4	2.2	3.6	34.0
	TEXAS	526	98	15.5	88.2	7.7	13.7	43.8	177.7	74.0	251.6	17.8	14.1	136.5
	WEST REGION	1 263	372	61.8	424.5	29.0	50.8	202.8	821.5	294.2	1 115.7	38.6	55.7	603.6
	MOUNTAIN DIVISION	456	97	13.8	82.8	7.0	12.7	44.3	159.0	56.7	215.7	5.9	12.4	128.0
	MONTANA	74	10	1.3	7.5	.7	1.2	4.3	13.9	2.9	16.8	.2	1.2	9.7
	IDAHO	63	10	1.2	6.4	.7	1.2	3.9	11.8	3.0	14.9	1.0	1.0	9.7
	WYOMING	35	9	.5	2.9	.3	.5	1.6	5.1	1.1	6.3	.6	.5	4.7
	COLORADO	116	25	4.4	28.9	2.2	4.0	15.7	44.9	22.0	66.9	2.5	3.9	36.0
	NEW MEXICO	43	13	1.1	6.2	.6	1.0	3.1	12.7	3.1	15.7	.4	1.0	10.5
	ARIZONA	61	15	2.8	16.2	1.2	2.3	7.4	35.6	12.0	47.6	.5	2.6	31.3
	UTAH	36	9	1.3	8.1	.6	1.1	4.2	20.6	8.2	28.8	.6	1.2	16.9
	NEVADA	28	6	1.2	6.7	.7	1.3	4.2	14.3	4.3	18.6	.1	.9	9.2
	PACIFIC DIVISION	807	275	48.0	341.7	22.0	38.2	158.4	662.6	237.5	900.1	32.7	43.2	475.6
	WASHINGTON	148	30	5.8	40.6	2.8	4.7	20.3	73.5	23.5	96.9	4.9	5.3	56.2
	OREGON	110	28	3.3	20.1	1.6	2.8	9.2	40.5	15.2	55.7	1.9	3.3	32.1
	CALIFORNIA	516	207	37.3	270.9	16.8	29.2	123.6	526.1	193.0	719.1	24.9	33.3	372.7
	ALASKA[e]	14	3	.4	2.7	.2	.5	1.3	4.7	1.4	6.1	.2	.3	3.1
	HAWAII	19	7	1.2	7.6	.6	1.1	4.0	17.8	4.5	22.3	.8	1.1	11.6
272	PERIODICALS	2 510	454	79.1	633.7	14.5	25.2	80.5	1 868.7	1 234.1	3 095.9	58.0	67.7	1 349.0
	NORTHEAST REGION	929	187	45.9	390.9	5.8	10.2	32.0	1 241.9	921.8	2 154.5	24.4	38.9	942.2
	NEW ENGLAND DIVISION	147	17	2.5	17.1	.3	.4	1.3	39.4	58.2	98.7	.9	2.3	26.8
	MASSACHUSETTS[e]	80	8	.8	5.1	.2	.4	1.1	13.2	6.1	19.3	.1	.6	9.8
	CONNECTICUT	42	7	1.6	11.4	(Z)	(Z)	.2	23.7	50.2	75.1	.7	1.6	16.2
	MIDDLE ATLANTIC DIVISION	782	170	43.4	373.8	5.5	9.7	30.7	1 202.4	863.6	2 055.8	23.5	36.6	915.4
	NEW YORK	595	133	34.2	310.0	2.7	4.3	15.1	977.0	698.0	1 669.8	20.4	29.1	766.7
	NEW JERSEY	87	17	3.4	22.3	.3	.4	.9	62.4	74.1	131.5	.7	.8	14.9
	PENNSYLVANIA	100	20	5.8	41.4	2.5	5.1	14.7	163.0	91.5	254.4	2.4	6.7	133.8
	NORTH CENTRAL REGION	695	162	20.6	152.2	6.0	11.0	36.1	391.6	183.3	576.5	22.7	17.5	252.1
	EAST NORTH CENTRAL DIVISION	496	124	13.5	103.9	3.0	5.2	16.3	265.3	128.6	393.4	19.4	10.6	165.3
	OHIO	94	27	4.5	32.2	1.2	2.2	7.0	77.2	28.1	104.9	3.4	3.1	47.1
	INDIANA	39	9	.9	5.5	.5	.9	2.8	12.0	4.9	17.0	1.7	.4	4.4
	ILLINOIS	240	71	7.0	57.1	.8	1.4	4.3	151.4	81.7	232.9	13.6	5.9	93.3
	MICHIGAN	64	8	.4	3.8	.1	.1	.5	11.6	6.2	17.9	.6	.6	9.8
	WISCONSIN	59	9	.8	5.4	.3	.6	1.6	13.1	7.6	20.6	.1	.7	10.7

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
272	PERIODICALS--CONTINUED													
	WEST NORTH CENTRAL DIVISION	199	38	70	48.3	3.0	5.8	19.9	126.3	54.6	183.1	3.3	6.9	86.8
	MINNESOTA	55	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	12.9
	IOWA	34	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	69	21	3.1	18.8	1.4	2.7	8.6	38.0	20.4	60.8	1.2	2.6	25.4
	KANSAS	23	2	.3	1.4	.1	.1	.3	3.6	3.1	6.6	(Z)	(D)	2.6
	SOUTH REGION	508	59	8.5	62.3	1.6	2.5	6.6	154.2	89.3	244.2	10.1	7.7	105.9
	SOUTH ATLANTIC DIVISION	266	32	5.4	44.0	.6	.7	2.2	114.9	66.7	181.1	9.6	4.8	75.1
	MARYLAND	21	4	.6	4.5	(Z)	.1	.2	13.4	9.0	22.4	.4	.7	7.5
	DISTRICT OF COLUMBIA	78	16	3.8	32.4	.1	.1	.4	82.7	50.7	133.0	8.9	3.3	57.2
	VIRGINIA[e]	18	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	1.2
	NORTH CAROLINA	29	3	.2	1.0	.1	.2	.4	2.5	1.0	3.5	.2	.1	1.4
	GEORGIA	35	6	.4	3.5	.1	.2	.7	8.7	2.3	11.0	(D)	.4	4.6
	FLORIDA[e]	70	1	.2	1.7	.1	.1	.3	5.1	2.3	7.4	(Z)	.2	3.0
	EAST SOUTH CENTRAL DIVISION	76	14	2.0	10.5	.6	1.0	2.2	21.4	13.6	36.2	.3	1.9	15.7
	KENTUCKY	22	5	.2	1.1	.1	.2	.3	2.3	1.3	3.5	(D)	.2	1.5
	TENNESSEE	37	8	1.7	9.0	.5	.8	1.8	18.1	11.7	31.1	.3	1.5	13.2
	WEST SOUTH CENTRAL DIVISION	166	13	1.1	7.8	.5	.8	2.2	17.9	9.0	26.9	.2	1.0	15.1
	OKLAHOMA	20	2	.3	2.4	.1	.2	.6	5.5	1.2	6.7	.1	.1	4.2
	TEXAS	105	7	.7	4.3	.3	.5	1.2	9.7	6.5	16.1	.1	.7	8.9
	WEST REGION	378	46	4.1	28.4	1.1	1.5	5.7	81.1	39.8	120.8	.7	3.5	48.8
	MOUNTAIN DIVISION	69	8	1.0	6.0	.3	.4	1.9	19.0	5.7	24.5	.2	1.0	13.3
	COLORADO	23	4	.6	4.6	.2	.3	1.5	15.3	4.1	19.3	.1	.7	10.1
	PACIFIC DIVISION	309	38	3.1	22.4	.8	1.0	3.8	62.2	34.2	96.2	.5	2.5	35.4
	WASHINGTON[e]	32	4	.3	1.8	.1	.2	.7	3.8	1.9	5.7	(Z)	.2	1.9
	CALIFORNIA	247	30	2.6	19.3	.6	.7	2.7	55.2	31.0	86.1	.3	2.2	31.8
273	BOOKS	1 766	603	96.5	688.0	49.9	98.1	304.5	1 967.4	1 035.8	2 922.2	101.0	82.9	1 354.0
	NORTHEAST REGION	840	292	47.7	355.7	20.1	39.3	127.5	1 163.7	607.2	1 707.5	43.7	43.5	802.0
	NEW ENGLAND DIVISION	136	50	10.4	69.2	6.5	12.6	39.7	193.4	84.6	274.1	14.4	8.2	135.3
	NEW HAMPSHIRE	13	3	.2	1.1	.1	.2	.7	1.5	.6	2.1	.1	.1	1.1
	VERMONT	8	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	6.5
	MASSACHUSETTS	77	31	8.3	56.0	4.7	9.1	29.2	169.6	74.2	239.6	12.9	6.5	119.3
	RHODE ISLAND	8	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	25	7	.4	2.6	.3	.6	1.7	5.8	3.0	8.7	.2	(D)	(D)
	MIDDLE ATLANTIC DIVISION	704	242	37.3	286.5	13.6	26.7	87.8	970.3	522.6	1 433.4	29.3	35.3	666.8
	NEW YORK	527	175	29.1	232.0	8.7	16.7	58.0	785.7	438.5	1 179.8	22.5	24.5	534.4
	NEW JERSEY	68	25	3.1	21.0	1.4	2.7	9.0	115.9	45.6	147.1	3.1	6.9	85.1
	PENNSYLVANIA	109	42	5.2	33.5	3.5	7.2	20.9	68.7	38.4	106.5	3.8	3.9	47.2
	NORTH CENTRAL REGION	430	161	30.9	222.7	17.4	33.8	107.6	591.8	311.4	886.7	46.7	27.0	423.6
	EAST NORTH CENTRAL DIVISION	328	122	25.6	186.3	13.8	27.3	87.3	527.7	275.2	788.0	44.8	21.7	369.9
	OHIO	53	20	4.0	29.1	2.8	5.7	17.4	73.5	35.0	105.5	5.2	3.6	48.9
	INDIANA	44	17	6.5	41.8	4.9	9.5	30.3	75.0	44.1	121.5	8.5	5.3	47.8
	ILLINOIS	149	54	9.2	72.6	2.5	4.9	15.7	291.6	130.3	409.9	19.4	9.0	218.2
	MICHIGAN	57	18	2.0	13.2	1.3	2.3	7.1	29.5	20.9	48.9	7.0	1.1	11.2
	WISCONSIN	25	13	3.9	29.7	2.5	4.8	16.7	58.1	45.0	102.3	4.7	2.8	43.8
	WEST NORTH CENTRAL DIVISION	102	39	5.3	36.3	3.5	6.5	20.3	64.1	36.2	98.7	1.9	5.3	53.6
	MINNESOTA	28	10	2.7	19.6	1.9	3.5	11.6	28.4	15.6	43.4	1.2	2.2	22.1
	IOWA	16	6	.4	2.5	.2	.5	1.4	6.2	4.1	10.0	.3	(D)	(D)
	MISSOURI	40	19	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	23.3
	SOUTH REGION	286	98	13.5	77.1	10.2	20.3	52.9	150.6	81.6	231.2	8.6	9.0	84.3
	SOUTH ATLANTIC DIVISION	158	52	6.1	38.4	4.6	8.7	26.2	70.2	42.0	111.5	2.9	4.5	41.9
	MARYLAND	35	18	2.3	15.3	1.8	3.5	10.8	27.7	16.1	43.2	1.2	1.1	11.1
	DISTRICT OF COLUMBIA	32	11	1.3	8.9	.9	1.6	6.0	15.2	11.7	27.1	.9	1.1	10.4
	VIRGINIA	23	6	.9	4.9	.8	1.5	3.4	9.8	4.4	14.0	.2	.9	6.7
	NORTH CAROLINA	10	2	.5	2.5	.4	.7	2.0	4.0	2.9	6.8	.3	.4	3.2
	SOUTH CAROLINA	7	2	.2	.8	.1	.2	.7	1.5	.7	2.2	(D)	.2	2.0
	GEORGIA	14	5	.4	2.6	.1	.3	.8	6.9	3.8	10.7	.1	.3	4.3
	FLORIDA	31	5	.4	2.7	.3	.6	1.9	4.2	2.0	6.2	.2	.4	3.3
	EAST SOUTH CENTRAL DIVISION	55	26	5.1	25.5	4.0	8.1	18.0	50.0	27.5	77.6	4.4	2.8	24.3
	KENTUCKY	13	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	24	16	3.6	18.0	2.7	5.7	12.5	36.4	20.6	57.6	2.8	1.9	19.7
	ALABAMA	17	7	.7	3.1	.5	1.0	2.0	8.0	3.4	11.4	.9	.3	2.1
	WEST SOUTH CENTRAL DIVISION	73	20	2.3	13.2	1.7	3.6	8.6	30.4	12.1	42.1	1.2	1.7	18.0
	TEXAS	49	13	2.0	10.8	1.5	3.1	7.4	25.2	9.3	34.1	1.0	1.3	13.1
	WEST REGION	210	52	4.5	32.5	2.4	4.7	16.6	61.5	35.6	96.7	2.0	3.5	42.9
	MOUNTAIN DIVISION	41	9	1.1	6.9	.5	1.0	3.2	8.8	9.0	17.9	.4	.8	10.1
	COLORADO	11	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA	9	3	.2	1.0	.1	.2	.7	2.5	1.5	4.0	.3	(Z)	.3
	UTAH	13	4	.6	3.2	.1	.2	.5	3.6	3.1	7.0	.1	.5	3.9
	PACIFIC DIVISION	169	43	3.4	25.6	1.9	3.7	13.4	52.7	26.6	78.8	1.6	2.7	32.8
	CALIFORNIA	152	38	3.1	24.0	1.7	3.3	12.3	49.2	24.7	73.5	1.5	2.5	30.7

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
274	MISCELLANEOUS PUBLISHING	1 493	204	31.1	197.4	15.0	25.6	79.7	417.5	184.5	605.3	10.0	22.6	252.9
	NORTHEAST REGION	591	82	12.1	78.8	3.7	5.9	20.8	152.4	60.0	222.2	4.0	9.5	113.6
	NEW ENGLAND DIVISION	92	14	1.4	6.9	.8	1.3	3.0	16.0	6.1	22.2	.7	1.1	11.2
	MASSACHUSETTS	46	7	.6	3.0	.4	.6	1.5	5.2	2.3	7.5	.1	.6	4.6
	CONNECTICUT	30	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	5.7
	MIDDLE ATLANTIC DIVISION	499	68	10.7	71.9	3.0	4.6	17.8	136.4	53.8	200.0	3.2	8.4	102.4
	NEW YORK	411	50	7.3	51.6	2.2	3.3	12.6	114.9	40.3	155.4	2.0	7.2	89.7
	NEW JERSEY	45	12	2.9	18.2	.4	.7	3.9	17.2	11.4	38.2	1.1	.8	8.9
	PENNSYLVANIA	43	6	.5	2.0	.4	.6	1.2	4.3	2.1	6.4	.1	.5	3.8
	NORTH CENTRAL REGION	386	63	11.5	75.5	6.3	11.6	34.3	179.6	94.4	270.6	4.1	7.4	92.0
	EAST NORTH CENTRAL DIVISION	276	51	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OHIO	57	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIANA	22	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	96	27	5.3	42.3	2.3	4.1	15.0	93.3	47.5	139.9	.9	4.2	67.9
	MICHIGAN	71	8	2.7	14.7	1.9	3.8	10.0	47.3	15.2	61.9	1.9	.6	4.2
	WISCONSIN	30	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.8
	WEST NORTH CENTRAL DIVISION	110	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MINNESOTA	28	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IOWA[c]	33	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.9
	MISSOURI	24	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	1.0
	KANSAS	14	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.0
	SOUTH REGION	267	27	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.8	20.3
	SOUTH ATLANTIC DIVISION	117	14	1.7	11.3	.7	1.3	4.0	21.2	7.1	26.7	.3	1.5	10.8
	DISTRICT OF COLUMBIA	20	3	.5	4.1	.1	.1	.4	7.0	3.2	10.0	.1	.4	4.3
	VIRGINIA	6	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	FLORIDA[c]	53	5	.3	1.7	.2	.3	1.0	2.9	1.9	4.8	.1	.2	1.4
	EAST SOUTH CENTRAL DIVISION	68	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	4.0
	TENNESSEE	49	3	.3	1.3	.1	.2	.5	2.9	1.7	4.7	(Z)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	82	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	5.5
	TEXAS	60	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	4.6
	WEST REGION	249	32	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.9	27.1
	MOUNTAIN DIVISION	27	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.0
	COLORADO	8	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	222	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.4	22.1
	WASHINGTON	16	4	.4	1.6	.3	.4	1.2	3.4	1.0	4.4	.1	.2	1.9
	CALIFORNIA	193	22	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	19.7
275	COMMERCIAL PRINTING	19 497	3 216	330.6	2 357.9	261.8	511.1	1 689.3	3 944.4	2 604.9	6 532.8	272.3	300.3	2 961.1
	NORTHEAST REGION	6 281	1 128	113.9	823.1	90.3	176.8	589.3	1 350.0	862.1	2 204.3	87.9	105.4	1 037.2
	NEW ENGLAND DIVISION	1 349	265	24.4	160.6	19.6	38.6	116.2	263.1	153.7	416.6	19.0	22.9	196.7
	MAINE	73	5	.5	2.8	.4	.8	1.8	5.9	3.8	9.7	.3	.5	4.0
	NEW HAMPSHIRE	70	5	1.3	7.9	1.1	2.1	6.5	10.9	7.3	18.3	.8	1.3	9.5
	VERMONT	52	7	.5	3.4	.5	.9	2.5	5.0	2.4	7.5	.6	.4	2.4
	MASSACHUSETTS	710	144	12.9	83.9	10.3	20.1	59.5	137.9	79.1	217.2	8.5	11.9	97.6
	RHODE ISLAND	119	20	1.6	11.0	1.3	2.7	8.0	16.7	13.2	29.9	2.7	1.4	12.6
	CONNECTICUT	325	84	7.6	51.5	6.1	12.1	37.8	86.6	47.8	134.0	6.1	7.4	70.5
	MIDDLE ATLANTIC DIVISION	4 932	863	89.6	662.5	70.7	138.2	473.1	1 086.9	708.3	1 787.7	68.9	82.5	840.5
	NEW YORK	3 021	528	50.8	385.6	40.6	79.8	274.9	665.9	421.6	1 084.4	40.4	47.2	507.8
	NEW JERSEY	794	135	13.6	103.9	11.1	22.0	77.0	164.7	108.1	272.2	7.1	11.8	117.0
	PENNSYLVANIA	1 117	200	25.1	173.0	18.9	36.4	121.2	256.4	178.6	431.1	21.4	23.6	215.7
	NORTH CENTRAL REGION	5 796	1 076	124.4	920.3	97.3	190.8	657.3	1 504.2	1 004.9	2 503.9	104.2	113.8	1 147.4
	EAST NORTH CENTRAL DIVISION	4 247	811	97.7	740.3	77.8	153.2	539.8	1 208.4	818.2	2 022.0	88.1	88.8	928.5
	OHIO	1 072	203	25.0	178.7	19.8	39.3	130.3	300.6	193.6	494.3	13.6	23.6	236.5
	INDIANA	425	66	6.8	45.2	5.5	11.0	32.1	81.8	50.6	132.0	6.6	5.8	54.4
	ILLINOIS	1 509	336	44.7	360.5	36.2	71.3	271.8	577.1	387.8	961.6	47.9	40.2	438.4
	MICHIGAN	785	128	11.4	83.5	8.9	17.2	57.4	137.2	100.2	237.0	9.7	10.0	112.2
	WISCONSIN	456	78	9.8	72.4	7.5	14.4	48.2	111.7	86.0	197.1	10.3	9.2	87.0
	WEST NORTH CENTRAL DIVISION	1 549	265	26.7	180.0	19.5	37.6	117.5	295.8	186.7	481.9	16.0	25.0	219.0
	MINNESOTA	371	81	11.1	77.2	7.3	14.1	46.7	122.9	66.3	189.5	4.6	10.4	90.4
	IOWA	241	30	2.6	15.4	2.0	3.8	10.0	26.5	17.5	44.0	1.0	2.7	21.3
	MISSOURI	519	98	8.2	58.0	6.5	12.6	40.4	97.7	66.7	163.9	4.8	7.7	73.2
	NORTH DAKOTA	40	5	.3	1.5	.2	.5	1.0	2.5	1.5	4.0	.2	.3	1.9
	SOUTH DAKOTA	47	8	.4	2.5	.3	.6	1.5	3.5	2.8	6.2	.2	.3	2.2
	NEBRASKA	138	22	2.0	12.0	1.5	2.8	8.1	20.4	14.8	35.0	1.8	2.1	16.7
	KANSAS	193	21	2.1	13.4	1.7	3.3	10.0	22.2	17.0	39.3	3.5	1.6	13.1

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
275	COMMERCIAL PRINTING--CONTINUED													
	SOUTH REGION	4 327	639	58.3	365.3	47.0	93.1	265.2	659.5	468.7	1 125.6	51.2	49.7	441.4
	SOUTH ATLANTIC DIVISION	2 156	351	30.5	192.3	24.8	49.1	140.5	362.3	255.9	616.5	30.3	25.0	230.0
	DELAWARE	32	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	5.5
	MARYLAND	284	60	5.5	37.5	4.5	8.8	27.3	61.8	39.0	100.6	11.0	5.3	48.5
	DISTRICT OF COLUMBIA	142	30	3.5	24.9	2.8	5.6	19.4	45.4	32.2	77.2	(D)	2.8	27.1
	VIRGINIA	272	46	4.4	25.6	3.6	7.2	19.4	48.7	41.5	91.1	4.1	3.5	26.9
	WEST VIRGINIA	88	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	17.0
	NORTH CAROLINA	332	51	4.1	22.8	3.3	6.6	15.6	42.6	34.3	76.5	2.8	3.0	27.2
	SOUTH CAROLINA	120	20	1.0	5.9	.8	1.7	4.2	9.7	5.0	14.7	.4	1.0	7.5
	GEORGIA	305	53	5.3	36.3	4.3	8.5	26.3	60.8	51.3	111.2	4.2	3.8	33.8
	FLORIDA	581	75	5.2	30.0	4.3	8.3	21.8	53.5	36.3	89.4	3.3	4.1	36.4
	EAST SOUTH CENTRAL DIVISION	724	120	13.6	86.1	11.2	22.2	65.7	147.3	113.7	261.0	11.3	11.7	100.5
	KENTUCKY	175	40	5.5	37.7	4.6	8.9	29.7	57.9	29.8	87.6	3.4	4.3	37.1
	TENNESSEE	282	48	5.3	32.2	4.2	8.5	23.5	57.4	40.8	98.3	6.4	(D)	(D)
	ALABAMA	167	24	2.0	12.2	1.7	3.5	9.7	25.0	39.0	63.9	1.1	1.6	13.3
	MISSISSIPPI	100	8	.8	4.0	.6	1.3	2.7	6.9	4.2	11.1	.3	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	1 447	168	14.2	86.9	11.0	21.8	59.0	149.9	99.1	248.1	9.7	13.1	110.9
	ARKANSAS	96	13	1.1	6.9	.8	1.6	4.4	11.3	6.9	18.1	.5	1.0	8.0
	LOUISIANA	195	24	1.8	10.8	1.4	2.8	7.3	18.5	11.0	29.4	.8	1.6	13.1
	OKLAHOMA	203	18	1.6	9.6	1.2	2.5	6.7	19.2	10.4	29.6	1.8	1.6	13.4
	TEXAS	953	113	9.7	59.5	7.5	14.9	40.6	100.9	70.8	171.0	6.5	8.9	76.4
	WEST REGION	3 093	373	34.1	249.2	27.1	50.3	177.5	430.7	269.4	698.9	29.0	31.4	333.2
	MOUNTAIN DIVISION	591	64	5.1	32.7	4.1	7.9	23.9	55.7	34.8	90.1	2.8	5.0	46.5
	MONTANA[e]	29	3	.2	1.3	.2	.3	.9	2.3	1.4	3.7	(D)	.3	2.2
	IDAHO	35	1	.2	1.5	.2	.3	1.1	2.7	1.2	4.0	.2	(D)	(D)
	COLORADO	227	30	2.3	14.8	1.8	3.4	10.5	24.9	15.5	40.0	1.0	2.2	20.3
	NEW MEXICO[e]	57	5	.3	1.8	.2	.5	1.3	3.2	2.1	5.3	.2	.3	2.8
	ARIZONA	122	12	1.1	7.0	.9	1.7	5.5	11.5	8.0	19.5	.7	.9	8.9
	UTAH	74	8	.7	3.8	.5	1.0	2.8	6.6	4.0	10.6	(D)	.7	7.6
	NEVADA	34	3	.3	1.7	.2	.5	1.4	3.5	1.8	5.4	(D)	.2	2.5
	PACIFIC DIVISION	2 502	309	29.0	216.5	23.0	42.3	153.6	375.0	234.5	608.8	26.2	26.4	286.7
	WASHINGTON	237	26	2.5	17.9	2.0	3.6	13.0	30.2	17.9	48.0	1.3	2.2	21.6
	OREGON	166	16	1.6	11.3	1.2	2.2	7.3	18.9	12.7	31.6	1.1	1.2	12.1
	CALIFORNIA	2 045	256	24.2	182.4	19.3	35.6	130.0	317.8	198.5	515.6	23.3	22.3	248.0
	HAWAII	40	10	.6	4.3	.4	.8	2.8	7.1	4.5	11.7	(D)	(D)	(D)
276	MANIFOLD BUSINESS FORMS	542	295	34.4	240.2	25.1	51.4	158.9	550.5	384.6	932.3	39.8	28.8	377.7
	NORTHEAST REGION	165	82	8.4	58.4	6.2	12.5	39.8	134.5	103.9	237.4	10.0	7.6	92.2
	NEW ENGLAND DIVISION	33	20	2.1	14.8	1.5	3.3	9.8	30.8	22.0	52.4	2.2	1.7	20.3
	NEW HAMPSHIRE	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VERMONT	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	13	8	.7	5.1	.5	1.0	2.9	7.7	5.9	13.6	.5	.8	6.6
	CONNECTICUT	11	7	.6	5.2	.5	1.1	3.9	12.1	8.6	20.4	.7	.5	8.5
	MIDDLE ATLANTIC DIVISION	132	62	6.3	43.6	4.7	9.2	30.0	103.8	81.9	185.0	7.8	5.9	71.9
	NEW YORK	77	32	3.0	21.6	2.2	4.3	14.7	46.6	36.0	82.2	1.4	3.4	41.7
	NEW JERSEY	20	7	.8	5.7	.6	.8	3.3	9.6	7.8	17.3	.6	1.1	9.1
	PENNSYLVANIA	35	23	2.5	16.3	2.0	4.2	12.1	47.5	38.1	85.4	5.8	1.5	21.2
	NORTH CENTRAL REGION	150	97	13.6	99.5	9.7	19.4	62.1	205.8	136.2	339.8	15.2	10.9	147.8
	EAST NORTH CENTRAL DIVISION	105	71	10.9	81.8	7.8	15.5	50.9	174.4	110.0	282.7	12.6	9.1	127.9
	OHIO	29	23	4.9	38.0	3.4	6.9	23.4	79.9	40.2	118.9	4.4	4.0	59.9
	INDIANA	8	5	.8	5.4	.6	1.2	3.3	15.4	10.4	25.8	.4	.6	12.1
	ILLINOIS	40	27	3.8	28.6	2.7	5.4	18.1	60.1	45.0	105.0	5.2	3.3	45.4
	MICHIGAN	17	9	.9	6.8	.6	1.2	4.1	10.0	6.9	16.8	1.2	.8	7.1
	WISCONSIN	11	7	.5	2.9	.4	.8	2.1	9.0	7.5	16.1	1.4	.3	3.5
	WEST NORTH CENTRAL DIVISION	45	26	2.7	17.8	1.9	3.9	11.2	31.4	26.2	57.1	2.7	1.8	19.9
	MINNESOTA	12	6	.4	2.9	.2	.4	1.3	3.9	4.1	8.0	.1	.3	2.0
	IOWA	6	5	.4	2.7	.4	.7	2.1	7.9	6.3	13.9	1.6	.3	5.0
	MISSOURI	17	9	.8	5.3	.6	1.2	3.7	8.5	6.8	15.2	.4	.8	8.5
	NEBRASKA	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	6	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.0
	SOUTH REGION	129	64	7.6	46.1	5.8	12.5	31.4	116.4	81.7	197.8	7.8	5.9	71.8
	SOUTH ATLANTIC DIVISION	68	36	3.6	22.2	2.9	6.2	14.9	55.5	42.2	97.3	4.3	2.6	31.1
	MARYLAND	12	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	7	5	.6	2.9	.5	.9	2.0	6.7	5.1	11.9	1.2	(D)	(D)
	WEST VIRGINIA	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	16	7	.7	3.5	.6	1.2	2.6	7.4	6.0	13.4	.6	.5	3.6
	SOUTH CAROLINA	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA[e]	11	6	.3	2.0	.3	.6	1.4	4.0	3.3	7.2	.2	.3	3.0
	FLORIDA	13	8	.4	3.1	.4	.8	1.8	5.1	3.9	9.1	.4	.4	3.4
	EAST SOUTH CENTRAL DIVISION	14	8	.8	4.2	.6	1.3	3.1	11.4	8.7	20.2	.5	.8	11.2
	KENTUCKY	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA	5	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	5.4
	WEST SOUTH CENTRAL DIVISION	47	20	3.2	19.6	2.3	5.0	13.4	49.5	30.9	80.4	3.0	2.5	29.6
	ARKANSAS	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA	7	3	.3	1.9	.2	.4	1.1	3.7	2.3	5.8	(D)	(D)	(D)
	TEXAS	30	12	2.4	14.3	1.7	3.6	9.9	36.2	23.3	59.7	1.4	2.0	23.5

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967										1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
276	MANIFOLD BUSINESS FORMS--CONTINUED													
	WEST REGION	98	52	4.8	36.2	3.6	6.9	25.6	93.8	62.8	157.3	6.8	4.4	65.8
	MOUNTAIN DIVISION	14	6	.4	2.6	.3	.5	1.5	4.4	3.1	7.5	1.4	.2	1.9
	PACIFIC DIVISION	84	46	4.5	33.7	3.3	6.4	24.0	89.4	59.7	149.8	5.5	4.2	63.9
	WASHINGTON	9	3	.2	1.4	.2	.3	1.1	2.9	2.9	5.7	.5	.2	1.9
	OREGON	9	5	.3	2.0	.3	.5	1.5	8.6	3.8	12.4	.3	.3	6.0
	CALIFORNIA	66	38	3.9	30.3	2.9	5.6	21.4	77.9	53.0	131.7	4.6	3.8	56.0
277	GREETING CARD PUBLISHING	222	92	27.6	150.6	16.4	31.3	75.0	372.3	171.9	517.9	14.9	21.5	204.6
	NORTHEAST REGION	119	48	7.4	35.3	5.7	10.3	22.1	97.0	60.6	148.0	2.9	8.8	73.4
	NEW ENGLAND DIVISION	30	16	3.7	18.0	2.5	4.3	9.5	45.1	23.0	65.8	1.3	3.9	28.9
	NEW HAMPSHIRE	5	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VERMONT	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	16	9	2.4	11.0	1.7	2.8	5.9	29.9	12.9	41.3	.6	2.6	19.4
	RHODE ISLAND	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	89	32	3.7	17.3	3.2	6.1	12.6	51.9	37.6	82.1	1.6	4.9	44.5
	NEW YORK	68	22	2.9	13.4	2.5	4.7	9.9	45.1	30.9	68.4	1.5	4.2	39.7
	NEW JERSEY	10	5	.3	1.9	.3	.5	1.1	4.2	3.1	7.3	.1	.2	2.4
	PENNSYLVANIA	11	5	.5	2.0	.5	.9	1.7	2.6	3.7	6.4	(Z)	.4	2.4
	NORTH CENTRAL REGION	61	28	16.5	98.1	8.0	15.7	42.6	220.4	87.2	292.4	9.6	11.3	116.5
	EAST NORTH CENTRAL DIVISION	42	19	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OHIO	11	7	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	24	10	1.6	7.5	1.2	2.3	5.1	12.8	7.8	21.8	.4	1.9	13.4
	MICHIGAN	6	2	.2	1.4	.2	.4	1.0	3.2	1.4	4.4	.1	(D)	(D)
	WEST NORTH CENTRAL DIVISION	19	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	9	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	7	6	2.0	10.9	1.7	3.4	8.9	26.4	2.8	27.6	3.0	(D)	(D)
	SOUTH REGION	16	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.1
	SOUTH ATLANTIC DIVISION	11	4	.3	1.9	.2	.4	1.1	3.9	2.6	6.4	.1	(D)	(D)
	MARYLAND	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KENTUCKY	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARKANSAS	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	26	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	11.6
	PACIFIC DIVISION	25	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	25	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	11.1
278	BLANKBOOKS AND BOOKBINDING	1 462	527	53.5	294.2	46.6	88.7	225.6	506.0	218.2	721.9	25.1	42.2	340.8
	NORTHEAST REGION	695	253	25.7	145.2	22.4	42.2	112.5	246.3	101.2	346.0	11.4	21.6	170.2
	NEW ENGLAND DIVISION	104	37	4.9	24.7	4.2	7.6	18.5	45.5	24.3	69.9	1.5	3.7	31.4
	MASSACHUSETTS	68	28	3.9	18.8	3.3	6.0	14.6	33.7	19.8	53.6	1.3	3.0	23.9
	CONNECTICUT	20	7	.9	5.3	.7	1.4	3.5	10.8	4.1	14.9	.2	.5	5.8
	MIDDLE ATLANTIC DIVISION	591	216	20.8	120.6	18.3	34.6	94.0	200.8	76.9	276.2	9.9	17.9	138.8
	NEW YORK	424	144	12.5	73.5	11.0	20.8	57.7	121.9	47.6	168.3	3.8	12.5	97.5
	NEW JERSEY	80	35	5.0	28.9	4.4	8.5	22.9	50.2	20.3	69.5	4.1	2.9	23.6
	PENNSYLVANIA	87	37	3.3	18.1	2.9	5.3	13.4	28.8	9.0	38.4	2.0	2.5	17.7
	NORTH CENTRAL REGION	366	152	17.0	92.4	14.7	28.5	70.0	163.8	71.9	235.3	8.4	12.8	106.9
	EAST NORTH CENTRAL DIVISION	270	120	13.3	72.2	11.6	22.3	54.6	123.1	53.9	176.6	5.8	10.1	83.3
	OHIO	51	18	1.3	7.4	1.2	2.3	5.5	12.7	4.5	17.3	.6	1.1	9.5
	INDIANA	23	11	1.2	5.9	1.1	2.1	4.3	10.2	3.7	13.9	.4	(D)	(D)
	ILLINOIS	142	61	8.2	44.9	7.2	13.8	34.3	75.1	38.2	113.1	3.3	6.1	51.6
	MICHIGAN	36	22	1.8	9.7	1.5	2.9	7.4	17.4	5.5	22.8	1.2	(D)	(D)
	WISCONSIN	18	8	.8	4.3	.7	1.3	3.1	7.7	2.0	9.6	.2	(D)	(D)
	WEST NORTH CENTRAL DIVISION	96	32	3.6	20.2	3.2	6.2	15.4	40.6	18.0	58.7	2.6	2.7	23.6
	MINNESOTA	24	6	.8	4.8	.7	1.3	3.5	9.3	4.2	13.4	.4	.5	4.9
	IOWA	12	2	.2	1.4	.2	.4	1.0	2.3	1.7	3.9	.7	.2	1.5
	MISSOURI	43	20	2.1	10.8	1.8	3.4	8.2	23.1	10.5	33.9	1.0	1.6	13.4
	KANSAS	8	3	.5	2.9	.4	.9	2.4	5.4	1.4	6.8	.5	.3	3.3
	SOUTH REGION	203	72	6.1	29.1	5.3	10.1	22.0	46.6	21.6	68.1	2.4	4.6	32.2
	SOUTH ATLANTIC DIVISION	117	42	3.9	19.5	3.4	6.6	14.5	30.0	12.3	42.3	1.4	3.0	19.2
	MARYLAND	20	10	1.4	7.4	1.2	2.3	5.5	11.4	3.6	14.9	.4	(D)	(D)
	VIRGINIA	12	3	.2	1.1	.2	.4	.8	2.2	1.3	3.6	.1	(D)	(D)
	NORTH CAROLINA	17	8	.6	2.4	.6	1.0	1.8	3.0	1.4	4.4	.2	.5	2.1
	GEORGIA	19	9	.8	5.0	.7	1.6	3.4	7.6	3.8	11.4	.3	.5	5.2
	FLORIDA	35	9	.6	2.5	.6	1.1	2.1	4.3	1.8	6.1	.4	.3	1.7
	EAST SOUTH CENTRAL DIVISION	23	6	.4	2.0	.4	.7	1.6	3.3	2.1	5.4	.3	.4	2.6
	TENNESSEE	9	5	.3	1.7	.3	.6	1.4	2.5	1.7	4.2	.2	.2	1.2

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
278	BLANKBOOKS AND BOOKBINDING--CONTINUED													
	WEST SOUTH CENTRAL DIVISION	63	24	1.8	7.7	1.5	2.7	5.8	13.3	7.1	20.4	.7	1.2	10.4
	TEXAS	36	17	1.4	6.2	1.2	2.2	4.7	11.3	5.8	17.1	.6	1.0	8.5
	WEST REGION	198	50	4.8	27.4	4.1	8.0	21.1	49.3	23.6	72.4	2.9	3.3	31.5
	MOUNTAIN DIVISION	28	7	.4	1.9	.4	.7	1.5	2.7	1.6	4.2	.1	.4	2.6
	ARIZONA[e]	12	4	.2	.8	.2	.3	.6	1.2	.9	2.1	.1	.2	1.2
	UTAH	4	2	.2	.7	.2	.3	.6	.8	.5	1.3	(Z)	(D)	(D)
	PACIFIC DIVISION	170	43	4.4	25.5	3.7	7.2	19.6	46.6	22.0	68.2	2.8	2.9	28.9
	WASHINGTON	12	4	.3	1.6	.3	.5	1.3	2.7	.9	3.5	.3	(D)	(D)
	OREGON	8	4	.2	1.1	.2	.3	.8	2.2	.6	2.9	(D)	.1	.9
	CALIFORNIA	147	35	3.8	22.7	3.3	6.4	17.4	41.6	20.5	61.7	2.3	2.7	27.3
279	PRINTING TRADE SERVICES	2 403	615	42.2	365.8	32.9	62.7	276.4	543.7	110.8	653.1	20.2	40.7	434.4
	NORTHEAST REGION	855	269	19.4	172.1	15.2	29.1	131.1	255.2	48.3	302.5	9.2	19.0	199.0
	NEW ENGLAND DIVISION	184	50	3.4	28.6	2.7	5.3	22.1	41.9	7.3	48.8	1.4	3.3	33.1
	NEW HAMPSHIRE	8	2	.2	1.2	.2	.3	1.0	1.6	.2	2.0	.1	.2	2.0
	MASSACHUSETTS	97	27	1.6	12.7	1.3	2.4	9.9	18.1	3.1	21.1	.5	1.5	14.3
	RHODE ISLAND	16	4	.2	1.5	.1	.3	1.0	2.3	.3	2.7	.1	.2	2.5
	CONNECTICUT	57	15	1.2	12.0	1.0	2.0	9.1	18.6	3.5	21.3	.7	1.2	13.6
	MIDDLE ATLANTIC DIVISION	671	219	16.1	143.5	12.5	23.9	109.0	213.3	41.0	253.7	7.8	15.7	165.9
	NEW YORK	443	156	11.0	103.9	8.5	16.2	79.0	155.4	30.3	185.2	5.9	10.6	120.2
	NEW JERSEY	92	16	1.0	8.3	.7	1.4	6.0	12.3	2.5	14.8	.4	1.0	9.6
	PENNSYLVANIA	136	47	4.0	31.3	3.3	6.3	24.0	45.6	8.2	53.7	1.5	4.1	36.1
	NORTH CENTRAL REGION	722	194	13.3	118.1	10.3	19.3	87.8	172.4	38.6	211.1	6.7	12.9	143.6
	EAST NORTH CENTRAL DIVISION	554	166	11.1	100.7	8.6	16.3	75.1	146.5	33.4	180.0	5.6	10.8	121.8
	OHIO	133	39	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	23.2
	INDIANA	52	14	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	7.7
	ILLINOIS	226	76	5.7	53.5	4.5	8.5	40.9	77.0	15.2	92.3	2.5	5.4	63.3
	MICHIGAN	96	26	2.1	20.0	1.6	2.9	14.3	29.2	9.9	39.0	1.7	1.8	22.3
	WISCONSIN	47	11	.5	4.2	.4	.7	3.0	6.1	1.4	7.5	.3	.6	5.2
	WEST NORTH CENTRAL DIVISION	168	28	2.2	17.3	1.7	3.0	12.6	25.9	5.1	31.1	1.0	2.1	21.9
	MINNESOTA	36	10	.7	6.1	.5	1.0	4.6	8.8	1.6	10.5	.3	.6	7.0
	IOWA	21	1	.2	1.1	.1	.3	.9	1.7	.4	2.2	.1	.2	2.0
	MISSOURI	76	13	1.0	7.7	.7	1.3	5.5	11.4	2.2	13.6	.4	(D)	(D)
	NEBRASKA	17	2	.2	1.1	.1	.2	.8	1.8	.4	2.2	.1	.1	1.1
	KANSAS	14	2	.2	1.2	.1	.3	.9	2.0	.4	2.4	.1	.1	1.5
	SOUTH REGION	443	95	5.8	44.2	4.6	9.1	33.7	67.0	14.2	81.1	2.5	5.4	51.2
	SOUTH ATLANTIC DIVISION	240	58	3.3	25.5	2.7	5.3	19.5	38.0	8.4	46.3	1.5	3.1	28.8
	MARYLAND	50	16	.9	7.2	.7	1.5	5.8	10.6	1.6	12.2	.4	.7	6.7
	DISTRICT OF COLUMBIA	24	14	.6	5.2	.5	1.0	3.9	7.5	1.5	9.0	.6	.6	6.1
	VIRGINIA	30	7	.5	3.5	.4	.9	2.9	5.2	1.8	7.1	.2	.4	4.7
	NORTH CAROLINA	29	6	.3	2.2	.3	.5	1.6	3.4	.7	4.0	.1	.4	2.9
	GEORGIA	29	6	.4	3.1	.3	.5	2.0	4.2	1.1	5.3	.1	.4	3.5
	FLORIDA	66	9	.6	4.1	.4	1.0	3.0	6.5	1.6	8.0	.2	.5	4.2
	EAST SOUTH CENTRAL DIVISION	72	14	1.0	7.0	.8	1.6	5.6	10.4	2.3	12.6	.3	.9	8.2
	TENNESSEE	34	11	.7	5.4	.6	1.2	4.4	7.8	1.7	9.4	.3	.7	6.2
	WEST SOUTH CENTRAL DIVISION	131	23	1.5	11.6	1.1	2.2	8.6	18.7	3.6	22.2	.6	1.3	14.2
	TEXAS	84	17	1.1	9.0	.9	1.7	6.7	14.2	2.7	16.8	.5	(D)	(D)
	WEST REGION	383	57	3.7	31.5	2.9	5.2	23.9	49.0	9.7	58.5	1.9	3.5	40.6
	MOUNTAIN DIVISION	64	7	.5	3.6	.4	.7	2.8	5.9	1.4	7.3	.3	.4	4.8
	COLORADO	25	3	.2	1.5	.1	.2	1.1	2.7	.4	3.0	.1	.2	2.2
	ARIZONA	13	2	.2	1.3	.1	.3	1.0	1.6	.8	2.5	.1	.1	1.3
	PACIFIC DIVISION	319	50	3.2	27.9	2.5	4.5	21.1	43.1	8.2	51.2	1.6	3.1	35.8
	WASHINGTON	25	4	.2	1.5	.2	.2	1.0	2.2	.4	2.7	.1	.2	2.2
	CALIFORNIA	269	44	2.9	25.0	2.2	4.0	19.1	38.7	7.4	46.0	1.4	2.7	31.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TABLE 3. Detailed Statistics: 1967

Item	Printing and publishing (SIC 27)	Newspapers (SIC 271)	Periodicals (SIC 272)	Books (SIC 273)	Miscellaneous publishing (SIC 274)	Commerical printing (SIC 275)	Manifold business forms (SIC 276)	Greeting card publishing (SIC 277)	Blankbooks and bookbinding (SIC 278)	Printing trades services (SIC 279)
ESTABLISHMENTS, TOTAL ..... NUMBER	37 989	8 694	2 510	1 766	1 493	19 497	542	222	1 462	2 403
WITH 1 TO 19 EMPLOYEES ..... DO	29 954	6 065	2 056	1 163	1 289	16 281	247	130	935	1 788
WITH 20 TO 99 EMPLOYEES ..... DO	6 250	1 453	331	419	153	2 694	196	53	395	556
WITH 100 EMPLOYEES OR MORE ..... DO	1 785	576	123	184	51	522	99	39	132	59
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	1 031.0	335.9	79.1	96.5	31.1	330.6	34.4	27.6	53.5	42.2
PAYROLL FOR YEAR, ALL EMPLOYEES ... MILLION DOLLARS	7 151.5	2 223.7	633.7	688.0	197.4	2 357.9	240.2	150.6	294.2	365.8
PRODUCTION WORKERS:										
AVERAGE FOR YEAR 1,000	631.6	169.2	14.5	49.9	15.0	261.8	25.3	16.4	46.6	32.9
MARCH ..... DO	633.3	172.2	14.9	50.8	16.4	259.8	25.0	14.8	46.3	33.1
MAY ..... DO	631.0	169.2	14.2	51.2	14.8	261.1	25.0	16.0	46.6	32.9
AUGUST ..... DO	630.3	167.8	14.4	50.2	14.3	260.6	25.7	17.1	47.5	32.7
NOVEMBER ..... DO	633.8	169.1	14.6	48.0	14.4	265.7	25.4	17.7	45.9	33.0
MAN-HOURS ..... MILLIONS	1 196.1	302.0	25.2	98.1	25.6	511.1	51.4	31.3	88.7	62.7
JANUARY-MARCH ..... DO	298.9	75.1	6.5	25.3	6.7	127.7	12.8	7.1	21.8	15.9
APRIL-JUNE ..... DO	298.6	75.3	6.2	25.3	6.3	126.7	12.7	7.9	22.5	15.7
JULY-SEPTEMBER ..... DO	296.7	74.7	6.2	24.2	6.2	126.6	12.7	8.2	22.4	15.5
OCTOBER-DECEMBER ..... DO	302.2	76.9	6.3	23.4	6.4	130.1	13.2	8.1	22.1	15.7
WAGES ..... MILLION DOLLARS	4 011.3	1 121.5	80.5	304.5	79.7	1 689.3	158.9	75.0	225.6	276.4
COST OF MATERIALS, ETC.,[1] TOTAL ..... DO	7 518.5	1 573.6	1 234.1	1 035.8	184.5	2 605.0	384.6	171.9	218.2	110.8
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED ... DO	5 398.4	1 438.2	510.3	476.8	79.5	2 144.6	348.9	120.3	193.4	86.4
COST OF RESALES ..... DO	321.4	14.9	83.0	32.7	7.8	128.5	25.1	10.4	9.4	9.5
FUELS CONSUMED ..... DO	32.1	7.1	1.6	2.6	.4	15.8	1.2	.7	1.3	1.3
PURCHASED ELECTRIC ENERGY ..... DO	88.1	25.0	4.5	6.9	1.5	35.6	3.8	2.3	3.9	4.6
CONTRACT WORK ..... DO	1 678.5	88.4	634.6	516.8	95.2	280.5	5.6	38.2	10.2	9.0
VALUE OF SHIPMENTS, INCLUDING RESALES ..... DO	21 738.4	5 757.1	3 095.9	2 922.1	605.3	6 532.8	932.3	517.9	721.9	653.1
VALUE OF RESALES ..... DO	483.8	18.3	143.7	58.9	8.0	170.1	38.6	22.0	12.6	11.6
VALUE ADDED BY MANUFACTURE ..... DO	14 355.1	4 184.7	1 868.7	1 967.4	417.5	3 944.4	550.5	372.3	506.0	543.7
MANUFACTURERS' INVENTORIES:										
BEGINNING OF YEAR, TOTAL ..... DO	1 677.2	137.3	157.1	570.1	45.8	465.3	92.6	109.2	69.1	20.7
FINISHED PRODUCTS ..... DO	616.4	5.1	59.8	338.3	22.7	92.3	24.8	51.0	20.1	2.3
WORK IN PROCESS ..... DO	433.1	1.8	30.6	152.6	10.2	152.8	18.9	35.5	21.5	9.2
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	617.5	130.3	66.7	79.1	12.9	220.2	48.9	22.7	27.5	9.2
END OF YEAR, TOTAL ..... DO	1 859.8	162.5	164.9	650.9	41.1	495.5	98.4	147.8	73.7	25.1
FINISHED PRODUCTS ..... DO	728.7	6.4	70.9	419.3	14.2	99.2	27.2	66.8	21.6	3.1
WORK IN PROCESS ..... DO	456.7	2.1	26.5	152.7	15.5	162.5	19.3	46.1	22.3	9.7
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	674.3	154.0	67.5	78.9	11.4	233.7	51.9	34.9	29.8	12.2
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL ... DO	839.5	265.0	59.7	103.6	10.5	292.5	43.2	15.7	26.7	22.6
NEW PLANT AND EQUIPMENT, TOTAL ..... DO	788.1	246.7	58.0	101.0	10.0	272.3	39.8	14.9	25.1	20.2
NEW STRUCTURES AND ADDITIONS TO PLANT ... DO	209.8	74.4	24.8	32.9	2.8	55.2	9.3	4.1	3.6	2.7
NEW MACHINERY AND EQUIPMENT ..... DO	578.3	172.4	33.2	68.1	7.2	217.0	30.5	10.8	21.5	17.5
USED PLANT AND EQUIPMENT ..... DO	51.4	18.3	1.7	2.6	.5	20.2	3.3	.8	1.6	2.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation see introduction.

NEWSPAPERS, PERIODICALS, BOOKS, AND MISCELLANEOUS PUBLISHING

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2711--Newspapers: Publishing, Publishing and Printing
2721--Periodicals: Publishing, Publishing and Printing
2731--Books: Publishing, Publishing and Printing
2732--Book Printing
2741--Miscellaneous Publishing

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

As in previous censuses, publishing, printing, and allied activities, other than those performed in Government-owned and operated establishments, are included as manufacturing activities. Establishments engaged in publishing newspapers, and establishments primarily engaged in publishing periodicals, books, and miscellaneous publications (including those primarily engaged in book printing) are assigned to one of the five separately described industries below. As noted in the Introduction, this report does not incorporate any data reported by religious, social, charitable, educational, and other nonprofit organizations whose employees are not covered under the Social Security System. News syndicates are classified in service industries and their activities are included in the census of business.

The term "publisher" is used to designate the person or organization by whom or in whose name newspapers, periodicals, and other publications are listed. In order to provide the fullest possible coverage of the publishing field in the census of manufactures, a separate report was requested from each publishing establishment, whether or not any printing was done at the publishing location. All establishments engaged in the publishing of one or more newspapers are classified as newspaper publishers, without regard to the ratio of receipts from other activities (e.g., job printing) to their total receipts.

Publishers of newspapers and periodicals were asked to report separately for each of their publications, where possible, information on circulation and dollar receipts by frequency of issue as well as by type of revenue. The more common frequencies of issue were listed on the report forms supplied to all newspapers, and a special inquiry was addressed to publishers of periodicals to provide uniform designation of periodicals by type of issue. Newspaper and periodical publishers were required to break their total revenues into two parts--receipts from subscriptions and sales, and receipts from advertising; "total revenue" was defined as net after deducting advertising agency commissions, cash discounts, newsstand, carrier, and wholesalers' commissions, and other similar items.

As in 1963, the data on number of employees for newspaper and periodical publishing do not include newsboys or carrier boys. Again, periodical and book publishers have been subdivided to group separately those who publish only from those who print as well as publish. Newspapers are also subdivided into daily and weekly and other papers. The general operating statistics shown in tables 3, 4 and 8 provide this subindustry treatment for industries 2711, 2721, and 2731.

2711--NEWSPAPERS: PUBLISHING, PUBLISHING AND PRINTING

This industry comprises establishments primarily engaged in publishing and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the gathering of news and the preparation of editorials and advertisments, but may or may not perform their own printing. Commercial printing is frequently carried on by establishments engaged in publishing and printing newspapers, but even though the commercial printing may be of major importance, such establishments are included in this industry. For the purposes of the census of manufactures, the term "newspaper" includes those publications issued at regular frequencies which contain news of interest to the general public whether or not they are published in the English language. Establishments not engaged in publishing newspapers, but which print or lithograph newspapers for publishers, are classified in industry 2751 or industry 2752. News syndicates are classified in service industries (industry 7351.) For a detailed list of products of industry 2711, refer to table 6A, product codes 2711101 to 2711498.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Publications have been classified as periodicals (industry 2721) rather than as newspapers if their news and editorial presentations do not appear to be directed to the public at large. Among the types of publications sometimes considered newspapers, but treated in the census as periodicals, are the following: trade journals; house organs, local church or school papers and like publications with very limited or specialized news treatment. Generally publications issued by nonprofit organizations (educational, religious, charitable, labor, business, professional, etc.) are classified as periodicals, as are magazine and comic supplements for Sunday newspapers.

Receipts of the Newspapers Industry in 1967 totaled $5,757.1 million. This included receipts from newspapers (primary products), valued at $5,549.8 million, receipts from other activities (secondary products) valued at $159.1 million, and miscellaneous receipts of $48.2 million.

This industry's receipts from newspapers (primary products) in 1967 represented 97 percent (specialization ratio) of its total receipts (primary and secondary). The industry specialization ratio in 1963 was 96 percent. Secondary receipts for this industry in 1967 consisted mainly of commercial printing, except lithographic ($99.4 million), and commercial printing, lithographic ($35.0 million).

Industry 2711 receipts from newspapers (primary products) in 1967 represented 100 percent (coverage ratio) of these receipts valued at $5,549.8 million. In 1963, the coverage ratio was also 100 percent.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2711 these establishments accounted for approximately 2.5 percent of payroll and 3.0 percent of value added by manufacture.

2721--PERIODICALS: PUBLISHING, PUBLISHING AND PRINTING

This industry comprises establishments primarily engaged in publishing periodicals, or in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. Establishments not engaged in publishing periodicals, but which print or lithograph periodicals for publishers are classified in industry 2751 or industry 2752.

Data on the periodical publishing activities of nonprofit organizations (religious, educational, social, charitable, etc.) have been included to the extent that the employees of such organizations were covered under the Social Security Systems. For the distinction between newspapers and periodicals which has been applied in classifying establishments for the census of manufactures, see the foregoing statements under industry 2711, Newspapers. For a detailed list of products of industry 2721, refer to table 6A, product codes 2721112 to 2721737.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Receipts of the Periodicals Industry in 1967 totaled $3,095.9 million. This included receipts from periodicals (primary products), valued at $2,599.5 million, receipts from other activities (secondary products) valued at $335.8 million, and miscellaneous receipts (mainly resales) of $160.6 million.

This industry's receipts from periodicals (primary products) in 1967 represented 89 percent (specialization ratio) of its total receipts (primary and secondary). The industry specialization ratio in 1963 was 91 percent. Secondary receipts for this industry in 1967 consisted mainly of book publishing ($271.8 million), and miscellaneous publishing ($46.2 million).

Industry 2721 receipts from periodicals (primary products) in 1967 represented 97 percent (coverage ratio) of these receipts valued at $2,668.2 million received by all industries. In 1963, the coverage ratio was 96 percent. Other industries with receipts from periodicals (primary products) consisted mainly of industry 2731, Book Publishing, $48.2 million; industry 2711, Newspapers, $6.1 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2721, these establishments accounted for approximately 2.6 percent of payroll and 3.0 percent of value added by manufacture.

2731--BOOKS: PUBLISHING, PUBLISHING AND PRINTING

This industry comprises establishments primarily engaged in publishing and printing books and pamphlets. Establishments primarily engaged in printing or in printing and binding (but not publishing) books and pamphlets are classified in industry 2732, Book Printing.

Industry 2731 also includes data on book publishing activities obtained from nonprofit organizations whose employees are covered under the Social Security System and were able to report their book publishing operations as a separate establishment. For a detailed list of the type of receipts classified as primary to industry 2731, refer to table 6A, product codes 2731111 to 2731645.

The data presented in table 6A for number of books sold represent the total number of books sold (shipped and billed) by publishers during 1967, without regard to whether these books were actually published or printed in 1967. The value figures shown in this table and in tables 6B and 6C are net publishers' receipts after deducting cash discounts, returns and allowances; i.e., they represent net sales.

"Books" are considered to include all collections of 49 or more pages, exclusive of the cover, bound by any method, and all hardboard collections, irrespective of the number of pages. (The designation "hardbound" describes books which are bound with paper over board, cloth over board, and aritificial or genuine leather.) "Pamphlets" are defined to mean any collection to be offered for sale of at least 5 but less than 49 paperbound pages.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Receipts of the Book Publishing Industry in 1967 totaled $1,974.8 million. This included receipts from book publishing (primary products), valued at $1,801.3 million, receipts from other activities (secondary products) valued at $107.9 million, and miscellaneous receipts (mainly resales) of $65.6 million.

This industry's receipts from book publishing (primary products) in 1967 represented 94 percent (specialization ratio) of its total receipts (primary and secondary). The industry specialization ratio in 1963 was 93 percent. Secondary receipts for this industry in 1967 consisted mainly of periodicals ($48.2 million), and book printing ($13.8 million).

Industry 2731 receipts from book publishing (primary products) in 1967 represented 85 percent (coverage ratio) of these receipts valued at $2,112.6 million received by all industries. In 1963, the coverage ratio was 88 percent. Other industries with receipts from book publishing (primary products) consisted mainly of industry 2721, Periodicals, $271.8 million; industry 2741, Miscellaneous Publishing, $13.6 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2731, these establishments accounted for approximately 1.4 percent of payroll and 1.6 percent of value added by manufacture.

2732--BOOK PRINTING

This industry comprises establishments primarily engaged in printing only or in printing and binding books and pamphlets, but not engaged in publishing. Establishments primarily engaged in publishing, or in publishing and printing books and pamphlets, are classified in industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere, are classified in industry 2789.

Establishments classified in industry 2732 are similar in character to some establishments primarily engaged in commercial letterpress printing (industry 2751) and in commercial lithographing (industry 2752). The distinction is that all the establishments classified in industry 2732 derive the greater part of their revenue from printing books and pamphlets, while such operations are secondary activities for establishments classified in industries 2751 and 2752. For a detailed list of products of industry 2732, refer to table 6A, product codes 2732111 to 2732255.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Receipts of the Book Printing Industry in 1967 totaled $787.4 million. This included receipts from book printing (primary products), valued at $626.6 million, receipts from

activities (secondary products) valued at $149.7 million, and miscellaneous receipts (mainly resales) of $11.1 million.

This industry's receipts from book printing (primary products) in 1967 represented 81 percent (specialization ratio) of its total receipts (primary and secondary). The industry specialization ratio in 1963 was 78 percent. Secondary receipts for this industry in 1967 consisted mainly of commercial printing, lithographic ($87.0 million), and commercial printing, except lithographic ($35.7 million).

Industry 2732 receipts from book printing (primary products) in 1967 represented 70 percent (coverage ratio) of these receipts valued at $900.3 million received by all industries. In 1963, the coverage ratio was 69 percent. Other industries with receipts from book printing (primary products) consisted mainly of industry 2752, Commercial Printing, Lithographic, $156.3 million; industry 2751, Commercial Printing, Except Lithographic, $81.5 million.

As indicated in the introduction, small establishments generally with less then 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2732, these establishments accounted for approximately 0.9 percent of payroll and 0.8 percent of value added by manufacture.

2741--MISCELLANEOUS PUBLISHING

This industry comprises establishments primarily engaged in miscellaneous publishing activities, not elsewhere classified, whether or not engaged in printing. Establishments primarily engaged in offering financial, credit, or other business services, and which may publish directories as part of this service, are not included in this industry but are classified in Service Industries. For a detailed list of products of industry 2741, refer to table 6A, product codes 2741111 to 2741398.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Receipts of the Miscellaneous Publishing Industry in 1967 totaled $605.3 million. This included receipts from miscellaneous publishing (primary products), valued at $540.6 million, receipts from other activities (secondary products) valued at $43.3 million, and miscellaneous receipts of $21.4 million.

This industry's receipts from miscellaneous publishing (primary products) in 1967 represented 93 percent (specialization ratio) of its total receipts (primary and secondary) The industry specialization ratio in 1963 was 92 percent. Secondary receipts for this industry in 1967 consisted mainly of book publishing ($13.6 million), and periodicals ($11.1 million).

Industry 2741 receipts from miscellaneous publishing (primary products) in 1967 represented 89 percent (coverage ratio) of these receipts valued at $608.6 million received by all industries. In 1963, the coverage ratio was 84 percent. Other industries with receipts from miscellaneous publishing (primary products) consisted mainly of industry 2721, Periodicals, $46.2 million; industry 2731, Book Publishing, $12.0 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2741, these establishments accounted for approximately 4.7 percent of payroll and 4.4 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of receipts	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2711.--NEWSPAPERS														
1967 Census	8,094	2,029	335.9	2,223.7	169.2	302.0	1,121.5	4,184.7	1,573.6	5,757.1	246.7	162.5	97	100
1966 ASM[1]	NA	NA	333.5	2,121.2	167.6	313.5	1,091.4	4,012.2	1,508.8	5,520.2	227.8	148.9	NA	NA
1965 ASM[1]	NA	NA	327.7	2,006.4	167.6	303.8	1,043.6	3,731.7	1,423.6	5,156.1	170.0	113.3	NA	NA
1964 ASM[1]	NA	NA	317.9	1,901.1	166.3	319.9	997.8	3,460.8	1,359.2	4,820.4	121.6	120.4	(NA)	NA
1963 Census	8,331	1,865	306.4	1,784.6	160.1	294.5	935.2	3,201.9	1,281.1	4,483.6	135.2	115.3	96	100
1962 ASM[1]	(NA)	(NA)	310.7	1,761.0	163.2	297.1	929.5	3,051.6	1,274.3	4,319.5	123.9	109.9	(NA)	(NA)
1961 ASM[1]	NA	NA	308.5	1,712.1	160.7	297.7	900.0	2,939.5	1,248.9	4,183.0	134.5	111.8	(NA)	(NA)
1960 ASM[1]	NA	NA	307.4	1,673.9	159.9	299.6	882.9	2,924.5	1,212.6	4,136.6	122.8	123.7	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	300.9	1,601.3	158.1	292.3	841.1	2,776.2	1,172.3	3,946.6	147.6	131.6	NA)	(NA)
1958 Census[2]	8,279	1,736	295.6	1,499.9	154.7	278.0	779.0	2,528.8	1,112.4	3,628.0	148.2	131.8	96	100
INDUSTRY 2721.--PERIODICALS														
1967 Census	2,510	454	79.1	633.7	14.5	25.2	80.5	1,868.7	1,234.1	3,095.9	58.0	164.9	89	97
1966 ASM[1]	NA	NA	71.6	547.9	14.0	26.5	78.3	1,705.8	1,028.0	2,717.9	34.4	175.8	NA	NA
1965 ASM[1]	NA	NA	70.0	510.0	14.0	26.5	79.1	1,602.8	1,034.2	2,625.6	22.8	148.4	NA	NA
1964 ASM[1]	NA	NA	67.3	489.5	12.2	22.6	65.7	1,426.4	1,011.6	2,464.4	*37.6	138.1	NA	(NA)
1963 Census	2,630	402	67.7	461.1	12.3	22.1	65.6	1,349.0	958.1	2,295.7	33.8	131.4	91	96
1962 ASM[1]	(NA)	NA	69.6	485.9	12.1	21.6	64.8	1,336.5	906.1	2,198.5	29.2	113.2	(NA)	(NA)
1961 ASM[1]	NA	NA	68.2	467.2	11.8	21.3	62.7	1,284.2	936.0	2,181.1	24.5	104.7	(NA)	NA
1960 ASM[1]	NA	NA	67.7	447.6	12.2	22.4	63.3	1,211.4	922.8	2,132.6	*45.8	109.0	NA	NA
1959 ASM[1]	(NA)	(NA)	67.4	419.3	12.4	22.4	62.0	1,153.9	833.0	1,981.2	*43.1	93.8	(NA)	NA
1958 Census[2]	2,332	390	66.7	386.7	11.7	21.2	56.8	974.5	764.7	1,729.5	35.1	94.3	93	97
INDUSTRY 2731.--BOOK PUBLISHING														
1967 Census	1,022	287	52.0	389.9	13.3	24.8	76.6	1,456.6	762.8	2,134.8	55.1	573.2	95	86
1966 ASM[1]	(NA)	NA	54.0	359.8	12.2	23.6	61.0	1,325.7	749.8	1,996.3	47.9	514.5	(NA)	(NA)
1965 ASM[1]	NA	(NA)	50.4	322.5	11.5	22.7	55.9	1,115.1	672.1	1,767.1	29.6	418.9	(NA)	(NA)
1964 ASM[1]	NA	(NA)	53.1	330.9	14.5	27.6	71.9	1,099.8	655.4	1,728.6	*28.7	405.9	(NA)	(NA)
1963 Census	993	256	46.8	280.7	11.8	23.4	59.5	995.7	582.3	1,534.6	25.4	362.4	93	88
1962 ASM[1]	(NA)	NA	47.0	277.4	12.1	28.0	61.9	953.9	581.0	1,527.8	*25.2	279.9	(NA)	(NA)
1961 ASM[1]	NA	(NA)	43.9	249.0	11.8	27.7	58.7	882.4	525.5	1,382.3	16.0	262.8	NA	(NA)
1960 ASM[1]	(NA)	NA	42.4	233.3	12.5	27.6	57.6	834.1	497.9	1,303.3	17.0	245.3	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	39.9	211.2	11.8	24.6	53.8	721.2	450.6	1,148.7	10.1	223.2	(NA)	(NA)
1958 Census[2]	903	233	38.5	191.9	11.0	21.1	44.5	616.2	413.3	1,033.1	13.1	204.8	92	90
INDUSTRY 2732.--BOOK PRINTING														
1967 Census	744	316	44.7	297.9	36.7	73.4	227.9	510.9	273.0	787.4	45.9	68.4	81	70
1966 ASM[1]	(NA)	(NA)	41.1	284.3	34.4	72.7	221.9	460.8	258.2	709.3	42.1	74.1	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	38.7	255.5	32.0	67.6	198.6	411.2	227.5	632.7	38.2	58.0	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	35.7	226.9	29.2	62.4	178.8	385.2	202.8	585.5	31.8	48.4	(NA)	(NA)
1963 Census	683	275	36.1	214.2	29.6	59.6	164.6	358.3	190.0	546.6	24.9	48.0	78	69
1962 ASM[1]	(NA)	(NA)	34.2	197.8	28.7	57.7	153.7	318.2	165.1	478.8	*19.5	49.7	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	33.0	189.2	27.9	57.5	148.2	322.7	165.2	483.8	*17.6	45.7	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	31.4	173.3	26.6	53.7	135.5	297.8	164.7	462.9	*16.6	43.2	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	29.3	160.4	24.7	49.9	125.5	260.2	143.4	395.0	*14.6	44.9	(NA)	(NA)
1958 Census[2]	791	205	28.6	144.0	23.7	46.8	112.3	226.8	130.4	357.7	10.8	35.3	72	60
INDUSTRY 2741.--MISCELLANEOUS PUBLISHING														
1967 Census	1,493	204	31.1	197.4	15.0	25.6	79.7	417.5	184.5	605.3	10.0	41.1	93	89
1966 ASM[1]	NA	(NA)	24.3	156.3	11.2	20.4	58.0	321.2	176.9	495.2	*6.1	38.5	NA	NA
1965 ASM[1]	NA	(NA)	24.3	147.4	11.0	20.5	55.8	299.3	165.1	462.4	4.1	33.2	NA	NA
1964 ASM[1]	NA	(NA)	23.0	137.9	9.8	18.5	49.0	282.3	144.8	424.9	5.9	28.0	NA	(NA)
1963 Census	1,374	177	22.6	130.4	9.8	18.7	48.8	252.9	137.1	389.6	7.1	27.2	92	84
1962 ASM[1]	NA	(NA)	20.6	117.0	9.4	16.0	43.6	239.8	125.9	363.6	*7.2	21.8	(NA)	(NA)
1961 ASM[1]	NA	(NA)	21.2	115.9	8.9	15.7	43.0	245.2	124.0	367.5	*5.3	21.3	NA	(NA)
1960 ASM[1]	NA	(NA)	20.3	108.5	9.4	15.7	42.1	227.6	118.5	345.0	*5.0	20.2	NA	(NA)
1959 ASM[1]	(NA)	NA	19.8	101.1	8.7	13.6	36.7	213.2	113.1	324.5	*19.0	20.3	NA	NA
1958 Census[2]	1,104	163	19.3	91.8	6.5	12.0	28.6	199.2	109.0	307.9	6.0	21.0	89	87

Note: In 1967, 1963, and 1958, the number of companies in industry 2711 was 7,589, 7,982, and 7,947, respectively; in industry 2721: 2,430, 2,582, and 2,246; industry 2731: 963, 936, and 883; industry 2732: 720, 662, and 785; industry 2741: 1,433, 1,308, and 1,037. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. *These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry. Data prior to 1963 exclude Alaska and Hawaii to avoid disclosing individual company figures.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of receipts (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2711.--NEWSPAPERS								
1967 Census	6,623	50	1,785	3.71	.27	.66	12,457	53	13.85
1966 ASM	6,361	50	1,871	3.48	.27	.66	12,031	53	12.80
1965 ASM	6,122	51	1,813	3.43	.28	.67	11,386	54	12.28
1964 ASM	5,980	52	1,923	3.12	.28	.68	10,887	55	10.82
1963 Census	5,824	52	1,840	3.17	.29	.68	10,449	56	10.87
1962 ASM	5,667	53	1,821	3.13	.30	.70	9,820	58	10.27
1961 ASM	5,551	52	1,853	3.02	.30	.71	9,530	58	9.87
1960 ASM	5,445	52	1,874	2.95	.29	.70	9,513	57	9.76
1959 ASM	5,321	53	1,849	2.88	.30	.70	9,226	58	9.50
1958 Census	5,074	52	1,798	2.80	.31	.72	8,554	59	9.10
	INDUSTRY 2721.--PERIODICALS								
1967 Census	8,015	18	1,734	3.20	.40	.60	23,635	34	74.22
1966 ASM	7,650	20	1,891	2.95	.38	.58	23,818	32	64.27
1965 ASM	7,282	20	1,889	2.99	.39	.59	22,888	32	60.49
1964 ASM	7,277	18	1,855	2.90	.41	.61	21,203	34	62.98
1963 Census	6,808	18	1,806	2.96	.42	.62	19,918	34	60.95
1962 ASM	6,977	17	1,784	2.99	.41	.63	19,192	36	61.77
1961 ASM	6,852	17	1,816	2.94	.431	.64	18,834	36	60.17
1960 ASM	6,614	18	1,831	2.83	.43	.64	17,900	37	54.05
1959 ASM	6,217	18	1,802	2.77	.42	.63	17,111	36	51.59
1958 Census	5,793	18	1,811	2.68	.44	.67	14,600	40	45.94
	INDUSTRY 2731.--BOOK PUBLISHING								
1967 Census	7,500	26	1,867	3.09	.36	.54	28,012	27	58.73
1966 ASM	6,660	23	1,934	2.58	.38	.56	24,539	27	56.14
1965 ASM	6,402	23	1,980	2.47	.38	.56	22,138	29	49.16
1964 ASM	6,235	27	1,899	2.61	.38	.57	20,721	30	39.88
1963 Census	5,996	25	1,986	2.54	.38	.56	21,271	28	42.46
1962 ASM	5,901	26	2,320	2.21	.38	.56	20,288	29	34.06
1961 ASM	5,676	27	2,351	2.12	.38	.56	20,115	28	31.80
1960 ASM	5,501	30	2,201	2.09	.38	.56	19,663	28	30.23
1959 ASM	5,293	30	2,088	2.18	.39	.58	18,069	29	29.27
1958 Census	4,983	29	1,913	2.11	.40	.59	16,005	31	29.22
	INDUSTRY 2732.--BOOK PRINTING								
1967 Census	6,669	82	1,998	3.11	.35	.73	11,436	58	6.96
1966 ASM	6,917	84	2,114	3.05	.36	.76	11,211	62	6.33
1965 ASM	6,596	83	2,110	2.94	.36	.76	10,617	62	6.09
1964 ASM	6,357	82	2,141	2.86	.35	.73	10,792	59	6.17
1963 Census	5,933	82	2,009	2.76	.35	.74	9,925	60	6.02
1962 ASM	5,792	84	2,009	2.66	.34	.76	9,317	62	5.51
1961 ASM	5,732	85	2,057	2.58	.34	.73	9,779	59	5.62
1960 ASM	5,515	85	2,021	2.53	.36	.73	9,477	58	5.55
1959 ASM	5,470	84	2,024	2.51	.36	.77	8,873	62	5.21
1958 Census	5,030	83	1,970	2.40	.36	.77	7,923	63	4.85
	INDUSTRY 2741.--MISCELLANEOUS PUBLISHING								
1967 Census	6,354	48	1,715	3.11	.30	.63	13,443	47	16.28
1966 ASM	6,441	46	1,831	2.84	.36	.67	13,233	49	15.72
1965 ASM	6,062	45	1,863	2.72	.36	.68	12,313	49	14.60
1964 ASM	5,994	43	1,882	2.65	.34	.67	12,267	49	15.26
1963 Census	5,784	43	1,907	2.61	.35	.69	11,216	52	13.53
1962 ASM	5,666	46	1,692	2.73	.35	.67	11,616	49	15.00
1961 ASM	5,481	42	1,754	2.74	.34	.65	11,590	47	15.62
1960 ASM	5,333	46	1,673	2.67	.34	.66	11,191	48	14.45
1959 ASM	5,108	44	1,573	2.70	.35	.66	10,764	47	15.64
1958 Census	4,754	34	1,840	2.38	.35	.65	10,320	46	16.56

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2711-- NEWSPAPERS													
UNITED STATES	7 994	2 029	335.9	2 223.7	169.2	302.0	1 121.5	4 184.7	1 573.6	5 757.1	246.7	306.4	3 229.5
NORTHEAST REGION	1 430	467	93.1	661.4	47.4	84.0	339.0	1 172.3	452.2	1 623.7	58.8	85.7	938.7
NEW ENGLAND DIVISION	387	141	24.5	165.4	11.9	22.1	80.9	299.3	94.8	393.9	12.9	23.1	240.7
MAINE	47	14	1.7	10.0	1.0	1.7	5.2	18.2	4.3	22.4	.6	1.6	14.7
NEW HAMPSHIRE	39	16	1.2	7.3	.7	1.2	3.9	13.0	2.4	15.4	.4	1.2	9.4
VERMONT	20	9	.6	3.6	.4	.7	1.8	6.6	1.4	7.9	1.2	.6	5.6
MASSACHUSETTS	185	58	13.6	95.6	6.5	12.2	46.1	173.9	58.6	232.3	6.6	13.0	144.2
RHODE ISLAND	22	8	1.8	13.1	.9	1.6	6.4	22.5	7.7	30.2	1.0	1.6	16.5
CONNECTICUT	74	36	5.6	35.9	2.5	4.6	17.4	65.2	20.5	85.6	3.1	5.1	50.3
MIDDLE ATLANTIC DIVISION	1 043	326	68.5	496.0	35.5	61.9	258.2	873.0	357.4	1 229.7	45.9	62.6	698.0
NEW YORK	509	199	36.0	273.1	19.3	32.5	146.6	473.7	214.5	688.2	18.5	32.9	374.2
NEW JERSEY	196	69	10.9	72.5	4.9	9.0	34.1	140.1	40.1	180.0	15.1	9.5	120.9
PENNSYLVANIA	338	128	21.7	150.3	11.3	20.5	77.5	259.2	102.7	361.6	12.3	20.3	202.8
NORTH CENTRAL REGION	3 060	678	98.1	644.1	50.6	92.3	339.2	1 227.4	452.7	1 680.0	67.7	91.3	960.5
EAST NORTH CENTRAL DIVISION	1 545	453	69.1	467.6	34.6	63.9	245.3	889.4	331.8	1 221.1	41.4	63.1	686.9
OHIO	327	123	18.2	128.8	9.5	18.3	69.6	238.1	87.0	325.1	9.9	16.2	184.2
INDIANA	253	74	9.4	59.6	5.0	9.0	33.6	116.1	35.3	151.3	4.7	8.6	86.5
ILLINOIS	456	124	21.6	145.5	11.2	20.1	79.9	271.8	112.9	384.6	11.6	19.5	208.2
MICHIGAN	305	80	11.9	87.5	5.5	10.2	40.5	178.5	62.4	240.9	8.9	11.3	140.3
WISCONSIN	244	52	8.0	46.1	3.5	6.4	21.7	84.9	34.2	119.1	6.4	7.4	67.7
WEST NORTH CENTRAL DIVISION	1 475	225	29.0	176.5	15.9	28.4	93.9	338.0	120.9	458.9	26.3	28.2	273.6
MINNESOTA	280	42	6.8	42.8	3.3	5.6	20.3	81.7	28.3	110.0	5.0	6.5	65.1
IOWA	306	52	5.8	32.8	3.2	5.7	17.2	63.8	17.6	81.4	5.2	6.0	55.1
MISSOURI	295	53	8.0	54.4	4.5	8.2	31.1	103.3	47.7	151.0	12.1	7.6	81.4
NORTH DAKOTA	74	12	1.2	6.5	.7	1.3	3.8	11.7	2.6	14.2	.5	1.0	8.9
SOUTH DAKOTA	114	10	1.0	5.4	.7	1.2	3.2	11.3	2.8	14.1	.4	1.2	9.8
NEBRASKA	170	18	2.6	15.0	1.6	2.9	7.9	30.1	10.8	40.8	1.4	2.6	26.5
KANSAS	236	38	3.5	19.5	1.9	3.5	10.4	36.1	11.2	47.3	1.7	3.3	26.8
SOUTH REGION	2 341	512	82.9	493.7	42.2	74.9	240.5	963.4	374.5	1 337.7	81.5	73.8	726.6
SOUTH ATLANTIC DIVISION	935	253	44.1	271.3	21.7	38.6	126.9	516.1	203.5	719.6	38.8	38.8	385.8
DELAWARE	15	4	.8	5.8	.4	.7	3.0	10.5	2.8	13.3	1.3	.7	8.0
MARYLAND	70	20	4.7	33.2	2.2	3.9	15.7	60.8	23.9	84.7	1.9	4.3	43.8
DISTRICT OF COLUMBIA	22	5	4.9	38.6	2.6	3.7	18.8	69.8	36.9	106.7	2.3	4.8	55.6
VIRGINIA	120	38	5.3	31.4	2.7	4.7	14.6	56.5	20.6	77.1	1.9	4.6	45.1
WEST VIRGINIA	88	20	2.6	13.4	1.5	2.8	7.4	24.7	8.0	32.7	3.2	2.5	20.7
NORTH CAROLINA	164	56	5.9	34.1	3.2	6.0	17.3	62.7	20.9	83.6	3.7	5.2	45.1
SOUTH CAROLINA	74	17	2.4	14.2	1.2	2.2	6.1	28.1	8.3	36.5	3.3	2.2	22.2
GEORGIA	174	33	5.0	28.8	2.7	5.1	15.4	60.2	24.8	85.0	2.6	4.3	44.2
FLORIDA	208	60	12.5	71.8	5.3	9.6	28.7	142.8	57.4	200.2	18.6	10.2	101.1
EAST SOUTH CENTRAL DIVISION	474	87	13.2	79.4	6.8	12.2	38.8	154.3	53.9	208.2	11.9	12.0	118.5
KENTUCKY	149	22	3.2	21.0	1.6	3.0	9.7	37.4	15.7	53.1	2.4	3.0	29.4
TENNESSEE	124	27	5.5	32.2	2.7	4.7	16.3	59.2	20.2	79.4	6.7	4.5	45.3
ALABAMA	99	23	3.0	18.2	1.5	2.8	9.0	41.0	13.2	54.2	1.3	2.9	31.4
MISSISSIPPI	102	15	1.6	8.0	.9	1.6	3.8	16.7	4.8	21.4	1.6	1.5	12.5
WEST SOUTH CENTRAL DIVISION	932	172	25.5	143.0	13.7	24.1	74.8	293.0	117.0	409.9	30.8	23.0	222.2
ARKANSAS	112	23	2.2	10.8	1.3	2.5	6.0	21.1	6.9	28.0	2.1	2.1	15.7
LOUISIANA	107	20	3.5	20.5	1.9	3.5	11.6	48.8	19.3	67.9	8.7	3.2	36.0
OKLAHOMA	187	31	4.4	23.5	2.7	4.3	13.3	45.5	16.8	62.4	2.2	3.6	34.0
TEXAS	526	98	15.5	88.2	7.7	13.7	43.8	177.7	74.0	251.6	17.8	14.1	136.5
WEST REGION	1 263	372	61.8	424.5	29.0	50.8	202.8	821.5	294.2	1 115.7	38.6	55.7	603.6
MOUNTAIN DIVISION	456	97	13.8	82.8	7.0	12.7	44.3	159.0	56.7	215.7	5.9	12.4	128.0
MONTANA	74	10	1.3	7.5	.7	1.2	4.3	13.9	2.9	16.8	.2	1.2	9.7
IDAHO	63	10	1.2	6.4	.7	1.2	3.9	11.8	3.0	14.9	1.0	1.0	9.7
WYOMING	35	9	.5	2.9	.3	.5	1.6	5.1	1.1	6.3	.6	.5	4.7
COLORADO	116	25	4.4	28.9	2.2	4.0	15.7	44.9	22.0	66.9	2.5	3.9	36.0
NEW MEXICO	43	13	1.1	6.2	.6	1.0	3.1	12.7	3.1	15.7	.4	1.0	10.5
ARIZONA	61	15	2.8	16.2	1.2	2.3	7.4	35.6	12.0	47.6	.5	2.6	31.3
UTAH	36	9	1.3	8.1	.6	1.1	4.2	20.6	8.2	28.8	.6	1.2	16.9
NEVADA	28	6	1.2	6.7	.7	1.3	4.2	14.3	4.3	18.6	.1	.9	9.2
PACIFIC DIVISION	807	275	48.0	341.7	22.0	38.2	158.4	662.6	237.5	900.1	32.7	43.2	475.6
WASHINGTON	148	30	5.8	40.6	2.8	4.7	20.3	73.5	23.5	96.9	4.9	5.3	56.2
OREGON	110	28	3.3	20.1	1.6	2.8	9.2	40.5	15.2	55.7	1.9	3.3	32.1
CALIFORNIA	516	207	37.3	270.9	16.8	29.2	123.6	526.1	193.0	719.1	24.9	33.3	372.7
ALASKA[e]	14	3	.4	2.7	.2	.5	1.3	4.7	1.4	6.1	.2	.3	3.1
HAWAII	19	7	1.2	7.6	.6	1.1	4.0	17.8	4.5	22.3	.8	1.1	11.6
2711-11 DAILY													
UNITED STATES	1 554	1 365	270.9	1 903.2	130.2	235.0	950.3	3 564.2	1 338.5	4 901.8	210.6	252.5	2 818.9
NORTHEAST REGION	321	289	75.9	579.4	38.2	67.7	299.8	1 035.3	396.8	1 431.4	51.8	73.4	819.9
NEW ENGLAND DIVISION	100	90	21.0	148.3	9.7	18.2	71.7	270.6	84.1	354.4	11.1	20.1	207.2
MAINE	7	7	1.3	8.5	.7	1.3	4.2	15.6	3.4	19.0	.4	1.2	12.2
NEW HAMPSHIRE	9	9	.8	5.6	.4	.8	2.9	10.2	1.5	11.7	(D)	.8	7.5
VERMONT	8	8	.5	3.1	.3	.6	1.6	5.7	1.1	6.8	1.2	.5	4.8
MASSACHUSETTS	46	38	11.9	86.4	5.4	10.3	41.2	158.4	52.3	210.5	5.6	11.8	122.1
RHODE ISLAND	7	6	1.6	12.5	.8	1.5	6.1	21.2	7.2	28.4	(D)	1.5	15.7
CONNECTICUT	23	22	4.8	32.2	2.1	3.9	15.8	59.5	18.5	78.0	2.8	4.3	44.9

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2711-11 DAILY--CON.													
NORTHEAST REGION--CON.													
MIDDLE ATLANTIC DIVISION	221	199	54.9	431.1	28.5	49.5	228.1	764.7	312.7	1 077.0	40.7	53.4	612.7
NEW YORK	93	81	28.7	238.9	15.7	26.0	131.2	423.3	192.0	615.3	16.1	28.8	341.7
NEW JERSEY	29	26	7.7	57.4	3.4	6.3	27.5	112.9	30.5	143.2	13.8	7.3	89.6
PENNSYLVANIA	99	92	18.5	134.8	9.4	17.2	69.4	228.5	90.2	318.6	10.8	17.3	181.4
NORTH CENTRAL REGION	542	475	78.6	549.1	38.0	71.0	286.5	1 052.8	384.9	1 437.7	58.6	73.3	837.4
EAST NORTH CENTRAL DIVISION	346	307	57.2	408.7	27.3	51.4	213.1	784.9	291.7	1 076.5	35.6	52.4	610.0
OHIO	91	87	15.8	118.0	8.0	15.8	63.4	219.4	80.3	299.6	9.0	14.0	168.3
INDIANA	78	63	8.1	54.1	4.1	7.5	30.2	105.8	31.6	137.4	3.9	7.5	79.7
ILLINOIS	90	75	17.1	120.8	8.4	15.2	66.2	230.0	98.1	328.1	9.3	15.8	178.9
MICHIGAN	54	52	9.9	77.2	4.3	8.3	35.9	158.0	53.6	211.6	7.7	9.3	125.5
WISCONSIN	33	30	6.3	38.7	2.4	4.5	17.5	71.7	28.2	99.9	5.6	5.9	57.6
WEST NORTH CENTRAL DIVISION	196	168	21.4	140.4	10.8	19.7	73.4	267.9	93.2	361.2	23.1	20.9	227.4
MINNESOTA	26	24	5.0	34.3	2.2	3.8	15.7	66.7	22.9	89.7	4.4	4.8	53.7
IOWA	41	39	4.3	26.5	2.1	3.8	13.3	51.9	12.8	64.7	4.6	4.4	45.3
MISSOURI	48	41	6.6	48.4	3.5	6.7	27.6	90.8	43.0	133.8	11.3	6.1	71.2
NORTH DAKOTA	9	9	.9	5.3	.5	.9	3.0	9.6	1.7	11.3	.4	.7	7.0
SOUTH DAKOTA	11	9	.7	4.0	.4	.8	2.3	8.5	1.7	10.2	.3	.7	7.3
NEBRASKA	15	12	1.0	5.5	.6	1.1	3.1	10.9	2.5	13.4	.7	1.7	20.3
KANSAS	46	34	2.8	16.4	1.4	2.6	8.5	29.5	8.6	38.1	1.3	2.5	22.6
SOUTH REGION	421	357	67.6	424.5	32.5	58.5	203.3	835.0	322.3	1 157.2	71.1	61.3	649.6
SOUTH ATLANTIC DIVISION	165	154	35.3	230.2	16.5	29.7	106.2	442.7	174.4	617.1	32.9	33.0	349.3
DELAWARE	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MARYLAND	10	9	3.9	29.0	1.8	3.3	13.8	54.3	21.6	76.0	1.6	3.6	38.7
DISTRICT OF COLUMBIA	4	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.6	54.3
VIRGINIA	22	20	4.1	26.7	1.9	3.5	11.7	48.1	17.0	65.2	1.3	4.0	41.5
WEST VIRGINIA	19	15	2.3	12.0	1.2	2.4	6.6	22.4	6.9	29.3	3.0	2.0	17.5
NORTH CAROLINA	36	36	4.5	28.2	2.3	4.3	13.7	52.9	17.5	70.4	2.7	4.0	38.6
SOUTH CAROLINA	14	12	2.0	12.4	.8	1.6	4.9	25.0	7.1	32.1	3.1	(2)	(2)
GEORGIA	22	21	3.5	21.8	1.7	3.3	11.8	47.5	20.2	67.7	1.9	3.5	38.9
FLORIDA	36	36	9.6	56.9	3.8	7.1	22.4	114.5	45.6	160.1	15.8	9.0	92.8
EAST SOUTH CENTRAL DIVISION	72	65	10.8	68.8	5.0	9.3	32.3	134.3	45.9	180.2	10.4	9.4	102.2
KENTUCKY	23	18	2.6	18.2	1.2	2.3	8.1	32.1	13.5	45.6	1.8	2.3	25.3
TENNESSEE	20	19	4.7	29.0	2.2	3.8	14.3	53.0	17.9	70.9	6.3	3.8	40.7
ALABAMA	15	15	2.3	15.5	1.0	2.0	7.2	36.3	11.2	47.5	.9	2.3	27.0
MISSISSIPPI	14	13	1.2	6.1	.6	1.1	2.7	13.0	3.3	16.3	1.4	1.0	9.2
WEST SOUTH CENTRAL DIVISION	184	138	21.6	125.5	11.0	19.6	64.8	258.0	102.0	359.9	27.8	18.9	198.1
ARKANSAS	27	20	1.8	9.2	1.0	2.0	5.0	17.6	5.5	23.1	1.9	1.7	13.4
LOUISIANA	16	14	2.8	17.2	1.5	2.8	9.8	42.5	16.5	58.8	(D)	2.6	32.1
OKLAHOMA	46	27	3.8	21.0	2.3	3.6	11.8	40.1	15.0	55.1	(D)	2.8	29.4
TEXAS	95	77	13.1	78.1	6.2	11.2	38.3	157.8	65.1	222.8	15.9	11.8	123.2
WEST REGION	270	244	48.8	350.1	21.5	37.7	160.7	641.0	234.5	875.5	29.0	44.4	512.0
MOUNTAIN DIVISION	88	74	11.1	70.2	5.2	9.5	36.6	136.4	47.4	183.8	4.7	10.0	110.1
MONTANA	11	10	1.0	6.3	.6	.9	3.6	11.6	2.1	13.7	.1	.9	7.9
IDAHO	12	9	.9	5.3	.5	.9	3.2	9.9	2.2	12.1	.9	.8	8.2
WYOMING	8	8	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.7
COLORADO	22	17	3.6	25.2	1.7	3.1	13.3	38.5	19.5	58.0	2.2	3.2	30.2
NEW MEXICO	15	11	1.0	5.5	.5	.8	2.7	11.5	2.6	14.0	.3	.9	9.6
ARIZONA	9	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	26.9
UTAH	6	6	1.1	7.3	.5	.9	3.6	19.0	7.6	26.6	.4	(2)	(2)
NEVADA	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
PACIFIC DIVISION	182	170	37.6	279.9	16.2	28.2	124.1	504.6	187.1	691.7	24.3	34.4	401.9
WASHINGTON	22	20	4.8	35.7	2.2	3.8	17.8	64.2	20.3	84.4	4.2	4.3	48.3
OREGON	18	17	2.4	16.5	1.0	1.8	7.1	33.6	12.6	46.2	1.5	2.5	26.2
CALIFORNIA	135	127	29.2	219.7	12.4	21.5	95.2	388.1	149.8	538.0	17.8	26.5	314.5
ALASKA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
HAWAII	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
2711-13 WEEKLY AND OTHERS													
UNITED STATES[e]	6 540	664	65.0	320.5	39.0	67.0	171.2	620.5	235.1	855.3	36.1	53.9	382.9
NORTHEAST REGION[e]	1 109	178	17.2	82.0	9.2	16.3	39.2	137.0	55.5	192.3	7.0	12.3	91.9
NEW ENGLAND DIVISION[e]	287	51	3.5	17.1	2.2	3.9	9.2	28.7	10.8	39.5	1.8	3.0	20.3
MAINE[e]	40	7	.4	1.5	.2	.4	1.0	2.6	.8	3.5	.2	.4	2.5
NEW HAMPSHIRE[e]	30	7	.4	1.7	.3	.5	1.1	2.8	.9	3.7	(D)	.3	1.8
MASSACHUSETTS[e]	139	20	1.7	9.2	1.1	1.9	4.9	15.5	6.3	21.8	1.0	1.2	9.0
CONNECTICUT	51	14	.8	3.7	.4	.8	1.6	5.6	2.0	7.6	.3	.8	5.4
MIDDLE ATLANTIC DIVISION[e]	822	127	13.7	64.8	7.0	12.4	30.0	108.3	44.7	152.8	5.1	9.3	71.6
NEW YORK[e]	416	48	7.3	34.2	3.6	6.5	15.4	50.4	22.5	72.9	2.3	4.0	32.5
NEW JERSEY[e]	167	43	3.2	15.1	1.5	2.6	6.6	27.3	9.6	36.8	1.3	2.2	17.6
PENNSYLVANIA	239	36	3.2	15.5	1.9	3.2	8.1	30.6	12.6	43.0	1.5	3.0	21.4

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2711-13 WEEKLY AND OTHERS--CON.													
NORTH CENTRAL REGION[e]	2 518	203	19.6	95.0	12.5	21.3	52.8	174.6	67.8	242.3	9.1	18.0	123.1
EAST NORTH CENTRAL DIVISION[e]	1 239	146	11.9	58.8	7.4	12.6	32.2	104.5	40.1	144.6	5.9	10.6	76.9
OHIO[e]	236	36	2.4	10.8	1.5	2.5	6.3	18.7	6.8	25.5	.9	2.2	15.9
INDIANA[e]	175	11	1.3	5.6	.9	1.5	3.4	10.3	3.6	13.9	.7	1.1	6.8
ILLINOIS[e]	366	49	4.5	24.7	2.7	4.9	13.7	41.8	14.8	56.6	2.3	3.7	29.3
MICHIGAN	251	28	2.1	10.3	1.2	1.9	4.6	20.5	8.9	29.4	1.2	2.0	14.8
WISCONSIN[e]	211	22	1.6	7.4	1.1	1.9	4.2	13.2	6.0	19.2	.8	1.6	10.2
WEST NORTH CENTRAL DIVISION[e]	1 279	57	7.7	36.2	5.1	8.7	20.6	70.1	27.7	97.7	3.2	7.4	46.3
MINNESOTA[e]	254	18	1.8	8.6	1.1	1.8	4.7	15.0	5.4	20.3	.6	1.7	11.4
IOWA[e]	265	13	1.5	6.3	1.0	1.9	4.0	11.9	4.8	16.7	.6	1.6	9.8
MISSOURI[e]	247	12	1.4	6.0	1.0	1.5	3.5	12.5	4.7	17.2	.7	1.5	10.1
NORTH DAKOTA[e]	65	3	.3	1.1	.2	.3	.8	2.1	.8	3.0	.1	.3	2.0
SOUTH DAKOTA[e]	103	1	.3	1.4	.3	.4	.9	2.8	1.1	3.9	.1	.4	2.5
NEBRASKA	155	6	1.6	9.5	1.0	1.7	4.8	19.2	8.3	27.5	.7	.9	6.2
KANSAS[e]	190	4	.7	3.2	.6	.9	2.0	6.6	2.6	9.2	.4	.8	4.2
SOUTH REGION[e]	1 920	155	15.2	69.2	9.7	16.3	37.1	128.4	52.2	180.5	10.4	12.4	76.3
SOUTH ATLANTIC DIVISION[e]	770	99	8.8	41.1	5.3	8.9	20.8	73.4	29.2	102.5	5.9	5.8	35.8
MARYLAND	60	11	.8	4.3	.4	.7	1.8	6.5	2.2	8.7	.3	.7	4.3
VIRGINIA[e]	98	18	1.2	4.7	.8	1.3	3.0	8.4	3.5	11.9	.6	.8	5.2
WEST VIRGINIA[e]	69	5	.3	1.4	.3	.4	.8	2.4	1.1	3.4	.2	.3	1.7
NORTH CAROLINA[e]	128	20	1.4	5.9	.9	1.6	3.6	9.8	3.5	13.2	1.1	1.2	6.6
SOUTH CAROLINA[e]	60	5	.4	1.8	.3	.6	1.1	3.1	1.3	4.4	.2	(2)	(2)
GEORGIA[e]	152	12	1.5	7.0	.9	1.7	3.6	12.6	4.6	17.3	.7	.8	5.2
FLORIDA	172	24	2.9	14.9	1.5	2.5	6.3	28.4	11.8	40.1	2.7	1.2	8.3
EAST SOUTH CENTRAL DIVISION[e]	402	22	2.5	10.6	1.7	2.9	6.5	20.0	8.0	28.0	1.5	2.6	16.3
KENTUCKY[e]	126	4	.6	2.8	.4	.7	1.6	5.3	2.2	7.6	.6	.7	4.1
TENNESSEE[e]	104	8	.7	3.2	.5	.9	2.0	6.2	2.4	8.6	.4	.7	4.6
ALABAMA[e]	84	8	.6	2.7	.5	.8	1.7	4.8	2.0	6.7	.3	.7	4.3
MISSISSIPPI[e]	88	2	.4	1.9	.3	.5	1.1	3.7	1.5	5.2	.2	.5	3.3
WEST SOUTH CENTRAL DIVISION[e]	748	34	4.0	17.5	2.7	4.5	9.9	35.0	15.0	50.0	3.0	4.1	24.2
ARKANSAS[e]	85	3	.4	1.6	.3	.5	1.0	3.4	1.4	4.8	.2	.4	2.3
LOUISIANA[e]	91	6	.7	3.2	.5	.8	1.8	6.3	2.8	9.1	(D)	.6	3.9
OKLAHOMA[e]	141	4	.6	2.6	.5	.7	1.6	5.4	1.9	7.3	(D)	.7	4.6
TEXAS[e]	431	21	2.3	10.1	1.5	2.5	5.5	19.9	8.9	28.8	2.0	2.2	13.4
WEST REGION	993	128	13.1	74.4	7.6	13.1	42.0	180.5	59.7	240.3	9.6	11.3	91.7
MOUNTAIN DIVISION[e]	368	23	2.7	12.5	1.8	3.1	7.7	22.6	9.3	31.8	1.2	2.5	17.9
MONTANA[e]	63	-	.3	1.1	.2	.3	.7	2.3	.8	3.1	.1	.3	1.8
IDAHO[e]	51	1	.3	1.1	.2	.3	.7	1.9	.9	2.8	.1	.3	1.5
COLORADO[e]	94	8	.7	3.7	.5	.8	2.5	6.4	2.5	8.9	.3	.8	5.8
NEW MEXICO[e]	28	2	.2	.7	.1	.2	.4	1.2	.5	1.7	.1	.1	.9
ARIZONA[e]	52	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	4.4
UTAH[e]	30	3	.2	.8	.2	.2	.6	1.6	.6	2.2	.2	(2)	(2)
NEVADA[e]	23	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
PACIFIC DIVISION	625	105	10.4	61.9	5.8	10.0	34.3	158.0	50.4	208.4	8.4	8.8	73.7
WASHINGTON	126	10	1.0	4.8	.6	.9	2.6	9.3	3.2	12.5	.7	1.0	7.9
OREGON[e]	92	11	.9	3.6	.6	.9	2.1	6.9	2.7	9.5	.4	.8	5.9
CALIFORNIA	381	80	8.1	51.2	4.4	7.7	28.5	138.0	43.2	181.2	7.1	6.8	58.2
ALASKA[e]	11	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
HAWAII	15	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
2721-- PERIODICALS													
UNITED STATES	2 510	454	79.1	633.7	14.5	25.2	80.5	1 868.7	1 234.1	3 095.0	58.0	67.7	1 340.0
NORTHEAST REGION	929	187	45.0	390.0	5.8	10.2	32.0	1 241.0	921.8	2 154.5	24.4	38.9	942.2
NEW ENGLAND DIVISION	147	17	2.5	17.1	.3	.4	1.3	39.4	58.2	98.7	.9	2.3	26.8
MASSACHUSETTS[e]	80	8	.8	5.1	.2	.4	1.1	13.2	6.1	19.3	.1	.6	9.8
CONNECTICUT	42	7	1.6	11.4	(Z)	(Z)	.2	23.7	50.2	75.1	.7	1.6	16.2
MIDDLE ATLANTIC DIVISION	782	170	43.4	373.8	5.5	9.7	30.7	1 202.4	863.6	2 055.8	23.5	36.6	915.4
NEW YORK	595	133	34.2	310.0	2.7	4.3	15.1	977.0	698.0	1 669.8	20.4	29.1	766.7
NEW JERSEY	87	17	3.4	22.3	.3	.4	.9	62.4	74.1	131.5	.7	.8	14.9
PENNSYLVANIA	100	20	5.8	41.4	2.5	5.1	14.7	163.0	91.5	254.4	2.4	6.7	133.8
NORTH CENTRAL REGION	695	162	20.6	152.2	6.0	11.0	36.1	391.6	183.3	576.5	22.7	17.5	252.1
EAST NORTH CENTRAL DIVISION	496	124	13.5	103.9	3.0	5.2	16.3	265.3	128.6	393.4	19.4	10.6	165.3
OHIO	94	27	4.5	32.2	1.2	2.2	7.0	77.2	28.1	104.9	3.4	3.1	47.1
INDIANA	39	9	.9	5.5	.5	.9	2.8	12.0	4.9	17.0	1.7	.4	4.4
ILLINOIS	240	71	7.0	57.1	.8	1.4	4.3	151.4	81.7	232.9	13.6	5.9	93.3
MICHIGAN	64	8	.4	3.8	.1	.1	.5	11.6	6.2	17.9	.6	.6	9.8
WISCONSIN	59	9	.8	5.4	.3	.6	1.6	13.1	7.6	20.6	.1	.7	10.7
WEST NORTH CENTRAL DIVISION	199	38	7.0	48.3	3.0	5.8	16.9	126.3	54.6	183.1	3.3	6.9	86.8
MINNESOTA	55	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	12.6
IOWA	34	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MISSOURI	69	21	3.1	18.8	1.4	2.7	8.6	38.0	20.4	60.8	1.2	2.6	25.4
KANSAS	23	2	.3	1.4	.1	.1	.3	3.6	3.1	6.6	(Z)	(2)	(2)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2721-- PERIODICALS--CON.													
SOUTH REGION	508	59	8.5	62.3	1.6	2.5	6.6	154.2	89.3	244.2	10.1	7.7	105.9
SOUTH ATLANTIC DIVISION	266	32	5.4	44.0	.6	.7	2.2	114.9	66.7	181.1	9.6	4.8	75.1
MARYLAND	21	4	.6	4.5	(Z)	.1	.2	13.4	9.0	22.4	.4	.7	7.5
DISTRICT OF COLUMBIA	78	16	3.8	32.4	.1	.1	.4	82.7	50.7	133.0	8.9	3.3	57.2
VIRGINIA[c]	18	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	1.2
NORTH CAROLINA	29	3	.2	1.0	.1	.2	.4	2.5	1.0	3.5	.2	.1	1.4
GEORGIA	35	6	.4	3.5	.1	.2	.7	8.7	2.3	11.0	(D)	.4	4.6
FLORIDA[c]	70	1	.2	1.7	.1	.1	.3	5.1	2.3	7.4	(Z)	.2	3.0
EAST SOUTH CENTRAL DIVISION	76	14	2.0	10.5	.6	1.0	2.2	21.4	13.6	36.2	.3	1.9	15.7
KENTUCKY	22	5	.2	1.1	.1	.2	.3	2.3	1.3	3.5	(D)	.2	1.5
TENNESSEE	37	8	1.7	9.0	.5	.8	1.8	18.1	11.7	31.1	.3	1.5	13.2
WEST SOUTH CENTRAL DIVISION	166	13	1.1	7.8	.5	.8	2.2	17.9	9.0	26.9	.2	1.0	15.1
OKLAHOMA	20	2	.3	2.4	.1	.2	.6	5.5	1.2	6.7	.1	.1	4.2
TEXAS	105	7	.7	4.3	.3	.5	1.2	9.7	6.5	16.1	.1	.7	8.9
WEST REGION	378	46	4.1	28.4	1.1	1.5	5.7	81.1	39.8	120.8	.7	3.5	48.8
MOUNTAIN DIVISION	69	8	1.0	6.0	.3	.4	1.9	19.0	5.7	24.5	.2	1.0	13.3
COLORADO	23	4	.6	4.6	.2	.3	1.5	15.3	4.1	19.3	.1	.7	10.1
PACIFIC DIVISION	309	38	3.1	22.4	.8	1.0	3.8	62.2	34.2	96.2	.5	2.5	35.4
WASHINGTON[c]	32	4	.3	1.8	.1	.2	.7	3.8	1.9	5.7	(Z)	.2	1.9
CALIFORNIA	247	30	2.6	19.3	.6	.7	2.7	55.2	31.0	86.1	.3	2.2	31.8
2721-11 PUBLISHING ONLY													
UNITED STATES	2 186	361	61.7	510.3	7.4	12.2	34.0	1 591.6	1 130.3	2 714.3	46.8	49.4	1 097.1
NORTHEAST REGION	840	162	40.3	346.8	3.9	6.8	18.5	1 151.0	880.7	2 023.2	20.9	30.9	817.8
NEW ENGLAND DIVISION	135	12	2.2	15.6	.1	.1	.5	36.1	56.6	93.8	.8	2.2	25.2
MASSACHUSETTS	70	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CONNECTICUT	42	7	1.6	11.4	(Z)	(Z)	.2	23.7	50.2	75.1	.7	(2)	(2)
MIDDLE ATLANTIC DIVISION	705	150	38.1	331.2	3.7	6.7	18.0	1 114.9	824.1	1 929.4	20.1	28.7	792.6
NEW YORK	548	123	31.2	283.8	1.7	2.7	7.8	624.6	670.0	1 586.8	17.4	25.9	728.9
NEW JERSEY	75	13	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	13.9
PENNSYLVANIA	82	14	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	49.9
NORTH CENTRAL REGION	593	126	11.1	87.6	1.9	3.2	9.3	238.2	129.1	367.6	15.6	9.6	147.7
EAST NORTH CENTRAL DIVISION	433	99	8.7	70.1	1.2	2.0	5.0	191.0	108.0	298.9	15.1	7.6	123.7
OHIO	82	20	1.6	11.8	.3	.6	1.4	28.8	15.9	44.6	1.3	1.7	22.4
INDIANA	29	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	3.3
ILLINOIS	211	61	5.9	49.1	.4	.7	1.9	135.6	78.0	213.6	13.4	5.0	82.7
MICHIGAN	57	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	7.0
WISCONSIN	54	6	.5	3.3	.2	.3	.8	8.2	5.4	13.5	.1	.5	8.4
WEST NORTH CENTRAL DIVISION	160	27	2.4	17.4	.7	1.3	4.3	47.3	21.1	68.8	.5	2.0	24.0
MINNESOTA	51	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MISSOURI	59	16	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	10.9
SOUTH REGION	429	42	7.2	53.8	1.0	1.3	3.0	137.5	84.7	222.9	9.8	6.4	93.1
SOUTH ATLANTIC DIVISION	230	27	5.1	41.6	.4	.4	1.3	111.0	65.9	176.4	9.5	4.4	71.9
MARYLAND	19	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
DISTRICT OF COLUMBIA	70	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
GEORGIA	32	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
FLORIDA[c]	62	1	.2	1.3	.1	.1	.2	4.5	2.2	6.7	(Z)	(2)	(2)
EAST SOUTH CENTRAL DIVISION	63	7	1.5	8.2	.3	.5	1.0	16.2	11.6	29.0	.2	1.3	12.5
KENTUCKY	20	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
TENNESSEE	29	3	1.3	7.0	.3	.4	.8	13.4	9.9	24.5	(D)	1.1	10.8
WEST SOUTH CENTRAL DIVISION[c]	136	8	.6	4.0	.3	.4	.7	10.3	7.3	17.5	.1	.7	8.7
TEXAS[c]	87	5	.5	3.1	.2	.3	.6	7.8	5.9	13.7	.1	.5	7.1
WEST REGION	324	31	3.1	22.1	.7	.8	3.3	67.9	37.0	104.8	.5	2.5	38.4
MOUNTAIN DIVISION[c]	56	5	.7	4.4	.3	.3	1.6	14.5	5.0	19.4	.1	.4	7.3
COLORADO[c]	21	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
PACIFIC DIVISION	268	26	2.4	17.7	.4	.5	1.6	53.4	32.0	85.3	.4	2.1	31.1
CALIFORNIA	215	23	2.1	16.4	.4	.4	1.5	49.4	29.7	79.1	(D)	1.9	28.7

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2721-13 PUBLISHING AND PRINTING													
UNITED STATES	324	93	17.4	123.4	7.1	13.0	46.4	274.1	102.7	377.4	11.2	18.3	252.0
NORTHEAST REGION	89	25	5.6	44.0	1.9	3.3	13.5	90.9	41.0	131.3	3.5	8.0	124.5
NEW ENGLAND DIVISION[6]	12	5	.3	1.5	.2	.3	.8	3.3	1.5	4.9	.1	.2	1.7
MASSACHUSETTS	10	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MIDDLE ATLANTIC DIVISION	77	20	5.4	42.6	1.7	3.1	12.7	87.5	39.5	126.4	3.5	7.9	122.8
NEW YORK	47	10	3.0	26.3	.9	1.6	7.3	52.5	27.9	80.1	2.9	3.2	37.8
PENNSYLVANIA	18	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.5	84.0
NORTH CENTRAL REGION	102	36	9.8	64.6	4.1	7.8	26.9	153.4	54.2	208.8	7.1	8.0	104.4
EAST NORTH CENTRAL DIVISION	63	25	4.9	33.8	1.8	3.2	11.3	74.3	20.7	94.5	4.3	3.0	41.5
OHIO	12	7	2.9	20.4	.9	1.6	5.7	48.4	12.3	60.2	2.2	1.5	24.8
INDIANA	10	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.1
ILLINOIS	29	10	1.1	7.9	.4	.7	2.4	15.7	3.7	19.3	.2	.9	10.6
WISCONSIN	5	3	.3	2.0	.1	.2	.8	4.9	2.3	7.1	.1	.2	2.3
WEST NORTH CENTRAL DIVISION	39	11	4.6	30.9	2.3	4.6	15.6	79.1	33.6	114.4	2.8	5.0	62.9
IOWA	13	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MISSOURI	10	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	14.6
KANSAS	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
SOUTH REGION	79	17	1.3	8.5	.7	1.2	3.6	16.6	4.6	21.2	.3	1.3	12.8
SOUTH ATLANTIC DIVISION	36	5	.3	2.4	.2	.3	.9	3.8	.8	4.7	.1	.4	3.2
EAST SOUTH CENTRAL DIVISION[6]	13	7	.5	2.3	.2	.5	1.2	5.2	2.0	7.2	.1	.5	3.2
TENNESSEE[6]	8	5	.4	2.0	.2	.4	1.0	4.7	1.8	6.6	(D)	.4	2.4
WEST SOUTH CENTRAL DIVISION	30	5	.6	3.8	.2	.4	1.5	7.6	1.8	9.4	.1	.4	6.4
OKLAHOMA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
TEXAS	18	2	.3	1.2	.1	.2	.6	1.8	.6	2.4	(Z)	.2	1.8
WEST REGION	54	15	1.0	6.3	.4	.7	2.4	13.2	2.8	16.0	.2	1.0	10.3
MOUNTAIN DIVISION	13	3	.3	1.6	.1	.1	.3	4.4	.6	5.1	.1	.6	6.1
PACIFIC DIVISION	41	12	.7	4.7	.4	.5	2.1	8.8	2.2	10.9	.2	.4	4.3
WASHINGTON	5	3	.2	1.3	.1	.2	.7	2.0	.7	2.8	(Z)	(2)	(2)
CALIFORNIA	32	7	.4	2.9	.2	.3	1.3	5.8	1.3	7.0	(D)	.3	3.1
2731-- BOOK PUBLISHING													
UNITED STATES	1 022	287	52.0	389.9	13.3	24.8	76.6	1 456.6	762.8	2 134.8	55.1	46.8	995.7
NORTHEAST REGION	502	154	28.5	224.6	4.3	7.7	25.4	952.6	502.8	1 389.8	26.8	26.8	638.4
NEW ENGLAND DIVISION	72	15	3.1	21.4	.4	.6	1.8	118.0	55.6	167.6	6.8	2.1	83.6
MASSACHUSETTS	42	12	2.8	20.0	.2	.3	1.0	114.7	54.0	162.6	6.7	1.9	80.0
MIDDLE ATLANTIC DIVISION	430	139	25.5	203.2	3.9	7.1	23.6	834.6	447.2	1 282.2	20.1	24.7	554.8
NEW YORK	350	111	21.7	177.2	3.7	4.9	16.7	693.0	394.6	1 033.1	18.4	19.2	466.3
NEW JERSEY	33	13	2.0	13.3	.5	.8	2.4	105.4	41.2	132.2	1.1	4.0	62.6
PENNSYLVANIA	47	15	1.8	12.6	.7	1.4	4.6	36.2	21.4	56.9	.6	1.4	25.9
NORTH CENTRAL REGION	259	86	17.8	132.2	6.5	12.5	39.3	420.0	214.4	633.7	24.1	15.9	311.5
EAST NORTH CENTRAL DIVISION	205	71	14.7	109.6	4.6	9.0	28.3	386.7	190.0	560.5	22.9	12.8	274.1
OHIO	21	7	1.8	13.1	.9	1.7	4.9	42.9	17.0	57.2	1.2	1.8	29.0
INDIANA	20	7	1.2	8.2	.4	.9	3.5	16.4	9.9	25.9	(D)	1.1	9.3
ILLINOIS	112	41	8.0	61.6	1.5	3.0	7.9	271.7	121.0	381.0	17.4	7.1	193.9
MICHIGAN[6]	33	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WISCONSIN	19	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST NORTH CENTRAL DIVISION	54	15	3.2	22.7	1.9	3.5	11.1	42.3	24.3	65.1	1.3	3.1	37.4
MINNESOTA	19	4	2.4	17.4	1.7	3.1	10.0	25.2	13.9	38.4	1.1	2.0	20.3
IOWA	10	2	.2	.9	(Z)	.1	.3	3.9	2.4	6.0	(D)	(D)	(D)
MISSOURI	16	8	.6	3.9	.2	.3	.7	12.0	7.5	18.9	.1	.9	15.5
SOUTH REGION	136	27	3.3	17.8	1.8	3.4	8.3	41.6	28.6	69.0	2.9	2.3	23.4
SOUTH ATLANTIC DIVISION	75	12	1.3	8.1	.5	1.0	3.0	17.6	11.3	28.8	.7	1.0	11.2
MARYLAND	15	4	.3	2.0	.1	.1	.6	3.0	2.1	5.2	(D)	.1	2.2
DISTRICT OF COLUMBIA	22	4	.5	3.0	.2	.5	1.5	5.9	4.5	10.4	(D)	.4	4.2
VIRGINIA	12	2	.2	1.3	.2	.3	.7	2.4	1.4	3.7	.1	(D)	(D)
GEORGIA	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
EAST SOUTH CENTRAL DIVISION	28	10	1.7	7.7	1.2	2.2	4.9	18.2	14.0	31.0	2.0	.8	7.5
KENTUCKY	7	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	13	6	.6	2.6	.3	.5	1.1	8.3	9.5	17.2	.5	(D)	(D)
ALABAMA	8	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	33	5	.3	2.1	.1	.2	.4	5.8	3.4	9.2	.3	.5	4.6
TEXAS	24	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	All employees	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					(1,000)	
2731-- BOOK PUBLISHING--CON.													
WEST REGION	125	20	2.3	15.3	.6	1.1	3.6	33.4	17.0	50.3	1.3	1.8	22.6
MOUNTAIN DIVISION	18	1	.5	2.6	(Z)	(Z)	.1	2.6	2.2	5.2	(D)	.1	1.0
UTAH	5	-	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	107	19	1.8	12.7	.6	1.1	3.5	30.8	14.7	45.1	(D)	1.7	21.6
CALIFORNIA	95	19	1.8	12.5	.6	1.1	3.4	30.1	14.3	44.1	1.1	1.6	20.9
2731-11 PUBLISHING ONLY													
UNITED STATES	352	119	30.4	303.3	5.9	10.9	31.3	1 256.9	666.4	1 949.1	45.4	33.9	4.1
NORTHEAST REGION	435	132	25.6	202.9	3.1	5.5	18.0	775.0	474.7	1 96.1	(D)	5.1	403.4
NEW ENGLAND DIVISION	58	14	3.0	21.1	.3	.5	1.5	117.2	55.3	166.4	(D)	1.9	81.7
MASSACHUSETTS	36	12	2.8	20.0	.1	.3	1.0	114.5	53.9	162.3	6.7	(D)	(D)
MIDDLE ATLANTIC DIVISION	377	118	22.6	181.9	2.8	5.0	16.4	757.7	419.4	1 119.7	18.3	32.3	321.7
NEW YORK	313	98	19.8	162.4	2.0	3.7	12.2	636.0	366.0	988.8	17.4	17.8	447.7
NEW JERSEY	27	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.8	60.8
PENNSYLVANIA	37	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	13.3
NORTH CENTRAL REGION	206	64	10.5	78.4	1.8	3.6	10.0	328.7	159.8	472.9	18.5	6.6	195.5
EAST NORTH CENTRAL DIVISION	166	55	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.1	180.2
OHIO	16	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	5.3
INDIANA	13	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
ILLINOIS	97	35	7.4	56.8	1.1	2.3	5.5	282.4	117.1	368.0	(D)	5.0	163.7
MICHIGAN[6]	25	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WISCONSIN	15	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST NORTH CENTRAL DIVISION	40	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	10.7
MISSOURI	12	5	.5	3.1	.1	.1	.3	10.6	6.6	16.6	.1	.3	10.5
SOUTH REGION	107	16	1.7	9.3	.6	1.0	2.2	27.9	19.8	47.3	.9	.7	11.4
SOUTH ATLANTIC DIVISION	61	8	.6	4.1	.1	.1	.3	10.8	7.6	18.6	(D)	.4	6.5
MARYLAND	13	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
GEORGIA	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
EAST SOUTH CENTRAL DIVISION	21	5	.9	3.6	.5	.9	1.7	11.9	9.2	20.6	.6	.2	2.3
KENTUCKY	6	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
TENNESSEE	8	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
ALABAMA	7	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST SOUTH CENTRAL DIVISION	25	3	.2	1.6	.1	.1	.2	5.2	2.9	8.1	(D)	.1	2.6
WEST REGION	104	16	1.9	12.7	.4	.7	2.4	27.4	14.1	41.7	(D)	1.3	17.3
MOUNTAIN DIVISION	15	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.4
UTAH	4	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
PACIFIC DIVISION	89	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	17.4
CALIFORNIA	78	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
2731-13 PUBLISHING AND PRINTING													
UNITED STATES	170	59	12.3	86.6	7.3	13.9	44.1	196.7	94.4	286.7	9.7	14.0	169.7
NORTHEAST REGION	67	22	3.0	21.6	1.2	2.2	7.4	76.7	28.0	103.7	(D)	2.6	35.0
MIDDLE ATLANTIC DIVISION	53	21	2.9	21.3	1.1	2.1	7.2	75.9	27.6	102.5	1.8	2.4	33.1
NEW YORK	37	13	1.9	14.6	.7	1.3	4.5	56.2	18.7	73.6	.9	1.4	18.6
NEW JERSEY	6	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.8
PENNSYLVANIA	10	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	12.7
NORTH CENTRAL REGION	53	22	7.4	53.8	4.7	8.9	29.3	100.3	54.6	152.7	5.7	9.2	118.0
EAST NORTH CENTRAL DIVISION	39	16	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.6	93.3
OHIO	5	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	23.7
INDIANA	7	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
ILLINOIS	15	6	.7	4.8	.4	.8	2.4	9.3	4.0	13.0	(D)	2.0	30.3
MICHIGAN	8	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WISCONSIN	4	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST NORTH CENTRAL DIVISION	14	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.6	24.7
MINNESOTA	5	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MISSOURI	4	3	.2	.8	.1	.2	.5	1.4	1.0	2.3	(Z)	.6	5.1
SOUTH REGION	29	11	1.6	8.6	1.2	2.4	6.1	13.7	8.9	21.6	1.9	1.6	12.0
SOUTH ATLANTIC DIVISION	14	4	.7	4.1	.5	.9	2.7	6.8	3.6	10.2	(D)	.6	4.8
DISTRICT OF COLUMBIA	5	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
VIRGINIA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
EAST SOUTH CENTRAL DIVISION	7	5	.9	4.1	.7	1.4	3.2	6.3	4.8	10.4	1.3	.6	5.2
KENTUCKY	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
TENNESSEE	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2731-13 PUBLISHING AND PRINTING--CON.													
WEST REGION	21	4	.4	2.6	.2	.4	1.2	6.0	2.9	8.7	(D)	.6	4.7
PACIFIC DIVISION	18	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
CALIFORNIA	17	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
2732-- BOOK PRINTING													
UNITED STATES	744	316	44.7	297.9	36.7	73.4	227.9	510.9	273.0	787.4	45.9	36.1	358.3
NORTHEAST REGION	338	138	19.2	131.0	15.7	31.6	102.1	211.0	104.3	317.7	16.9	16.6	160.3
NEW ENGLAND DIVISION	64	35	7.4	47.7	6.2	12.0	38.0	75.3	29.0	106.5	7.6	6.1	51.7
VERMONT	7	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MASSACHUSETTS	35	19	5.5	35.9	4.5	8.8	28.2	54.9	20.2	77.0	6.2	4.6	39.3
RHODE ISLAND	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
CONNECTICUT	11	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.4
MIDDLE ATLANTIC DIVISION	274	103	11.8	83.3	9.5	19.6	64.2	135.7	75.4	211.2	9.3	10.5	108.6
NEW YORK	177	64	7.3	54.7	5.9	11.8	41.3	92.7	53.9	146.7	4.2	6.8	76.6
NEW JERSEY	35	12	1.1	7.7	.9	1.9	6.6	10.5	4.4	14.9	1.9	1.3	10.8
PENNSYLVANIA	62	27	3.4	20.8	2.8	5.8	16.2	32.6	17.0	49.6	3.2	2.4	21.3
NORTH CENTRAL REGION	171	75	13.1	90.4	10.8	21.3	68.2	162.8	97.0	261.1	22.5	11.2	116.6
EAST NORTH CENTRAL DIVISION	123	51	11.0	76.8	9.2	18.3	59.0	141.0	85.2	227.5	21.9	8.9	96.5
OHIO	32	13	2.2	16.0	1.9	4.1	12.4	30.6	18.0	48.2	4.1	2.0	22.3
INDIANA	24	10	5.2	33.6	4.4	8.6	26.9	58.6	34.2	95.5	(D)	3.8	36.7
ILLINOIS	37	13	1.2	10.9	1.0	1.9	7.9	19.9	9.3	28.9	1.9	1.9	24.3
MICHIGAN	24	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WISCONSIN	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST NORTH CENTRAL DIVISION	48	24	2.1	13.7	1.6	3.0	9.2	21.8	11.8	33.6	.6	2.2	20.1
MINNESOTA	9	6	.3	2.2	.3	.5	1.6	3.2	1.8	5.0	(Z)	.2	1.8
IOWA	6	4	.2	1.6	.2	.4	1.1	2.3	1.8	4.0	(D)	(2)	(2)
MISSOURI	24	11	1.4	9.0	1.0	2.0	6.0	15.1	7.4	22.5	.3	1.2	11.7
SOUTH REGION	150	71	10.2	59.3	8.4	16.9	44.6	109.0	53.0	162.3	5.7	6.7	60.9
SOUTH ATLANTIC DIVISION	83	40	4.8	30.2	4.0	7.6	23.2	52.6	30.7	82.7	2.3	3.4	30.6
MARYLAND	20	14	2.0	13.3	1.7	3.4	10.2	24.7	14.0	38.0	(D)	1.0	8.9
DISTRICT OF COLUMBIA	10	7	.8	5.9	.7	1.1	4.5	9.4	7.2	16.7	(D)	.6	6.2
VIRGINIA	11	4	.7	3.6	.6	1.2	2.7	7.4	3.0	10.3	.1	(2)	(2)
NORTH CAROLINA	7	2	.5	2.5	.4	.7	2.0	3.9	2.8	6.6	.3	.4	3.0
SOUTH CAROLINA	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.0
FLORIDA	19	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.9
EAST SOUTH CENTRAL DIVISION	27	16	3.4	17.9	2.8	5.9	13.1	31.8	13.6	46.6	2.5	2.0	16.8
TENNESSEE	11	10	3.0	15.4	2.5	5.2	11.4	28.1	11.1	40.3	2.3	(2)	(2)
ALABAMA	9	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST SOUTH CENTRAL DIVISION	40	15	2.0	11.2	1.6	3.4	8.2	24.6	8.7	32.9	.9	1.3	13.5
TEXAS	25	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	10.2
WEST REGION	85	32	2.2	17.2	1.8	3.6	13.0	28.1	18.6	46.4	.8	1.7	20.4
MOUNTAIN DIVISION	23	8	.6	4.3	.5	1.0	3.1	6.2	6.8	12.7	(D)	.6	9.2
COLORADO	6	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
PACIFIC DIVISION	62	24	1.6	12.9	1.3	2.5	9.9	21.9	11.8	33.7	(D)	1.0	11.2
CALIFORNIA	57	19	1.4	11.5	1.1	2.3	8.9	19.1	10.4	29.4	.4	.9	9.8
2741-- MISCELLANEOUS PUBLISHING													
UNITED STATES	1 493	204	31.1	197.4	15.0	25.6	79.7	417.5	184.5	605.3	10.0	22.6	252.9
NORTHEAST REGION	591	82	12.1	78.8	3.7	5.9	20.8	152.4	60.0	222.2	4.0	9.5	113.6
NEW ENGLAND DIVISION	92	14	1.4	6.9	.8	1.3	3.0	16.0	6.1	22.2	.7	1.1	11.2
MASSACHUSETTS	46	7	.6	3.0	.4	.6	1.5	5.2	2.3	7.5	.1	.6	4.6
CONNECTICUT	30	4	.6	2.9	.2	.4	.9	9.5	3.2	12.8	.3	.4	5.7
MIDDLE ATLANTIC DIVISION	499	68	10.7	71.9	3.0	4.6	17.8	136.4	53.8	200.0	3.2	8.4	102.4
NEW YORK	411	50	7.3	51.6	2.2	3.3	12.6	114.9	40.3	155.4	2.0	7.2	89.7
NEW JERSEY	45	12	2.9	18.2	.4	.7	3.9	17.2	11.4	38.2	1.1	.8	8.9
PENNSYLVANIA	43	6	.5	2.0	.4	.6	1.2	4.3	2.1	6.4	.1	.5	3.8
NORTH CENTRAL REGION	386	63	11.5	75.5	6.3	11.6	34.3	179.6	94.4	270.6	4.1	7.4	92.0
EAST NORTH CENTRAL DIVISION	276	51	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
OHIO	57	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
INDIANA	22	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
ILLINOIS	96	27	5.3	42.3	2.3	4.1	15.0	93.3	47.5	139.9	.9	4.2	67.9
MICHIGAN	71	8	2.7	14.7	1.9	3.8	10.0	47.3	15.2	61.9	1.9	.6	4.2
WISCONSIN	30	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.8

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2741-MISCELLANEOUS PUBLISHING--CON.													
NORTH CENTRAL REGION--CON.													
WEST NORTH CENTRAL DIVISION	110	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MINNESOTA	28	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
IOWA[e]	33	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.9
MISSOURI	24	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	1.0
KANSAS	14	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.0
SOUTH REGION	267	27	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.7	20.3
SOUTH ATLANTIC DIVISION	117	14	1.7	11.3	.7	1.3	4.0	21.2	7.1	26.7	.3	1.5	10.8
DISTRICT OF COLUMBIA	20	3	.5	4.1	.1	.1	.4	7.0	3.2	10.0	.1	.4	4.3
VIRGINIA	6	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
FLORIDA[e]	53	5	.3	1.7	.2	.3	1.0	2.9	1.9	4.8	.1	.2	1.4
EAST SOUTH CENTRAL DIVISION	68	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	4.0
TENNESSEE	49	3	.3	1.3	.1	.2	.5	2.9	1.7	4.7	(Z)	(2)	(2)
WEST SOUTH CENTRAL DIVISION	82	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	5.5
TEXAS	60	6	.8	3.5	.5	.8	2.0	7.3	2.3	9.2	.2	.6	4.6
WEST REGION	249	32	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.9	27.0
MOUNTAIN DIVISION	27	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.0
COLORADO	8	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
PACIFIC DIVISION	222	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.4	22.1
WASHINGTON	16	4	.4	1.6	.3	.4	1.2	3.4	1.0	4.4	.1	.2	1.9
CALIFORNIA	193	22	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	19.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. X Not applicable. (NA) Not available. D Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Newspapers (SIC 2711)			Periodicals (SIC 2721)		
	Total	Daily (SIC 2711-11)	Weekly and others (SIC 2711-13)	Total	Publishing only (SIC 2721-11)	Publishing and printing (SIC 2721-13)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.97	(NA)	(NA)	.89	(NA)	(NA)
COVERAGE RATIO[2]	1.00	(NA)	(NA)	.97	(NA)	(NA)
ESTABLISHMENTS, TOTAL .NUMBER	8 094	1 554	6 540	2 510	2 186	324
WITH 1 TO 19 EMPLOYEES .DO	6 065	189	5 876	2 056	1 825	231
WITH 20 TO 99 EMPLOYEES .DO	1 453	854	599	331	268	63
WITH 100 EMPLOYEES OR MORE .DO	576	511	65	123	93	30
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	335.9	270.9	65.0	79.1	61.7	17.4
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	2 223.7	1 903.2	320.5	633.7	510.3	123.4
PRODUCTION WORKERS:						
AVERAGE FOR YEAR 1,000	169.2	130.2	39.0	14.5	7.3	7.2
MARCH .DO	172.2	129.2	43.0	14.9	7.4	7.5
MAY .DO	169.2	130.9	38.3	14.2	7.3	6.9
AUGUST .DO	167.8	129.8	38.0	14.4	7.3	7.1
NOVEMBER .DO	169.1	131.0	38.1	14.6	7.5	7.1
MAN-HOURS .MILLIONS	302.0	235.0	67.0	25.2	12.1	13.1
JANUARY-MARCH .DO	75.1	57.0	18.1	6.5	3.2	3.3
APRIL-JUNE .DO	75.3	59.1	16.2	6.2	3.0	3.2
JULY-SEPTEMBER .DO	74.7	58.4	16.3	6.2	2.9	3.3
OCTOBER-DECEMBER .DO	76.9	60.5	16.4	6.3	3.0	3.3
WAGES MILLION DOLLARS	1 121.5	950.3	171.2	80.5	34.1	46.4
COST OF MATERIALS, ETC., TOTAL .DO	1 573.6	1 338.5	235.1	1 234.1	1 131.5	102.6
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	1 438.2	1 235.9	202.3	510.3	442.6	67.7
COST OF RESALES .DO	14.9	8.7	6.2	83.0	76.0	7.0
FUELS CONSUMED .DO	7.1	5.4	1.7	1.6	1.2	.4
PURCHASED ELECTRIC ENERGY .DO	25.0	20.0	5.0	4.5	3.2	1.3
CONTRACT WORK .DO	88.4	68.4	20.0	634.6	608.5	26.2
VALUE OF RECEIPTS, INCLUDING RESALES .DO	5 757.1	4 901.8	855.3	3 095.9	2 718.5	377.4
VALUE OF RESALES .DO	18.3	11.3	7.0	143.7	132.6	11.1
VALUE ADDED BY MANUFACTURE .DO	4 184.7	3 564.2	620.5	1 868.7	1 594.6	274.1
MANUFACTURERS' INVENTORIES:						
BEGINNING OF YEAR, TOTAL .DO	137.3	121.6	15.7	157.1	125.1	32.0
FINISHED PRODUCTS .DO	5.1	1.3	3.8	59.8	45.8	14.0
WORK IN PROCESS .DO	1.8	1.2	.6	30.6	23.5	7.1
MATERIALS, SUPPLIES, FUEL, ETC. .DO	130.3	119.1	11.2	66.7	55.8	10.9
END OF YEAR, TOTAL .DO	162.5	138.1	24.3	164.9	135.0	29.9
FINISHED PRODUCTS .DO	6.4	2.1	4.4	70.9	57.6	13.3
WORK IN PROCESS .DO	2.1	1.4	.7	26.5	19.3	7.2
MATERIALS, SUPPLIES, FUEL, ETC. .DO	154.0	134.7	19.3	67.5	58.1	9.4
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	265.0	221.4	43.5	60.5	49.0	11.5
NEW PLANT AND EQUIPMENT, TOTAL .DO	246.7	210.6	36.1	58.0	46.8	11.2
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	74.4	61.4	13.0	24.8	21.2	3.6
NEW MACHINERY AND EQUIPMENT .DO	172.4	149.2	23.1	33.2	25.6	7.6
USED PLANT AND EQUIPMENT .DO	18.3	10.8	7.5	2.4	2.2	.2

See footnotes at end of table

TABLE 3. Detailed Statistics: 1967–Continued

Item	Book publishing (SIC 2731)			Book printing (SIC 2732)	Miscellaneous printing (SIC 2741)
	Total	Publishing only (SIC 2731-11)	Printing and publishing (SIC 2731-13)		
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.95	(NA)	(NA)	.81	.93
COVERAGE RATIO[2]	.86	(NA)	(NA)	.70	.89
ESTABLISHMENTS, TOTAL .NUMBER	1 022	852	170	744	1 493
WITH 1 TO 19 EMPLOYEES .DO	737	626	111	428	1 289
WITH 20 TO 99 EMPLOYEES .DO	179	143	36	240	153
WITH 100 EMPLOYEES OR MORE .DO	106	83	23	76	51
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	52.0	39.6	12.3	44.7	31.1
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	389.9	303.3	86.6	297.9	197.4
PRODUCTION WORKERS:					
AVERAGE FOR YEAR 1,000	13.3	5.9	7.3	36.7	15.0
MARCH .DO	13.2	5.9	7.3	37.6	16.4
MAY .DO	13.0	5.8	7.2	38.2	14.8
AUGUST .DO	13.6	6.2	7.4	36.6	14.3
NOVEMBER .DO	13.4	5.9	7.5	34.6	14.4
MAN-HOURS .MILLIONS	24.8	10.9	13.9	73.4	25.6
JANUARY-MARCH .DO	6.3	2.9	3.4	19.0	6.7
APRIL-JUNE .DO	6.0	2.6	3.4	19.3	6.3
JULY-SEPTEMBER .DO	6.2	2.8	3.4	18.0	6.2
OCTOBER-DECEMBER .DO	6.3	2.7	3.6	17.1	6.4
WAGES MILLION DOLLARS	76.6	32.5	44.1	227.9	79.7
COST OF MATERIALS, ETC., TOTAL .DO	762.8	668.4	94.4	273.0	184.5
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	252.4	186.4	66.0	224.4	79.5
COST OF RESALES .DO	27.5	21.2	6.3	5.2	7.8
FUELS CONSUMED .DO	.9	.4	.5	1.7	.4
PURCHASED ELECTRIC ENERGY .DO	2.3	1.3	.9	4.6	1.5
CONTRACT WORK .DO	479.7	459.1	20.6	37.1	95.2
VALUE OF RECEIPTS, INCLUDING RESALES .DO	2 134.8	1 848.1	286.7	787.4	605.3
VALUE OF RESALES .DO	52.3	43.9	8.4	6.6	8.0
VALUE ADDED BY MANUFACTURE .DO	1 456.6	1 259.9	196.7	510.9	417.5
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL .DO	498.3	432.6	65.7	71.8	45.8
FINISHED PRODUCTS .DO	323.6	292.1	31.5	14.7	22.7
WORK IN PROCESS .DO	122.8	100.1	22.7	29.8	10.2
MATERIALS, SUPPLIES, FUEL, ETC. .DO	51.8	40.3	11.5	27.3	12.9
END OF YEAR, TOTAL .DO	582.5	513.0	69.5	68.4	41.1
FINISHED PRODUCTS .DO	407.4	368.8	38.6	11.9	14.2
WORK IN PROCESS .DO	123.7	103.8	19.9	29.0	15.5
MATERIALS, SUPPLIES, FUEL, ETC. .DO	51.4	40.4	11.0	27.5	11.4
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	55.5	45.6	10.0	48.1	11.0
NEW PLANT AND EQUIPMENT, TOTAL .DO	55.1	45.4	9.7	45.9	10.0
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	22.2	19.0	3.2	10.7	2.8
NEW MACHINERY AND EQUIPMENT .DO	32.9	26.4	6.5	35.2	7.2
USED PLANT AND EQUIPMENT .DO	.4	.2	.2	2.2	1.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2711-- NEWSPAPERS											
ESTABLISHMENTS, TOTAL	8 094	335.9	2 223.7	169.2	302.0	1 121.5	4 184.7	1 573.6	5 757.1	246.7	162.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	3 685	6.4	27.1	6.3	8.1	17.9	70.8	31.6	102.4	9.5	3.1
5 TO 9 EMPLOYEES[e]	1 386	9.3	41.0	6.2	11.0	24.7	79.4	34.1	113.5	6.0	3.1
10 TO 19 EMPLOYEES	994	13.6	64.8	7.9	15.2	35.9	114.8	38.9	153.6	7.1	4.0
20 TO 49 EMPLOYEES	1 010	30.7	151.4	16.5	30.3	76.8	267.6	75.7	343.2	15.9	9.8
50 TO 99 EMPLOYEES	443	30.6	165.9	15.0	27.2	81.8	301.0	69.2	369.7	20.6	10.9
100 TO 249 EMPLOYEES	337	51.7	319.3	24.5	44.6	155.0	594.3	143.5	737.4	42.5	21.7
250 TO 499 EMPLOYEES	131	46.8	310.8	22.5	40.3	156.3	614.2	180.5	794.6	26.2	18.5
500 TO 999 EMPLOYEES	53	40.0	285.2	17.3	31.5	131.4	566.8	218.6	785.2	32.0	20.6
1,000 TO 2,499 EMPLOYEES	46	70.3	552.4	34.4	63.0	286.4	1 064.7	493.2	1 558.0	68.2	46.6
2,500 EMPLOYEES OR MORE	9	36.4	305.8	18.6	31.0	155.3	511.2	288.4	799.5	18.7	24.1
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	4 600	13.4	55.7	11.2	16.7	36.4	125.8	56.3	182.1	8.6	5.3
2711-11 DAILY											
ESTABLISHMENTS, TOTAL	1 554	270.9	1 903.2	130.2	235.0	950.3	3 564.2	1 338.5	4 901.8	210.6	138.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	9	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	(Z)	(Z)
5 TO 9 EMPLOYEES	29	.2	.9	.1	.1	.3	2.4	.7	3.1	.1	(Z)
10 TO 19 EMPLOYEES	151	2.1	10.2	1.2	2.2	5.7	19.4	4.1	23.4	.9	.6
20 TO 49 EMPLOYEES	503	16.0	83.9	8.4	16.0	43.0	151.4	32.8	184.2	9.6	5.8
50 TO 99 EMPLOYEES	351	24.4	137.1	11.9	21.9	67.2	255.5	50.4	305.5	18.0	9.3
100 TO 249 EMPLOYEES	288	44.6	279.9	21.0	38.5	137.7	534.2	120.2	654.2	39.1	19.4
250 TO 499 EMPLOYEES	121	81.1	558.5	37.1	66.7	271.1	1 119.1	374.5	1 493.5	124.2	36.6
500 TO 999 EMPLOYEES	50	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	43	66.0	526.8	32.1	58.6	270.0	970.9	467.2	1 438.2	(D)	42.2
2,500 EMPLOYEES OR MORE	9	36.4	305.8	18.6	31.0	155.3	511.2	288.4	799.5	18.7	24.1
ESTABS. COVERED BY ADMIN. RECORDS[1]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2711-13 WEEKLY AND OTHERS											
ESTABLISHMENTS, TOTAL	6 540	65.0	320.5	39.0	67.0	171.2	620.5	235.1	855.3	36.1	24.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	3 676	6.4	27.0	6.3	8.0	17.9	70.6	31.5	102.1	9.5	3.1
5 TO 9 EMPLOYEES[e]	1 357	9.1	40.1	6.1	10.9	24.3	77.0	33.4	110.4	5.9	3.1
10 TO 19 EMPLOYEES	843	11.5	54.6	6.8	12.9	30.2	95.4	34.9	130.2	6.2	3.4
20 TO 49 EMPLOYEES	507	14.7	67.5	8.1	14.3	33.8	116.2	42.8	159.0	6.3	4.0
50 TO 99 EMPLOYEES	92	6.2	28.8	3.2	5.3	14.6	45.5	18.8	64.2	2.6	1.6
100 TO 249 EMPLOYEES	49	7.1	39.5	3.4	6.1	17.3	60.1	23.3	83.2	3.5	2.3
250 TO 499 EMPLOYEES	10	5.7	37.4	2.8	5.2	16.5	61.9	24.5	86.4	2.2	2.5
500 TO 999 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES[e]	3	4.3	25.6	2.3	4.4	16.4	93.8	26.0	119.8	(D)	4.4
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	4 598	13.4	55.7	11.2	16.7	36.4	125.7	56.2	182.0	8.6	5.3
2721-- PERIODICALS											
ESTABLISHMENTS, TOTAL	2 510	79.1	633.7	14.5	25.2	80.5	1 868.7	1 234.1	3 095.9	58.0	164.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	1 474	2.3	16.9	1.1	.3	1.5	57.6	39.0	96.7	10.2	3.6
5 TO 9 EMPLOYEES	299	2.0	16.3	.3	.7	2.0	44.9	30.0	74.8	(D)	1.9
10 TO 19 EMPLOYEES	283	3.8	28.6	.7	1.4	3.5	82.6	39.2	121.7	.9	2.2
20 TO 49 EMPLOYEES	253	7.8	58.6	1.7	2.9	9.1	147.3	86.0	233.3	2.1	8.3
50 TO 99 EMPLOYEES	78	5.3	39.6	1.4	2.3	6.4	99.2	54.2	153.6	1.6	4.1
100 TO 249 EMPLOYEES	73	11.3	89.8	2.4	4.4	15.0	263.7	126.9	389.7	5.8	16.4
250 TO 499 EMPLOYEES	26	9.5	78.6	1.1	2.1	7.2	224.2	159.6	384.2	8.0	30.2
500 TO 999 EMPLOYEES	9	6.4	49.6	1.4	2.7	8.6	207.1	127.7	336.3	6.6	12.5
1,000 TO 2,499 EMPLOYEES	12	19.6	151.5	4.2	8.3	26.8	457.4	326.0	775.5	15.7	80.0
2,500 EMPLOYEES OR MORE	3	11.2	104.3	.2	.2	.4	284.7	245.4	530.1	7.0	5.7
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	1 384	2.3	16.3	1.1	.4	1.6	55.2	35.9	91.1	.2	3.8
2721-11 PUBLISHING ONLY											
ESTABLISHMENTS, TOTAL	2 186	61.7	510.3	7.3	12.1	34.1	1 594.6	1 131.5	2 718.5	46.8	135.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	1 316	2.0	15.4	.9	.1	.8	55.2	37.9	93.1	10.1	3.4
5 TO 9 EMPLOYEES	258	1.7	14.7	.2	.4	1.3	41.8	29.0	70.7	(D)	1.7
10 TO 19 EMPLOYEES	251	3.3	26.1	.5	1.0	2.4	77.7	37.8	115.4	.8	2.0
20 TO 49 EMPLOYEES	206	6.3	49.3	.9	1.5	4.7	127.7	80.2	207.9	1.3	7.2
50 TO 99 EMPLOYEES	62	4.2	33.2	.9	1.3	3.6	86.0	50.5	136.6	1.3	3.4
100 TO 249 EMPLOYEES	58	9.0	72.7	1.3	2.3	7.1	226.0	111.0	336.1	5.0	14.6
250 TO 499 EMPLOYEES	18	6.6	59.7	.4	.7	2.4	181.4	129.9	312.1	3.4	22.0
500 TO 999 EMPLOYEES	6	4.3	36.4	.4	.8	2.6	183.0	119.0	301.6	5.8	9.1
1,000 TO 2,499 EMPLOYEES	8	13.1	98.6	1.7	3.6	9.0	331.2	290.7	614.8	12.1	66.0
2,500 EMPLOYEES OR MORE	3	11.2	104.3	.2	.2	.4	284.7	245.4	530.1	7.0	5.7
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	1 209	1.9	14.1	.8	(Z)	.7	51.6	34.2	85.8	.2	3.4

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2721-13 PUBLISHING AND PRINTING											
ESTABLISHMENTS, TOTAL	324	17.4	123.4	7.2	13.1	46.4	274.1	102.6	377.4	11.2	29.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	158	.3	1.5	.2	.2	.7	2.4	1.1	3.5	.1	.2
5 TO 9 EMPLOYEES	41	.3	1.6	.1	.2	.7	3.0	1.0	4.0	(D)	.2
10 TO 19 EMPLOYEES	32	.4	2.5	.2	.4	1.1	4.9	1.3	6.2	.1	.2
20 TO 49 EMPLOYEES	47	1.5	9.3	.8	1.4	4.5	19.6	5.8	25.4	.8	1.1
50 TO 99 EMPLOYEES	16	1.1	6.4	.6	.9	2.8	13.3	3.7	17.0	.3	.7
100 TO 249 EMPLOYEES	15	2.3	17.1	1.1	2.1	7.9	37.7	15.9	53.6	.8	1.8
250 TO 499 EMPLOYEES	8	3.0	18.9	.7	1.3	4.9	42.9	29.7	72.1	4.6	8.3
500 TO 999 EMPLOYEES	3	2.0	13.2	.9	1.9	6.0	24.1	8.8	34.7	.9	3.4
1,000 TO 2,499 EMPLOYEES	4	6.6	52.9	2.5	4.7	17.9	126.2	35.3	160.7	3.6	14.0
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	175	.4	2.2	.3	.3	1.0	3.7	1.7	5.4	(Z)	.4
2731-- BOOK PUBLISHING											
ESTABLISHMENTS, TOTAL	1 022	52.0	389.9	13.3	24.8	76.6	1 456.6	762.8	2 134.8	55.1	582.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	496	.7	4.2	.4	.2	.6	19.0	13.6	32.3	.1	7.0
5 TO 9 EMPLOYEES	135	.9	6.1	.2	.4	1.0	22.4	17.4	39.8	.2	8.7
10 TO 19 EMPLOYEES	104	1.4	10.5	.4	.8	2.2	34.9	26.0	60.6	1.2	12.6
20 TO 49 EMPLOYEES	116	3.4	24.3	.9	1.6	4.9	69.3	56.7	124.4	1.4	27.5
50 TO 99 EMPLOYEES	63	4.5	32.9	1.2	2.4	7.6	122.5	84.9	198.0	3.6	63.2
100 TO 249 EMPLOYEES	62	9.8	67.8	2.3	4.3	11.2	283.6	158.8	419.1	7.8	108.5
250 TO 499 EMPLOYEES	27	9.6	69.1	2.8	5.7	17.5	255.3	150.2	396.9	6.0	102.5
500 TO 999 EMPLOYEES	10	6.8	59.2	1.4	2.6	8.9	213.9	76.1	275.3	21.2	83.4
1,000 TO 2,499 EMPLOYEES	8	14.7	116.1	3.6	6.7	22.7	435.6	179.2	588.3	13.7	169.1
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	493	1.0	5.3	.4	.3	.8	21.0	15.2	36.2	.1	8.3
2731-11 PUBLISHING ONLY											
ESTABLISHMENTS, TOTAL	852	39.6	303.3	5.9	10.9	32.5	1 259.9	668.4	1 848.1	45.4	513.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	419	.6	3.6	.3	.1	.3	17.5	12.9	30.1	1.5	6.7
5 TO 9 EMPLOYEES	114	.7	5.3	.1	.2	.6	21.0	16.5	37.6	(D)	8.4
10 TO 19 EMPLOYEES	91	1.2	9.6	.3	.5	1.6	32.8	25.1	57.5	(D)	12.1
20 TO 49 EMPLOYEES	92	2.7	19.6	.5	.9	2.6	60.5	50.6	109.4	1.0	26.1
50 TO 99 EMPLOYEES	51	3.7	27.4	.8	1.4	4.4	109.5	75.2	175.8	3.2	59.1
100 TO 249 EMPLOYEES	51	8.0	58.0	1.2	2.2	5.6	264.7	145.3	386.2	5.5	101.1
250 TO 499 EMPLOYEES	20	7.3	54.1	1.5	3.1	9.7	224.5	133.7	350.4	4.3	85.2
500 TO 999 EMPLOYEES	7	15.3	125.9	1.3	2.3	7.7	529.5	209.3	700.9	29.8	214.3
1,000 TO 2,499 EMPLOYEES	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	411	.8	4.5	.3	.1	.3	19.5	14.3	33.8	.1	7.8
2731-13 PUBLISHING AND PRINTING											
ESTABLISHMENTS, TOTAL	170	12.3	86.6	7.3	13.9	44.1	196.7	94.4	286.7	9.7	69.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	77	.1	.6	.1	.1	.4	1.5	.6	2.2	(Z)	.4
5 TO 9 EMPLOYEES	21	.1	.8	.1	.2	.5	1.3	.9	2.2	(D)	.4
10 TO 19 EMPLOYEES	13	.2	.9	.1	.3	.6	2.1	1.0	3.1	(D)	.5
20 TO 49 EMPLOYEES	24	.7	4.7	.4	.7	2.3	8.9	6.1	14.9	.3	1.5
50 TO 99 EMPLOYEES	12	.8	5.5	.5	.9	3.2	13.0	9.8	22.2	.3	4.1
100 TO 249 EMPLOYEES	11	1.8	9.8	1.2	2.2	5.6	19.0	13.5	32.9	2.3	7.3
250 TO 499 EMPLOYEES	7	2.4	15.0	1.3	2.6	7.8	30.8	16.5	46.5	1.7	17.3
500 TO 999 EMPLOYEES	3	6.2	49.4	3.6	7.0	23.9	120.1	46.0	162.7	5.1	38.2
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	82	.1	.8	.1	.2	.5	1.5	.9	2.4	(Z)	.5
2732-- BOOK PRINTING											
ESTABLISHMENTS, TOTAL	744	44.7	297.9	36.7	73.4	227.9	510.9	273.0	787.4	45.9	68.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	159	.3	1.6	.3	.4	1.2	4.9	2.5	7.4	1.5	.4
5 TO 9 EMPLOYEES	97	.7	5.0	.6	1.1	3.8	11.1	5.8	16.8	(D)	.8
10 TO 19 EMPLOYEES	172	2.4	17.1	1.9	3.9	12.3	31.6	17.7	49.0	1.4	2.4
20 TO 49 EMPLOYEES	164	5.1	36.6	4.0	7.8	26.1	62.2	34.1	96.1	2.6	5.1
50 TO 99 EMPLOYEES	76	4.9	35.6	4.1	8.0	26.5	61.1	35.9	96.8	5.6	6.4
100 TO 249 EMPLOYEES	39	5.9	41.7	4.9	9.8	32.6	68.3	37.0	105.1	4.3	8.6
250 TO 499 EMPLOYEES	21	7.3	46.5	6.0	12.0	36.1	76.5	48.7	125.8	13.0	14.0
500 TO 999 EMPLOYEES	8	5.9	37.6	5.1	10.4	30.5	63.4	31.0	93.9	5.8	8.1
1,000 TO 2,499 EMPLOYEES	7	12.3	76.3	10.0	19.9	58.9	131.7	60.3	196.4	11.8	22.7
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	151	.3	1.8	.3	.5	1.4	4.2	2.5	6.7	(Z)	.4

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967–Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2741-- MISCELLANEOUS PUBLISHING											
ESTABLISHMENTS, TOTAL	1 493	31.1	197.4	15.0	25.6	79.7	417.5	184.5	605.3	10.0	41.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	969	1.4	7.7	1.0	.7	2.7	19.2	13.3	32.4	.3	2.1
5 TO 9 EMPLOYEES[e]	187	1.2	7.4	.5	.8	2.5	15.9	10.0	26.0	.4	1.5
10 TO 19 EMPLOYEES	133	1.8	11.4	.8	1.4	4.1	25.9	15.2	41.4	.8	1.9
20 TO 49 EMPLOYEES	112	3.5	19.8	1.9	3.0	9.1	35.0	18.2	53.0	1.3	2.3
50 TO 99 EMPLOYEES	41	3.0	18.7	1.3	2.3	7.7	42.0	17.0	58.6	.9	3.5
100 TO 249 EMPLOYEES	26	3.9	24.7	2.5	4.6	14.4	58.0	22.8	80.1	.8	6.4
250 TO 499 EMPLOYEES	15	4.8	30.1	2.7	4.7	14.3	67.9	29.4	94.3	1.2	8.4
500 TO 999 EMPLOYEES	5	3.5	23.1	1.4	2.7	7.4	47.7	32.1	78.4	.5	8.7
1,000 TO 2,499 EMPLOYEES	5	7.9	54.7	2.8	5.4	17.6	105.9	26.5	141.0	3.6	6.2
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	966	1.8	9.2	1.2	.9	3.4	18.4	14.4	32.7	.4	2.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Receipts; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of receipts					Value of primary activities reported			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2711	Newspapers.....1967..	5,757.1	5,549.8	159.1	48.2	97	5,549.8	5,549.8	-	100
	1963..	4,483.6	4,254.7	192.8	36.0	96	4,254.7	4,254.7	-	100
2721	Periodicals.....1967..	3,095.9	2,599.5	335.8	160.6	89	2,668.2	2,599.5	68.7	97
	1963..	2,295.7	1,957.7	195.1	142.0	91	2,037.3	1,957.7	79.6	96
2731	Book publishing.....1967..	2,134.8	1,944.2	108.4	82.2	95	2,255.3	1,944.2	311.1	86
	1963..	1,534.6	1,359.4	113.6	61.7	93	1,547.8	1,359.4	188.4	88
2732	Book printing.....1967..	787.4	626.6	149.7	11.1	81	900.3	626.6	273.7	70
	1963..	546.6	419.4	118.4	8.7	78	607.0	419.4	187.6	69
2741	Miscellaneous publishing.....1967..	605.3	540.6	43.3	21.4	93	608.6	540.6	68.0	89
	1963..	389.6	348.6	28.6	12.4	92	413.4	348.6	64.8	84

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. rRevised.

TABLE 5B. Industry-Product Analysis—Receipts by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Item	All industries	Newspapers (SIC 2711)	Periodicals (SIC 2721)	Book publishing (SIC 2731)	Book printing (SIC 2732)	Miscellaneous publishing (SIC 2741)	Other industries
	Total value of receipts of the industry.....	(X)	5,757.1	3,095.9	2,134.8	787.4	605.3	(X)
2711-	Newspapers.....	5,549.8	5,549.8	(1)	(1)	(1)	(1)	(1)
	Daily and Sunday newspapers:							
27111	Receipts from subscriptions and sales.....	1,309.1	1,309.1	-	-	-	-	-
27112	Receipts from advertising.....	3,652.5	3,652.5	-	-	-	-	-
	Weekly and other newspapers:							
27113	Receipts from subscriptions and sales.....	78.2	78.2	(1)	-	(1)	(1)	(1)
27114	Receipts from advertising.....	243.2	243.2	(1)	-	(1)	(1)	(1)
27110	Newspapers, n.s.k.....	266.8	266.8	(1)	(1)	-	-	-

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Receipts by Product Class and Industry: 1967—Continued

Product code	Item	All industries	Newspapers (SIC 2711)	Periodicals (SIC 2721)	Book publishing (SIC 2731)	Book printing (SIC 2732)	Miscellaneous publishing (SIC 2741)	Other industries
	Total value of receipts of the industry--Continued							
2721-	Periodicals	2,668.2	6.1	2,599.5	48.2	(under 2)	11.1	(2-5)
	Farm Periodicals:							
27211	Receipts from subscriptions and sales	11.3	(under 2)	10.7	-	(under 2)	(under 2)	(under 2)
27212	Receipts from advertising	45.7	(under 2)	43.4	(under 2)	(under 2)	-	(under 2)
	Specialized business and professional periodicals:							
27213	Receipts from subscriptions and sales	149.6	(under 2)	132.3	15.3	-	(under 2)	(under 2)
27214	Receipts from advertising	524.9	(under 2)	514.4	5.0	-	5.5	(under 2)
	General periodicals:							
27215	Receipts from subscriptions and sales	593.5	(under 2)	580.2	12.0	-	(under 2)	(under 2)
27216	Receipts from advertising	879.5	(under 2)	873.6	(2-5)	-	(under 2)	(under 2)
27217	Other periodicals, n.e.c.; receipts from subscriptions, sales, and advertising	284.2	3.2	265.9	11.0	(under 2)	2.2	(under 2)
27210	Periodicals, n.s.k	179.5	-	179.0	-	-	(under 2)	(under 2)
2731-	Book publishing	2,255.3	0.2	271.8	1,944.2	(under 2)	13.6	(20-50)
27311	Text books, including teachers' editions	733.6	-	5.5	722.6	(under 2)	5.4	(under 2)
27312	Subscription reference books, hardbound	216.3	-	(under 2)	210.5	-	-	(over 2)
27313	Technical, scientific and professional books	240.2	(under 2)	27.0	197.2	(under 2)	2.9	13.0
27314	Religious books	110.4	-	7.7	99.4	(under 2)	(under 2)	(2-5)
27315	General books (trade, etc.)	657.7	(under 2)	143.2	510.2	-	(2-5)	(under 2)
27316	Other books and pamphlets	200.1	(under 2)	87.6	108.7	-	2.5	(under 2)
27310	Books and pamphlets, n.s.k	97.0	(under 2)	(under 2)	95.6	-	-	(under 2)
2732-	Book printing	900.3	2.5	.5	13.8	626.6	5.1	251.8
27321	Book and pamphlet printing and bookbinding (lithographic process)	601.0	(under 2)	(under 2)	4.1	418.4	(2-5)	173.0
27322	Book and pamphlet printing and bookbinding (other than lithographic process)	254.2	(under 2)	(under 2)	(5-10)	167.7	(under 2)	(50-100)
27320	Bookprinting, n.s.k	45.0	-	-	(under 2)	40.5	-	(2-5)
2741-	Miscellaneous publishing	608.6	7.0	46.2	12.0	(under 2)	540.6	(2-5)
27411	Catalogs and directories publishing	184.6	(under 2)	6.5	(under 2)	-	176.8	(under 2)
27412	Business service publications	123.0	-	(2-5)	(under 2)	(under 2)	117.5	(under 2)
27413	Other miscellaneous publishing	231.8	(5-10)	36.2	9.9	(under 2)	177.4	(under 2)
27410	Miscellaneous publishing, n.s.k	69.2	-	(under 2)	-	-	68.9	(under 2)
	Other product receipts by 4-digit product group							
2751-	Commercial printing, except lithographic	(X)	99.4	7.0	3.1	35.7	3.3	(X)
2752-	Commercial printing, lithographic	(X)	35.0	4.6	(10-29)	87.0	(2-5)	(X)
2789-	Bookbinding and related work	(X)	-	(under 2)	10.7	13.0	(under 2)	(X)
2791-	Typesetting	(X)	.4	(under 2)	-	10.5	-	(X)
2793-	Photoengraving	(X)	7.5	(under 2)	-	-	(under 2)	(X)
3999-	Manufactured products, n.e.c	(X)	-	-	(2-5)	-	(under 2)	(X)
	Other secondary products	(X)	1.0	5.1	3.7	2.7	2.5	(X)
	Miscellaneous receipts	(X)	48.2	160.6	82.2	11.1	21.4	(X)
93000	Contract work	(X)	-	5.4	16.5	(under 2)	1.6	(X)
99989	Resales	(X)	18.3	143.7	52.3	6.6	8.0	(X)
99980	Other miscellaneous receipts	(X)	29.9	11.6	13.4	(2-5)	11.8	(X)

Product code	Item	Other industries
	Listing of the other industries with over $2 million receipts of the primary products	
2731-	1941 Sighting and fire control equipment	(over 2)
2731-	2752 Commercial printing, lithographic	7.8
2731-	2789 Bookbinding and related work	(2-5)
2731-	3662 Radio and TV communication equipment	7.4

Product code	Item	Other industries
	Listing of the other industries with over $2 million shipment of the primary products--Continued	
2732-	2751 Commercial printing, except lithographic	81.5
2732-	2752 Commercial printing, lithographic	156.3
2732-	2761 Manifold business forms	4.1

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]An insignificant amount reported for this industry is included with the figure for the Newspaper Industry.

TABLE 6A. Products and Product Classes–Quantity and Value of Receipts by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967		1963	
		Aggregate average circulation per issue[1] (1,000)	Total receipts (million dollars)	Aggregate average circulation per issue[1] (1,000)	Total receipts (million dollars)
2711- --	NEWSPAPERS, TOTAL	(X)	5,549.8	(X)	4,254.7
	Total receipts for daily and Sunday newspapers[2]	(X)	4,961.6	(X)	3,792.0
27111 --	Daily and Sunday newspapers: receipts from subscriptions and sales	(X)	1,309.1	(X)	1,064.4
27111 01	Morning (no Sunday editions)	3,442	71.4	2,602	43.2
27111 11	Evening (no Sunday editions)	14,446	225.3	13,971	180.8
27111 22	Morning and Sunday:				
	Morning editions	13,482	349.3	13,897	262.6
	Sunday editions	18,141		17,766	
27111 32	Evening and Sunday:				
	Evening editions	14,172	274.2	14,224	266.9
	Sunday editions	17,380		18,200	
27111 42	Morning and evening (no Sunday editions):				
	Morning editions	252	10.4	313	10.0
	Evening editions	399		404	
27111 52	Morning, evening, and Sunday:				
	Morning editions	10,754	378.2	9,730	300.9
	Evening editions	9,580		8,598	
	Sunday editions	16,608		15,674	
27111 00	Daily and Sunday newspapers: receipts from subscriptions and sales n.s.k.	(X)	3.4	(X)	(X)
27112 --	Daily and Sunday newspapers: receipts from advertising	(X)	3,652.5	(X)	2,727.5
27112 01	Morning (no Sunday editions)	(X)	134.7	(X)	81.1
27112 11	Evening (no Sunday editions)	(X)	683.6	(X)	500.2
27112 22	Morning and Sunday	(X)	951.2	(X)	628.2
27112 32	Evening and Sunday	(X)	780.1	(X)	672.9
27112 42	Morning and evening (no Sunday editions)	(X)	30.9	(X)	26.6
27112 52	Morning, evening, and Sunday	(X)	1,064.9	(X)	818.5
27112 00	Daily and Sunday newspapers: receipts from advertising, n.s.k.	(X)	7.1	(X)	(X)
	Total receipts for weekly and other newspapers	(X)	[4]321.4	(X)	378.9
27113 --	Weekly and other newspapers: receipts from subscriptions and sales	(X)	[4]78.2	(X)	82.9
27113 62	Weekly newspapers (including those issued on Sunday only)	([3])	[4]65.9	([3])	69.6
27113 98	Other newspapers (including those issued more frequently than once a week but less than 4 times a week, also those issued less frequently than once a week)	([3])	[4]12.3	([3])	13.3
27114 --	Weekly and other newspapers: receipts from advertising	(X)	[4]243.2	(X)	296.0
27114 62	Weekly newspapers (including those issued on Sunday only)	(X)	[4]182.3	(X)	218.7
27114 98	Other newspapers (including those issued more frequently than once a week but less than 4 times a week, also those issued less frequently than once a week)	(X)	[4]60.9	(X)	77.3
27110 00	Newspapers not specified by frequency and receipts undistributed between subscriptions and sales and advertising (For companies with 10 or more employees. See Note.)	(X)	84.9	(X)	83.9
27110 02	Newspapers not specified by frequency and receipts undistributed between subscriptions and sales and advertising. (For companies with less than 10 employees. See Note.)	(X)	[4]181.9	(X)	(X)
2721- --	PERIODICALS, TOTAL	X)	2,668.2	(X)	2,035.5
27211 --	Farm periodicals: Receipts from subscriptions and sales	11,968	11.3	14,305	8.5
27211 12	General	10,219	9.2	12,087	6.6
27211 16	Specialized	1,896	2.1	2,218	1.8
27212 --	Farm periodicals: Receipts from advertising	(X)	45.7	(X)	45.6
27212 11	General	(X)	31.9	(X)	36.5
27212 15	Specialized	(X)	13.8	(X)	9.0

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Receipts by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967		1963	
		Aggregate average circulation per issue[1] (1,000)	Total receipts (million dollars)	Aggregate average circulation per issue[1] (1,000)	Total receipts (million dollars)
2721- --	PERIODICALS--Continued				
27213 --	Specialized business and professional periodicals: Receipts from subscriptions and sales	(X)	149.6	(X)	122.7
27213 07	Industrial, engineering, and technical	e12,952	44.8	12,113	30.9
27213 13	Merchandising	(NA)	24.3	(S)	20.3
27213 17	Professional, institutional and service	e8,303	72.2	(S)	56.1
27213 00	Specialized business and professional: Receipts from subscription and sales, n.s.k.	(X)	8.3	(X)	15.3
27214 --	Specialized business and professional periodicals: Receipts from advertising	(X)	524.9	(X)	412.7
27214 11	Industrial, engineering, and technical	(X)	307.9	(X)	216.5
27214 13	Merchandising	(X)	120.7	(X)	106.4
27214 15	Professional, institutional, and service	(X)	87.2	(X)	65.2
27214 00	Specialized business and professional: Receipts from advertising, n.s.k.	(X)	9.1	(X)	24.5
27215 --	General periodicals: Receipts from subscriptions and sales	(X)	593.5	(X)	456.7
27215 14	Comics	15,178	8.5	27,594	10.9
	Women and home services:				
27215 43	Subscription sales	42,358	63.4	41,357	59.7
27215 45	Single copy sales	32,183	53.8	31,216	52.6
	General interest and entertainment:				
27215 53	Subscription sales	90,955	231.8	66,634	181.0
27215 55	Single copy sales	45,612	158.2	35,867	98.1
	General news:				
27215 63	Subscription sales	8,038	47.6	6,021	29.1
27215 65	Single copy sales	1,614	10.8	1,354	5.9
27215 74	Business news: Subscription sales and single copy sales	1,409	15.0	(S)	12.8
27215 00	General: Receipts from subscriptions and sales, n.s.k.	(X)	4.4	(X)	6.6
27216 --	General periodicals: Receipts from advertising	(X)	879.5	(X)	710.6
27216 13	Comics	(X)	0.4	(X)	0.5
27216 43	Women and home services	(X)	245.0	(X)	203.7
27216 53	General interest and entertainment	(X)	457.3	(X)	380.2
27216 63	General news	(X)	145.8	(X)	105.8
27216 73	Business news	(X)	24.9	(X)	15.2
27216 00	General: Receipts from advertising, n.s.k.	(X)	6.1	(X)	5.2
27217 --	Other periodicals: Receipts from subscriptions and sales and advertising	(X)	284.2	(X)	230.2
	Subscription and single copy sales:				
27217 03	Religious	57,358	69.0	58,595	65.7
27217 05	Magazine and comic supplements for Sunday newspapers	24,912	21.0	34,325	26.0
	Periodicals, n.e.c.:				
27217 07	Subscription sales	e38,048	71.6	39,812	53.6
27217 08	Single copy sales	e6,897	14.1	9,211	7.9
	Advertising receipts:				
27217 33	Religious	(X)	12.9	(X)	6.2
27217 35	Magazine and comic supplements for Sunday newspapers	(X)	47.5	(X)	41.3
27217 37	Periodicals, n.e.c.	(X)	36.4	(X)	25.1
27217 00	Other periodicals: Receipts from subscriptions and sales and advertising advertising, n.s.k.	(X)	11.7	(X)	4.3
27210 00	Periodicals, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	88.4	(X)	48.5
27210 02	Periodicals, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	91.1	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Receipts by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total receipts including interplant transfers			
		1967		1963	
		Number of copies sold (million)	Receipts (million dollars)	Number of copies sold (million)	Receipts (million dollars)
2731- --	BOOK PUBLISHING, TOTAL	(X)	2,255.3	(X)	1,547.8
27311 --	Textbooks, including teachers' editions	(X)	733.6	(X)	471.1
	Elementary (grades k to 8):				
27311 11	Hardbound	85.1	180.6	54.9	112.7
27311 12	Paperbound	30.0	24.3	38.5	21.7
	High school (grades 9 to 12):				
27311 13	Hardbound	36.3	122.7	32.9	97.8
27311 14	Paperbound	11.6	14.9	9.4	8.8
	College (grades 13 and over, including private business and secretarial school and post high school vocational schools, institutes and training):				
27311 15	Hardbound	41.2	226.6	24.2	131.7
27311 16	Paperbound	16.7	32.7	9.3	14.9
27311 17	Work books, all levels paperbound	124.3	88.6	106.3	61.1
27311 18	Standardized tests, including both tests and answer sheets, objective tests, manuals, etc. (all grades) paperbound	188.0	28.5	137.3	19.3
27311 00	Text books, n.s.k	(X)	14.7	(X)	3.1
27312 11	Subscription reference books, hardbound	33.1	216.3	35.7	207.3
27313 --	Technical, scientific and professional books	(X)	240.2	(X)	156.3
27313 11	Lawbooks (designed for the profession)	8.4	74.0	6.5	57.4
27313 13	Medical books, including nursing and dental subjects (designed for the profession)	8.5	41.0	4.1	24.1
27313 16	Business books (nonfiction books on business for adult readers in the profession)	3.7	20.1	1.2	5.6
27313 19	Other technical, scientific and professional books	15.5	93.5	29.6	63.0
27313 00	Technical, scientific and professional books, n.s.k	(X)	11.6	(X)	6.2
27314 --	Religious books	(X)	110.4	(X)	81.1
27314 15	Bibles and testaments, hardbound and paperbound	10.5	36.7	15.3	26.4
27314 23	Hymnals and devotionals, including prayer books and missals, hardbound and paperbound	7.8	15.4	4.7	8.2
	Other religious books, including books of fiction on nonfiction dealing with religious subjects for adult and juvenile reading:				
27314 25	Hardbound	14.7	29.7	16.9	31.3
27314 27	Paperbound	24.1	15.7	22.5	12.6
27314 00	Religious books, n.s.k	(X)	12.9	(X)	2.6
27315 --	General books (trade, etc.)	(X)	657.7	(X)	458.2
27315 13	Book club books, hardbound and paperbound	147.2	201.5	75.7	143.4
27315 31	Wholesaled paperbound books usually of digest size (4-1/4" X 6-1/2") and distributed 50 percent or more through magazine wholesalers[5]	201.1	67.7	241.4	60.5
	Adult trade books, books of fiction or nonfiction sold primarily through booksellers (retail and wholesale) at trade discounts:				
27315 41	Hardbound	32.7	148.9	40.2	108.5
27315 43	Paperbound	148.6	82.7	48.9	34.5
	Juvenile books (except toy books), books of fiction or nonfiction sold primarily thorugh book dealers (retail and wholesale) at trade discounts:				
27315 61	$1.00 and over retail hardbound and paperbound	65.3	107.5	55.1	72.7
27315 63	Under $1.00 retail, hardbound and paperbound	144.3	35.1	120.5	31.3
27315 00	General books (trade, etc.), n.s.k	(X)	14.3	(X)	7.3
27316 --	Other books and pamphlets	(X)	200.1	(X)	154.8
	Other books:				
27316 11	Hardbound	29.5	108.1	(S)	84.4
	Paperbound	(S)	(S)	41.4	25.9
27316 14	Music	(S)	(S)	(NA)	(NA)
27316 16	Other	17.8	14.9	(NA)	(NA)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Receipts by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total receipts including interplant transfers			
		1967		1963	
		Number of copies sold (million)	Receipts (million dollars)	Number of copies sold (million)	Receipts (million dollars)
	BOOK PUBLISHING--Continued				
	Other books and pamphlets--Continued				
	Pamphlets:				
27316 41	Religious	69.9	2.1	(S)	(S)
27316 43	Music	(S)	(S)		
27316 49	Other	(S)	41.6	(S)	32.9
27316 00	Other books and pamphlets, n.s.k.	(X)	21.4	(X)	6.6
27310 00	Books and pamphlets, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	60.8	(X)	18.9
27310 02	Books and pamphlets, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	36.2		

Product code	Product	Value of receipts including interplant transfers (million dollars)	
		1967	1963
2732- --	BOOK PRINTING, TOTAL	900.3	607.0
27321 --	Book and pamphlet printing and bookbinding (lithographic process)	601.0	344.2
	Printing only:		
27321 31	Text books	45.5	75.8
27321 33	General books (book club books, wholesaled paperbound books usually of digest size, and adult trade books)	16.6	
27321 35	Juvenile books	5.6	
27321 39	Other books, including subscription reference books; technical, scientific and professional books; and religious books	28.3	
	Printing and binding:		
27321 41	Text books	123.1	161.8
27321 43	General books (book club books, wholesaled paperbound books usually of digest size, and adult trade books)	77.7	
27321 45	Juvenile books	13.7	
27321 49	Other books, including subscription reference books; technical, scientific and professional books; and religious books	105.6	
	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) excluding advertising circulars and pamphlets:		
	Lithographic:		
27321 51	Printing only	58.9	36.5
27321 55	Printing and binding	100.2	55.2
27321 00	Book and pamphlet printing and bookbinding (lithographic process), n.s.k.	25.8	14.9
27322 --	Book and pamphlet printing and bookbinding (other than lithographic process)	254.1	241.7
	Printing only:		
27322 31	Text books	14.2	26.2
27322 33	General books (book club books, wholesaled paperbound books usually of digest size, and adult trade books)	5.6	
27322 35	Juvenile books	1.1	
27322 39	Other books, including subscription reference books; technical, scientific, and professional books; and religious books	7.5	
	Printing and binding:		
27322 41	Text books	30.0	165.4
27322 43	General books (book club books, wholesaled paperbound books usually of digest size, and adult trade books)	57.2	
27322 45	Juvenile books	6.9	
27322 49	Other books, including subscription reference books; technical, scientific, and professional books; and religious books	56.9	
	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers), excluding advertising circulars and pamphets:		
	Other than lithographic:		
27322 51	Printing only	15.5	14.7
27322 55	Printing and binding	39.4	21.5
27322 00	Book and pamphlet printing and book binding (other than lithographic process) n.s.k.	19.9	13.9
27320 00	Book printing, n.s.k. (For companies with 10 or more employees. See Note.)	38.3	21.1
27320 02	Book printing, n.s.k. (For companies with less than 10 employees. See Note.)	6.7	

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Receipts by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Value of receipts including interplant transfers (million dollars)	
		1967	1963
2741- --	MISCELLANEOUS PUBLISHING	608.6	413.4
27411 --	Catalogs and directories, publishing	184.6	133.0
27411 11	Directories	136.2	94.4
27411 21	Catalogs	42.6	31.4
27411 00	Catalogs and directories, n.s.k.	5.8	7.2
27412 --	Business service publications	123.0	101.6
27412 13	Business service newsletters, excluding publications which are cumulated in looseleaf index form.	16.5	27.0
27412 15	Other business service publications, looseleaf and hardbound, including tax, credit, government regulations, cumulative indexes, etc.	105.1	74.6
27412 00	Business service publications, n.s.k.	1.4	-
27413 --	Other miscellaneous publishing	231.8	158.2
27413 11	Cards, other than greeting cards, including picture postcards, souvenir cards, etc.	15.2	11.8
27413 21	Shopping news	26.4	18.1
27413 31	Sheet music except music in book form)	(S)	(S)
27413 65	Maps, hydrographic charts, atlases, gazetteers, and globe covers	54.5	35.2
27413 95	Racing forms	24.1	20.8
27413 96	Patterns (including clothing patterns)	95.9	[6]44.5
27413 98	Other miscellaneous publications (e.g., almanacs)		
27413 00	Other miscellaneous publishing, n.s.k.	4.9	13.9
27410 00	Miscellaneous publishing, n.s.k. (For companies with 10 or more employees. See Note.)	36.2	20.6
27410 02	Miscellaneous publishing, n.s.k. (For companies with less than 10 employees. See Note.)	33.0	

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]Includes paid, free, bulk, etc. The term "issue" has been defined to mean the sum of all "editions" published on a given day, in the case of the establishment publishing newspapers on a combined frequency of issue basis (morning and Sunday, evening and Sunday, etc.). Separate average circulation figures were figured for the morning editions, evening editions, and Sunday editions.

[2]Includes all daily and Sunday newspapers published in the United States whether in English or foreign languages. (See text for a more complete description of what constitutes a newspaper in the census of manufactures.)

[3]Circulation data for weekly and other newspapers is not shown because this information was not reported by many small newspapers.

[4]In 1967 establishments with less than 10 employees were not required to file a report specifying their source of receipts but were required to furnish that information in 1963. Thus a substantial portion of product code 2711002 would be included in these codes.

[5]Distributed 75 percent or more through magazine wholesalers in 1963.

[6]In 1963 there was $38.6 million of shipments of patterns reported in industry 2649, Converted Paper Products, N.E.C. In 1967 all patterns are included in industry 2741, Miscellaneous Publishing.

TABLE 6B. Product Classes-Value of Receipts of All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of receipts	
	1967	1963
DAILY, SUNDAY NEWSPAPERS--SUBSCRIPTIONS AND SALES (27111)		
United States	1 313.8	1 064.4
Northeast Region	443.8	361.7
New England Div.	108.2	91.0
Maine	7.4	5.9
New Hampshire	4.1	2.9
Vermont	2.1	1.7
Massachusetts	70.4	57.7
Rhode Island	7.7	6.0
Connecticut	16.5	16.9
Middle Atlantic Div.	335.6	270.7
New York	195.1	154.7
New Jersey	43.5	31.9
Pennsylvania	97.0	84.2
North Central Region	395.2	323.5
East North Central Div.	298.6	241.7
Ohio	82.8	65.0
Indiana	38.5	29.2
Illinois	87.6	71.4
Michigan	58.1	52.9
Wisconsin	31.7	23.2
West North Central Div.	96.6	81.8
Minnesota	25.0	21.7
Iowa	20.0	17.5
Missouri	28.7	23.2
North Dakota	3.3	2.6
South Dakota	2.9	2.6
Nebraska	8.3	7.2
Kansas	8.4	6.9
South Region	272.3	215.4
South Atlantic Div.	144.8	117.3
Delaware	BB	(1)
Maryland	19.4	15.0
District of Columbia	19.8	17.5
Virginia	16.9	13.9
West Virginia	8.7	7.1
North Carolina	24.1	14.7
South Carolina	CC	(1)
Georgia	16.9	13.4
Florida	28.5	26.9
East South Central Div.	48.9	40.2
Kentucky	12.5	10.5
Tennessee	20.3	17.4
Alabama	12.2	9.4
Mississippi	3.8	3.0
West South Central Div.	78.6	57.9
Arkansas	6.4	4.4
Louisiana	12.7	9.6
Oklahoma	14.1	8.7
Texas	45.4	35.2
West Region	202.6	163.8
Mountain Div.	40.7	36.1
Montana	3.2	2.8
Idaho	2.9	2.5
Colorado	11.4	9.9
New Mexico	2.7	2.4
Arizona	9.0	(1)
Utah	6.7	4.6
Nevada	4.0	5.4
DAILY, SUNDAY NEWSPAPERS--SUBSCRIPTIONS AND SALES (27111)--Continued		
West Region--Continued		
Pacific Div.	161.8	127.7
Washington	21.7	18.5
Oregon	10.3	8.5
California	123.6	96.5
Alaska	AA	(D)
Hawaii	BB	3.3
DAILY, SUNDAY NEWSPAPERS--ADVERTISING (27112)		
United States	3 660.4	2 727.5
Northeast Region	997.9	735.9
New England Div.	231.6	173.3
Maine	10.1	8.0
New Hampshire	7.3	5.5
Vermont	4.3	3.5
Massachusetts	131.8	99.9
Rhode Island	20.6	15.3
Connecticut	57.4	41.0
Middle Atlantic Div.	766.3	562.6
New York	434.4	302.5
New Jersey	103.9	88.0
Pennsylvania	228.0	172.2
North Central Region	1 031.0	787.1
East North Central Div.	764.3	576.3
Ohio	223.0	161.9
Indiana	98.2	71.8
Illinois	225.8	173.5
Michigan	151.2	116.6
Wisconsin	66.0	52.4
West North Central Div.	266.8	210.8
Minnesota	61.9	49.8
Iowa	42.9	35.1
Missouri	98.9	74.9
North Dakota	7.1	5.3
South Dakota	6.8	5.7
Nebraska	22.0	18.4
Kansas	27.3	21.6
South Region	890.5	675.0
South Atlantic Div.	482.4	363.9
Delaware	CC	(1)
Maryland	54.4	38.9
District of Columbia	GG	63.5
Virginia	48.7	40.1
West Virginia	19.1	(1)
North Carolina	45.2	37.8
South Carolina	23.3	18.0
Georgia	55.3	42.3
Florida	142.6	101.2
East South Central Div.	125.3	96.9
Kentucky	31.5	24.4
Tennessee	48.7	37.4
Alabama	33.5	26.3
Mississippi	11.5	8.9
DAILY, SUNDAY NEWSPAPERS--ADVERTISING (27112)--Con.		
South Region--Continued		
West South Central Div.	282.7	214.2
Arkansas	15.1	12.5
Louisiana	44.0	34.3
Oklahoma	44.3	29.6
Texas	179.4	137.8
West Region	740.9	529.4
Mountain Div.	137.1	106.5
Montana	8.8	7.0
Idaho	8.3	6.7
Wyoming	BB	(1)
Colorado	44.1	32.0
New Mexico	11.2	9.5
Arizona	FF	(1)
Utah	20.2	15.5
Nevada	8.7	5.4
Pacific Div.	603.7	422.9
Washington	61.1	43.8
Oregon	38.0	28.6
California	487.7	339.0
Alaska	BB	(1)
Hawaii	EE	(1)
WEEKLY, OTHER NEWSPAPERS--SUBSCRIPTIONS AND SALES (27113)		
United States	78.2	82.9
Northeast Region	30.3	29.7
New England Div.	7.3	7.2
Massachusetts	5.1	4.5
Connecticut	1.3	1.6
Middle Atlantic Div.	23.0	22.5
New York	10.4	10.5
New Jersey	3.3	3.2
Pennsylvania	9.3	8.8
North Central Region	22.2	26.6
East North Central Div.	16.8	17.7
Ohio	2.5	4.0
Indiana	1.0	1.3
Illinois	8.2	5.9
Michigan	2.8	4.5
Wisconsin	2.4	2.0
West North Central Div.	5.4	8.9
Minnesota	1.7	2.0
Iowa	1.4	1.8
Missouri	1.3	2.3
South Region	16.1	15.2
South Atlantic Div.	11.2	8.0
Maryland	1.8	1.4
Florida	6.0	1.3
East South Central Div.	1.8	2.7
West South Central Div.	3.1	4.5
Louisiana	1.2	(D)
Texas	1.4	1.9

See footnotes at end of table.

TABLE 6B. Product Classes-Value of Receipts of All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of receipts	
	1967	1963
WEEKLY, OTHER NEWSPAPERS--SUBSCRIPTIONS AND SALES (27113)--Continued		
West Region	9.6	11.3
Mountain Div.	2.3	4.4
Colorado	1.3	2.9
Pacific Div.	7.3	6.9
Washington	1.2	(D)
California	5.4	4.9
WEEKLY, OTHER NEWSPAPERS--ADVERTISING (27114)		
United States	243.2	296.0
Northeast Region	61.2	68.3
New England Div.	15.1	16.0
Maine	1.1	1.6
New Hampshire	1.3	1.3
Massachusetts	8.2	8.8
Connecticut	3.5	3.2
Middle Atlantic Div.	46.1	52.3
New York	16.5	21.3
New Jersey	15.1	15.5
Pennsylvania	14.5	15.5
North Central Region	77.7	95.2
East North Central Div.	57.9	60.9
Ohio	7.5	13.0
Indiana	3.5	4.7
Illinois	28.8	25.3
Michigan	12.1	11.3
Wisconsin	5.9	6.6
West North Central Div.	19.8	34.3
Minnesota	6.4	8.0
Iowa	3.8	7.2
Missouri	5.4	8.9
Nebraska	2.2	4.4
Kansas	1.2	3.6
South Region	42.8	57.3
South Atlantic Div.	27.8	27.9
Maryland	6.2	4.9
Virginia	3.2	3.7
West Virginia	1.3	1.2
North Carolina	4.5	4.8
Georgia	2.9	3.9
Florida	8.2	6.5
East South Central Div.	6.1	11.1
Kentucky	1.7	2.8
Tennessee	1.6	3.3
Alabama	1.5	2.5
Mississippi	1.4	2.4
West South Central Div.	8.9	18.3
Arkansas	1.3	1.8
Louisiana	1.8	2.8
Texas	4.9	10.9
West Region	61.5	75.3
Mountain Div.	5.5	10.7
Colorado	1.8	3.4
Arizona	1.0	2.0
Pacific Div.	56.1	64.6
Washington	5.7	5.6
Oregon	BB	4.7
California	45.2	52.8
Hawaii	AA	1.4
FARM PERIODICALS, SUBSCRIPTIONS AND SALES (27211)		
United States	11.3	8.5
Northeast Region	3.3	3.4
Middle Atlantic Div.	BB	(D)
New York	1.0	(D)
Pennsylvania	BB	(1)
North Central Region	5.3	3.5
East North Central Div.	2.4	1.4
West North Central Div.	2.9	2.1
Iowa	AA	(D)
Kansas	AA	(D)
South Region	1.5	(D)
West Region	1.2	(D)
FARM PERIODICALS, ADVERTISING (27212)		
United States	45.7	45.6
Northeast Region	14.3	11.7
Middle Atlantic Div.	EE	(D)
New York	3.9	(D)
Pennsylvania	CC	(1)
North Central Region	23.5	27.3
East North Central Div.	13.4	9.2
Ohio	BB	3.3
Illinois	6.6	(1)
Wisconsin	BB	(1)
West North Central Div.	10.2	18.1
Minnesota	AA	(1)
Iowa	4.0	(1)
Missouri	3.1	2.2
South Region	4.9	4.2
South Atlantic Div.	1.3	(D)
East South Central Div.	2.4	(D)
Tennessee	AA	(D)
West South Central Div.	1.2	(D)
West Region	3.0	2.3
Pacific Div.	BB	(D)
California	1.3	1.0
BUSINESS, PROFESSIONAL PERIODICALS SUBSCRIPTIONS AND SALES (27213)		
United States	149.6	122.7
Northeast Region	96.0	69.5
New England Div.	4.1	4.4
Massachusetts	BB	3.0
Connecticut	AA	1.3
Middle Atlantic Div.	91.8	65.1
New York	79.6	53.1
New Jersey	3.5	3.2
Pennsylvania	8.8	8.9
North Central Region	29.2	26.8
East North Central Div.	25.3	21.0
Ohio	3.7	2.6
Illinois	17.9	14.7
Michigan	1.1	1.5
Wisconsin	2.0	1.7
BUSINESS, PROFESSIONAL PERIODICALS SUBSCRIPTIONS AND SALES (27213)--Con.		
North Central Region--Continued		
West North Central Div.	3.9	5.8
Minnesota	1.4	2.1
Missouri	2.2	3.0
South Region	13.3	15.6
South Atlantic Div.	12.3	(D)
Maryland	BB	1.7
District of Columbia	7.8	10.0
Georgia	AA	(1)
West Region	11.1	10.7
Mountain Div.	CC	(D)
Colorado	CC	(1)
Pacific Div.	BB	(D)
California	2.7	5.5
BUSINESS, PROFESSIONAL PERIODICALS/ADVERTISING (27214)		
United States	524.9	412.7
Northeast Region	308.1	235.1
New England Div.	11.8	9.9
Massachusetts	BB	5.1
Connecticut	7.9	4.6
Middle Atlantic Div.	296.2	225.2
New York	245.5	194.6
New Jersey	FF	11.7
Pennsylvania	FF	19.0
North Central Region	169.2	123.6
East North Central Div.	145.6	104.9
Ohio	36.4	24.5
Indiana	BB	2.2
Illinois	94.4	68.2
Michigan	8.0	6.4
Wisconsin	BB	3.7
West North Central Div.	23.6	18.7
Minnesota	13.6	11.4
Missouri	8.7	5.1
South Region	28.4	31.0
South Atlantic Div.	16.2	18.6
Maryland	BB	(D)
District of Columbia	6.7	11.3
Georgia	5.1	4.3
Florida	1.3	(D)
East South Central Div.	2.2	2.3
Tennessee	BB	1.6
West South Central Div.	10.1	10.1
Oklahoma	CC	(1)
Texas	4.0	5.0
West Region	19.3	22.9
Mountain Div.	CC	6.7
Colorado	CC	(1)
Pacific Div.	EE	16.2
California	8.9	14.6

See footnotes at end of table.

TABLE 6B. Product Classes-Value of Receipts of All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of receipts 1967	Value of receipts 1963
GENERAL PERIODICALS, SUBSCRIPTIONS AND SALES (27215)		
United States	593.5	458.6
Northeast Region	435.3	361.4
New England Div	16.5	14.6
Massachusetts	BB	(1)
Connecticut	EE	(1)
Middle Atlantic Div	418.8	346.8
New York	GG	(D)
New Jersey	BB	(D)
Pennsylvania	GG	(D)
North Central Region	68.7	41.1
East North Central Div	45.0	23.4
Ohio	2.5	1.5
Illinois	33.4	14.2
Michigan	BB	(D)
Wisconsin	BB	(1)
West North Central Div	23.6	17.7
Minnesota	BB	(D)
Iowa	EE	(1)
Missouri	BB	(D)
South Region	68.3	43.0
South Atlantic Div	66.3	(D)
Maryland	EE	(1)
District of Columbia	GG	(D)
West South Central Div	AA	(D)
West Region	21.2	13.1
Pacific Div	20.4	(D)
California	19.6	12.3
GENERAL PERIODICALS, ADVERTISING (27216)		
United States	879.5	710.6
Northeast Region	GG	640.4
New England Div	FF	(D)
Massachusetts	2.7	1.6
Connecticut	EE	(1)
Middle Atlantic Div	733.4	(D)
New York	GG	528.7
New Jersey	CC	(D)
Pennsylvania	GG	(1)
North Central Region	69.5	34.1
East North Central Div	32.8	(D)
Ohio	4.8	2.5
Illinois	26.2	10.6
Wisconsin	AA	(D)
West North Central Div	36.7	(D)
Minnesota	AA	(D)
Iowa	FF	(1)
Missouri	BB	(1)
South Region	FF	25.5
South Atlantic Div	FF	(D)
District of Columbia	FF	(1)
West Region	23.8	10.6
Mountain Div	1.8	1.9
Utah	AA	(D)
GENERAL PERIODICALS, ADVERTISING (27216)--Continued		
West Region--Continued		
Pacific Div	22.1	8.7
Washington	AA	(D)
California	20.7	8.5
OTHER PERIODICALS (EXCEPT SHOPPING NEWS, CATALOGS) (27217)		
United States	284.2	230.2
Northeast Region	135.9	126.8
New England Div	5.1	11.1
Massachusetts	3.5	(1)
Connecticut	AA	(1)
Middle Atlantic Div	130.8	115.7
New York	99.0	83.1
New Jersey	CC	(1)
Pennsylvania	FF	(1)
North Central Region	94.1	67.8
East North Central Div	70.5	46.6
Ohio	25.6	23.1
Indiana	9.4	3.1
Illinois	32.0	17.9
Wisconsin	BB	(D)
West North Central Div	23.5	21.2
Minnesota	3.5	4.8
Missouri	19.5	15.0
South Region	47.7	31.4
South Atlantic Div	26.5	10.9
District of Columbia	22.3	8.0
Florida	2.4	1.7
East South Central Div	18.3	17.3
Tennessee	17.8	16.5
West South Central Div	2.8	3.2
Texas	2.4	2.5
West Region	6.5	4.3
Pacific Div	CC	(D)
California	5.8	3.3
TEXTBOOKS, INCLUDING TEACHERS' EDITIONS (27311)		
United States	733.6	471.1
Northeast Region	536.0	350.3
New England Div	128.8	92.9
Massachusetts	127.6	(1)
Middle Atlantic Div	407.1	257.4
New York	317.4	195.1
New Jersey	77.3	49.3
Pennsylvania	12.5	12.9
North Central Region	167.2	100.5
East North Central Div	155.2	91.0
Ohio	32.0	21.2
Indiana	BB	3.1
Illinois	109.6	61.3
Michigan	BB	(1)
Wisconsin	7.9	(1)
TEXTBOOKS, INCLUDING TEACHERS' EDITIONS (27311)--Continued		
North Central Region--Continued		
West North Central Div	12.0	9.5
Minnesota	4.7	(1)
Iowa	4.2	(D)
Missouri	BB	(1)
South Region	EE	9.7
South Atlantic Div	CC	(D)
Maryland	AA	(D)
Georgia	CC	(1)
East South Central Div	AA	(D)
West South Central Div	CC	(D)
Oklahoma	BB	(1)
Texas	BB	(1)
West Region	EE	10.7
Pacific Div	15.7	10.7
California	15.7	(1)
TECHNICAL, SCIENTIFIC AND PROFESSIONAL BOOKS (27313)		
United States	240.2	156.3
Northeast Region	163.8	90.0
New England Div	4.8	3.4
Massachusetts	BB	(D)
Middle Atlantic Div	159.0	86.6
New York	115.9	63.8
New Jersey	22.0	12.2
Pennsylvania	21.1	10.5
North Central Region	61.1	36.5
East North Central Div	26.6	14.4
Ohio	1.7	(1)
Indiana	CC	(1)
Illinois	13.8	10.1
Wisconsin	BB	(D)
West North Central Div	34.5	22.1
Minnesota	FF	(1)
Missouri	EE	(1)
South Region	7.8	8.6
South Atlantic Div	CC	(D)
Maryland	BB	2.4
Georgia	AA	(D)

See footnotes at end of table.

TABLE 6B. Product Classes-Value of Receipts of All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of receipts 1967	Value of receipts 1963
TECHNICAL, SCIENTIFIC AND PROFESSIONAL BOOKS 27313[1]--Continued		
East South Central Div....	BB	D[1]
Alabama....	BB	[1]
West Region....	7.4	21.3
Pacific Div....	CC	(D)
California....	CC	20.6
RELIGIOUS BOOKS (27314)		
United States....	110.4	81.1
Northeast Region....	38.9	35.5
New England Div....	AA	2.1
Middle Atlantic Div....	FF	33.4
New York....	21.7	21.0
New Jersey....	CC	4.9
Pennsylvania....	9.5	7.6
North Central Region....	46.0	34.0
East North Central Div....	41.1	26.4
Ohio....	CC	(1)
Indiana....	BB	2.1
Illinois....	16.4	10.1
Michigan....	14.3	5.4
West North Central Div....	4.9	7.6
Missouri....	BB	6.8
South Region....	18.5	10.0
South Atlantic Div....	BB	(D)
Maryland....	AA	(D)
District of Columbia....	BB	(1)
East South Central Div....	13.4	(D)
Tennessee....	13.4	6.7
West Region....	7.0	1.6
Mountain Div....	BB	(D)
Utah....	BB	(D)
Pacific Div....	BB	(D)
California....	BB	1.5
GENERAL BOOKS (TRADE, ETC.) (27315)		
United States....	657.7	458.2
Northeast Region....	545.2	404.0
New England Div....	36.6	19.0
Massachusetts....	EE	(1)
Connecticut....	FF	(1)
Middle Atlantic Div....	508.5	385.0
New York....	479.0	371.2
New Jersey....	20.7	8.4
Pennsylvania....	8.8	5.4
North Central Region....	102.7	41.5
East North Central Div....	GG	(D)
Ohio....	EE	(1)
Indiana....	BB	(1)
Illinois....	35.8	5.1
Wisconsin....	FF	(1)
West North Central Div....	EE	(D)
Iowa....	EE	(1)
GENERAL BOOKS (TRADE, ETC.) 27315)--Continued		
South Region....	4.0	7.4
East South Central Div....	BB	(D)
Kentucky....	BB	(1)
West Region....	5.8	5.3
Pacific Div....	5.8	(D)
California....	5.8	(1)
OTHER BOOKS AND PAMPHLETS (27316)		
United States....	200.1	154.8
Northeast Region....	115.1	84.6
New England Div....	9.4	9.1
Massachusetts....	8.0	1)
Connecticut....	AA	(D)
Middle Atlantic Div....	105.7	75.5
New York....	98.2	71.9
New Jersey....	4.7	2.0
Pennsylvania....	2.7	1.5
North Central Region....	58.7	53.6
East North Central Div....	47.8	43.1
Ohio....	CC	7.6
Illinois....	38.5	31.8
Michigan....	2.6	(D)
West North Central Div....	10.9	10.5
Iowa....	CC	(1)
Missouri....	BB	(1)
Nebraska....	AA	(D)
South Region....	21.5	9.4
South Atlantic Div....	EE	4.7
District of Columbia....	CC	(1)
East South Central Div....	EE	3.2
Kentucky....	BB	(D)
Tennessee....	3.6	(1)
Alabama....	BB	(D)
West Region....	4.8	7.3
Pacific Div....	BB	(D)
California....	BB	5.5
BOOK AND PAMPHLET PRINTING AND BINDING (LITHOGRAPHIC) (27321)		
United States....	601.0	344.3
Northeast Region....	223.3	124.6
New England Div....	67.2	31.1
Vermont....	EE	(D)
Massachusetts....	43.8	22.6
Rhode Island....	CC	(1)
Connecticut....	4.7	2.6
Middle Atlantic Div....	156.0	93.5
New York....	112.7	66.1
New Jersey....	12.0	6.9
Pennsylvania....	31.3	20.6
North Central Region....	215.8	133.5
East North Central Div....	182.7	111.7
Ohio....	35.9	29.1
Indiana....	54.0	17.1
Illinois....	42.7	36.3
Michigan....	20.5	11.5
Wisconsin....	29.7	17.8
BOOK AND PAMPHLET PRINTING AND BINDING (LITHOGRAPHIC) (27321)--Continued		
North Central Region--Continued		
West North Central Div....	33.1	21.8
Minnesota....	4.6	4.3
Iowa....	2.6	(D)
Missouri....	17.7	11.7
Kansas....	6.9	3.9
South Region....	117.5	49.8
South Atlantic Div....	63.2	26.2
Maryland....	34.2	10.2
District of Columbia....	7.2	5.7
Virginia....	3.3	2.0
North Carolina....	BB	2.7
South Carolina....	1.3	(D)
Georgia....	7.3	1.7
Florida....	4.6	2.5
East South Central Div....	22.3	5.5
Kentucky....	BB	1.8
Tennessee....	15.2	2.6
Alabama....	4.2	(1)
West South Central Div....	31.9	18.1
Arkansas....	1.3	1.2
Texas....	29.6	15.1
West Region....	44.5	36.3
Mountain Div....	9.3	10.9
Colorado....	4.6	(D)
Arizona....	2.3	(D)
Utah....	1.7	(1)
Pacific Div....	35.2	25.4
Washington....	3.0	1.3
Oregon....	1.0	1.3
California....	30.5	22.3
BOOK AND PAMPHLET PRINTING AND BINDING (EXCEPT LITHOGRAPHIC) (27322)		
United States....	254.1	241.7
Northeast Region....	101.5	105.1
New England Div....	38.7	38.5
Vermont....	3.7	6.0
Massachusetts....	30.7	30.1
Connecticut....	3.4	1.4
Middle Atlantic Div....	62.8	66.6
New York....	37.4	41.5
New Jersey....	4.2	5.2
Pennsylvania....	21.3	19.9
North Central Region....	89.6	82.1
East North Central Div....	77.1	74.2
Ohio....	23.2	12.3
Indiana....	13.6	25.7
Illinois....	25.0	24.9
Michigan....	CC	4.2
Wisconsin....	BB	7.1
West North Central Div....	12.5	7.9
Minnesota....	1.4	1.5
Iowa....	1.3	.3
Missouri....	7.8	3.6
South Region....	53.6	48.3
South Atlantic Div....	21.7	20.0
Maryland....	5.2	4.6
District of Columbia....	3.0	3.6
Virginia....	CC	5.4
North Carolina....	3.1	1.9

See footnotes at end of table.

TABLE 6B. Product Classes-Value of Receipts of All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of receipts	
	1967	1963
BOOK AND PAMPHLET PRINTING AND BINDING (EXCEPT LITHO) (27322)		
South Region Con.		
East South Central Div.	26.8	22.7
Tennessee	FF	20.7
West South Central Div.	5.2	5.6
Texas	4.5	3.8
West Region	9.4	6.1
Mountain Div.	3.7	1.7
Colorado	1.7	(D)
Arizona	AA	(D)
Pacific Div.	5.7	4.4
California	5.0	3.6
CATALOGS AND DIRECTORIES PUBLISHING (27411)		
United States	184.6	133.0
Northeast Region	52.1	46.3
New England Div.	3.3	2.6
Massachusetts	AA	(D)
Connecticut	AA	(1)
Middle Atlantic Div.	48.8	43.7
New York	40.9	36.3
New Jersey	CC	5.1
Pennsylvania	BB	2.3
North Central Region	94.0	68.3
East North Central Div.	85.4	64.3
Ohio	8.3	6.8
Indiana	EE	(1)
Illinois	49.7	36.7
Michigan	CC	(1)
West North Central Div.	8.6	4.0
Minnesota	1.7	1.4
Missouri	BB	(D)
Kansas	AA	1.2
South Region	EE	8.6
South Atlantic Div.	9.3	3.8
Virginia	CC	(1)
CATALOGS AND DIRECTORIES PUBLISHING (27411)--Con.		
South Region--Con.		
East South Central Div.	AA	1.8
Tennessee	AA	1.7
West South Central Div.	4.6	3.0
Texas	BB	2.6
West Region	FF	9.8
Pacific Div.	FF	(D)
California	FF	8.5
BUSINESS SERVICE PUBLICATIONS (27412)		
United States	123.0	101.6
Northeast Region	73.6	63.1
Middle Atlantic Div	GG	57.3
New York	GG	(1)
New Jersey	FF	(1)
North Central Region	31.4	22.9
East North Central Div.	FF	(D)
Ohio	1.7	1.0
Indiana	AA	(D)
Illinois	FF	(1)
South Region	11.4	7.6
South Atlantic Div.	9.1	(D)
District of Columbia	CC	(1)
Florida	AA	(D)
West South Central Div.	AA	(D)
Texas	AA	(1)
West Region	6.6	8.0
Mountain Div.	BB	(D)
Colorado	BB	(1)
Pacific Div.	BB	(D)
California	2.3	(1)
OTHER MISCELLANEOUS PUBLISHING (27413)		
United States	231.8	158.2
Northeast Region	82.2	70.7
New England Div.	15.4	7.0
Massachusetts	1.7	5.0
Connecticut	12.6	1.1
Middle Atlantic Div.	66.8	63.7
New York	52.8	52.1
New Jersey	11.0	7.2
Pennsylvania	3.0	4.4
North Central Region	116.5	57.6
East North Central Div.	98.9	44.3
Ohio	2.9	3.4
Indiana	2.1	2.5
Illinois	46.6	33.6
Michigan	46.0	4.2
Wisconsin	1.3	(D)
West North Central Div.	17.6	13.3
Minnesota	7.3	5.3
Missouri	4.3	4.8
Kansas	BB	(1)
South Region	9.5	10.1
South Atlantic Div.	2.8	5.8
East South Central Div.	4.2	2.1
Kentucky	AA	(D)
Tennessee	BB	1.2
West South Central Div.	2.5	2.2
Texas	AA	1.8
West Region	23.7	19.8
Pacific Div.	22.7	18.7
Washington	2.6	1.5
California	19.8	16.7

Note: Product class receipts of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes-Quantity and Value of Receipts of All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2711-	Newspapers	5,549.8	5,256.0	4,886.1	4,620.4	4,254.7	3,458.3	2,913.2	1,792.3
27111	Daily and Sunday newspapers: receipts from subscriptions and sales	1,309.1	1,218.4	1,176.6	1,156.8	1,064.4	916.7	780.0	568.1
27112	Daily and Sunday newspapers: receipts from advertising	3,652.5	3,469.8	3,167.1	2,966.4	2,727.5	2,208.7	1,837.8	1,070.6
27113	Weekly and other newspapers: receipts from subscriptions and sales	[2]78.2	108.9	93.6	87.0	82.9	62.6	54.9	31.8
27114	Weekly and other newspapers: receipts from advertising	[2]243.2	380.1	332.0	314.1	296.0	235.2	205.9	121.8
27110	Newspapers, n.s.k.	[2]266.8	(78.8)	(116.7)	(96.0)	83.9	35.2	34.5	-
2721-	Periodicals	2,668.2	2,404.7	2,300.2	2,170.2	2,037.3	1,639.1	1,413.1	1,019.5
27211	Farm periodicals: receipts from subscriptions and sales	11.3	11.4	10.1	10.9	8.5	11.3	8.6	7.8
27212	Farm periodicals: receipts from advertising	45.7	(77.6)	(74.5)	47.4	45.6	55.4	47.8	40.0
27213	Specialized business and professional periodicals: receipts from subscriptions and sales	149.6	162.5	152.2	133.1	122.7	86.3	58.0	72.6
27214	Specialized business and professional periodicals: receipts from advertising	524.9	539.7	464.4	451.2	412.7	294.1	169.6	191.5
27215	General periodicals: receipts from subscriptions and sales	593.5	578.8	555.8	501.0	458.6	343.1	374.2	276.1
27216	General periodicals: receipts from advertising	879.5	813.4	809.7	746.7	710.6	543.9	560.0	364.2
27217	Other periodicals, except shopping news, directories, or catalogs, n.e.c.: receipts from subscriptions, sales and advertising	284.2	193.7	196.5	227.1	230.2	265.4	176.0	58.6
27210	Periodicals, n.s.k.	179.5	(27.5)	(37.0)	52.8	48.5	39.6	19.0	8.8
2731-	Book publishing	2,255.3	2,081.3	1,817.6	1,729.6	1,547.8	1,010.7	665.4	456.0
27311	Textbooks, including teachers' editions	733.6	779.2	640.0	525.5	471.1	281.6	(NA)	(NA)
27312	Subscription reference books, hardbound	216.3	195.0	210.8	190.4	207.3	163.6	89.8	63.9
27313	Technical, scientific and professional books	240.2	193.3	175.5	182.5	156.3	116.0	63.6	45.8
27314	Religious books	110.4	86.1	76.6	84.2	81.1	58.6	(NA)	(NA)
27315	General books (trade, etc.)	657.7	611.3	531.3	538.0	458.2	274.7	(NA)	(NA)
27316	Other books and pamphlets	200.1	212.7	180.8	184.4	154.8	96.0	(NA)	(NA)
27310	Book publishing, n.s.k.	97.0	(3.7)	2.7	(24.6)	18.9	20.2	11.8	-
2732-	Book printing	900.3	827.5	723.3	637.8	607.0	422.9	304.9	158.6
27321	Book and pamphlet printing and book binding (lithographic process)	601.0	484.0	415.9	356.3	344.3	167.6	72.9	29.1
27322	Book and pamphlet printing and book binding (other than lithographic process)	254.1	325.3	286.1	259.3	241.7	248.4	188.7	129.5
27320	Book printing, n.s.k.	45.0	(18.3)	(21.4)	22.1	21.1	6.9	43.3	-
2741-	Miscellaneous publishing	608.6	515.7	497.2	461.3	413.4	297.9	231.1	123.5
27411	Catalogs and directories publishing	184.6	177.4	167.5	152.0	133.0	93.6	66.4	31.7
27412	Business service publications	123.0	122.4	115.2	114.5	101.6	64.3	55.9	27.0
27413	Other miscellaneous publishing	231.8	190.9	183.0	172.2	158.2	131.8	86.1	64.8
27410	Miscellaneous publishing, n.s.k.	69.2	(25.0)	(31.5)	22.6	20.6	8.1	22.7	-

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses for the value of receipts either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, at the individual product level, the estimates may be of limited reliability; however, they may be combined with other product-class totals into broader aggregates which are of acceptable reliability.

[2] In 1967 establishments with less than 10 employees were not required to file a report specifying their source of receipts as had been required in previous censuses. A substantial portion of code 27110 would be included in codes 27113 and 27114 if they had reported.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2711.--NEWSPAPERS					
	Materials and supplies, total	...	(X)	1,438.2	(X)	1,162.2
262111	Newsprint	1,000 Short tons.	7,870.4	1,094.7	6,616.3	889.3
262131	Coated papers	...do	44.8	8.9	90.1	22.8
262101	All other paper	...do	61.1	17.0		
289301	Printing inks, complete formulations	million lbs	341.7	25.6	257.1	19.9
976000	Materials, containers, supplies, n.s.k[1]	...	(X)	142.9	(X)	103.2
970099	All other materials and components, parts, containers, and supplies consumed	...	(X)	149.1	(X)	127.0
289301	Consumption of printing inks, complete formulations, produced and consumed in this industry	million lbs	76.7	(X)	63.1	(X)
	INDUSTRY 2721.--PERIODICALS					
	Materials and supplies, total	...	1,488.0	510.3	1,230.5	358.9
262111	Newsprint	1,000 short tons.	185.8	29.0	159.9	23.3
262131	Coated paper, all types	...do	1,161.5	286.5	882.8	190.8
262102	Uncoated papers	...do	145.4	33.1	138.6	31.0
262150	Bristol, cover, text, and other specialty papers uncoated	...do	(NA)	5.4	22.3	5.7
	Printing inks:					
289303	Letterpress, including news	Million lbs	(S)	18.2	25.1	13.1
289304	Lithographic	...do				
289309	Other, including gravure, flexographic, and screen process	...do				
976000	Materials, containers, supplies, n.s.k[1]	...	(X)	59.4	(X)	39.8
970099	All other materials, containers and supplies consumed including ink, metals, type, paper used for wrapping printed products, etc	...	(X)	78.7	(X)	55.2
289301	Consumption of printing inks, complete formulations, produced and consumed in this industry	Million lbs	5.2	(X)	1.8	(X)
	INDUSTRY 2731.--BOOK PUBLISHING					
	Materials and supplies, total	...	(X)	252.4	(X)	196.8
262111	Newsprint	1,000 short tons.	41.6	7.6	28.8	5.6
262131	Coated paper, all types	...do	167.6	57.8	158.9	45.0
262102	Uncoated papers	...do	213.8	72.6	217.4	62.5
262150	Bristol, cover, text, and other specialty papers uncoated	...do	39.6	14.2	28.4	10.2
289301	Printing inks	Million lbs	3.5	3.5	1.7	2.7
386151	Unexposed lithographic plates and metal for lithographic plates	...	(X)	2.9	(X)	(X)
976000	Materials, containers, supplies, n.s.k[1]	...	(X)	49.4	(X)	21.8
970099	All other materials, containers and supplies consumed including ink, metals, type, paper used for wrapping printed products, etc	...	(X)	44.4	(X)	49.2
	INDUSTRY 2732.--BOOK PRINTING					
	Materials, containers, and supplies, total	...	(X)	224.4	(X)	155.6
262112	Newsprint	...	(X)	5.4	(X)	4.4
262131	Coated papers	...	(X)	24.2	173.9	61.4
262101	All other paper	...	(X)	62.9		
263105	Paperboard (exclude that used for shipping)	...	(X)	5.9	(X)	5.4
	Printing inks:					
289303	Letterpress, including news	million lbs	(S)	4.6	8.8	8.4
289304	Lithographic	...do	5.6	6.5		
289309	Other, including gravure, flexographic and screen process	...do	(S)	0.4		
386151	Unexposed lithographic plates and metal for lithographic plates	...	(X)	4.9	(NA)	(NA)
386101	Light sensitive films and papers	...	(X)	6.0	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed; including metal type etc	...	(X)	76.9	(X)	53.6
976000	Materials, containers, supplies, n.s.k.[1]	...	(X)	25.8	(X)	22.5

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2741.--MISCELLANEOUS PUBLISHING					
	Materials, containers, and supplies, total	.....	(X)	79.5	(X)	53.6
262111	Newsprint	1,000 short tons.	e37.9	5.4	25.3	3.7
262131	Coated paper, all types	...do.....	e17.5	6.7	12.6	4.1
262102	Uncoated paper (groundwood, book, bond, writing, ledger, and manifold)	...do.....	20.7	8.0	21.2	7.7
262150	Bristol, cover, text, and other specialty paper uncoated	...do.....	e6.6	2.4	3.1	1.2
976000	Materials, containers, supplies, n.s.k.[1]	.....	(X)	27.2	(X)	23.3
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	29.8	(X)	13.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or in the basis of a consistency review.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Newspapers (SIC 2711)	Periodicals (SIC 2721)	Book publishing (SIC 2731)	Book printing (SIC 2732)	Miscellaneous publishing (SIC 2741)
	Cost of purchased fuels and electric energy, total	Million dollars..	32.3	6.1	3.2	6.3	1.9
	Cost of purchased fuels, total	...do.....	7.1	1.6	0.9	1.7	0.4
121005	Coal (anthracite, bituminous, and lignite):						
	Quantity	1,000 short tons.	1.5	-	-	5.1	-
	Cost	Million dollars..	(Z)	-	-	-	-
	Fuel oil, total:						
	Quantity	1,000 barrels....	220.7	-	-	147.4	-
	Cost	Million dollars..	0.8	-	-	0.6	-
291141	Distillate:						
	Quantity	1,000 barrels....	142.4	1.5	-	58.2	-
	Cost	Million dollars..	0.6	-	-	0.3	-
291151	Residual:						
	Quantity	1,000 barrels....	78.3	-	-	89.2	-
	Cost	Million dollars..	0.2	-	-	0.3	-
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):						
	Quantity	Million cu. ft...	3,167.1	18.5	-	756.3	20.6
	Cost	Million dollars..	2.3	-	-	0.6	-
960011	Other fuels (gasoline, LPG, wood, etc.)	...do.....	1.5	0.1	-	0.2	-
975000-976000	Fuels, n.s.k.	...do.....	2.6	1.6	0.9	0.4	0.4
960012	Purchased electric energy:						
	Quantity	Million kw.-hrs..	1,724.7	245.4	121.8	301.5	78.6
	Cost	Million dollars..	25.2	4.5	2.3	4.6	1.5
	Quantity of electric energy generated less quantity sold	Million kw.-hrs..	0.7	0.6	-	-	0.1
	Total energy used for heat and power[1]	Million kw.-hrs. equivalent.....	4,505.2	902.5	503.9	1,028.4	244.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z)Less than $50 thousand.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization--the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization--the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)
2711	NEWSPAPERS										
	ENTIRE INDUSTRY	8 094	335.9	2 223.7	169.2	302.0	1 121.5	4 184.7	1 573.6	5 757.1	246.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	7 606	322.2	2 153.7	160.9	287.0	1 080.1	4 069.6	1 535.9	5 604.4	232.3
27111	DAILY, SUNDAY NEWSPAPERS--SUBSCRIPTIONS AND SALES (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	74	8.2	47.3	4.2	7.5	24.8	80.8	25.8	106.3	1.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	37	2.0	10.1	1.2	1.9	6.0	25.5	6.9	32.3	.3
27112	DAILY, SUNDAY NEWSPAPERS--ADVERTISING (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	1 431	271.1	1 907.0	130.4	236.1	954.4	3 618.2	1 357.9	4 975.5	208.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	609	112.6	778.6	53.6	96.7	382.1	1 552.0	549.8	2 101.4	101.9
27113	WEEKLY, OTHER NEWSPAPERS--SUBSCRIPTIONS AND SALES (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	126	3.7	19.1	1.8	2.9	7.8	37.0	17.7	54.7	1.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	47	1.5	8.5	.7	1.2	2.9	17.7	8.6	26.2	1.1
27114	WEEKLY, OTHER NEWSPAPERS--ADVERTISING (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	1 217	28.3	139.5	14.8	26.2	68.6	232.6	78.7	311.0	13.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	530	13.1	64.0	5.6	9.6	24.5	111.8	37.3	149.0	5.1
2721	PERIODICALS										
	ENTIRE INDUSTRY	2 510	79.1	633.7	14.5	25.2	80.5	1 868.7	1 234.1	3 095.9	58.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	2 426	62.0	509.6	10.2	16.9	52.7	1 456.2	910.4	2 364.5	35.7
27211	FARM PERIODICALS, SUBSCRIPTIONS AND SALES (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	4	(Z)	.2	(Z)	(Z)	(Z)	.3	.2	.5	(D)
27212	FARM PERIODICALS, ADVERTISING (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	48	2.1	14.4	.5	1.0	3.0	36.1	16.9	52.9	.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	36	1.4	9.0	.2	.5	1.4	23.9	14.1	37.9	.3
27213	BUSINESS, PROFESS'L PERIODICALS/SUBSC. AND SALES (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	95	4.5	32.1	1.1	2.0	6.4	69.4	29.5	98.5	1.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	65	2.5	20.4	.5	1.0	3.3	44.3	18.4	62.7	.6
27214	BUSINESS, PROFESS'L PERIODICALS/ADVERTISING (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	340	22.0	192.4	2.8	4.8	18.3	439.0	162.0	599.0	7.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	273	17.6	156.4	2.3	4.0	15.2	355.7	125.8	479.9	5.7
27215	GENERAL PERIODICALS, SUBSCRIPTIONS AND SALES (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	102	9.1	74.1	.7	1.2	3.3	322.1	236.1	554.2	15.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	63	2.1	14.1	.4	.7	1.6	49.0	48.8	98.0	.5
27216	GENERAL PERIODICALS, ADVERTISING (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	103	23.3	200.4	4.0	8.0	23.7	670.9	579.1	1 245.6	12.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	54	5.8	38.6	.6	.9	2.3	110.9	81.6	192.5	1.4
27217	OTHER PERIODICALS (EXC. SHOPPING NEWS, CATALOGS) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	162	12.3	79.5	3.4	6.4	20.1	211.2	136.8	352.2	10.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	141	7.5	49.8	1.7	3.1	9.4	136.5	80.8	218.2	4.8
2731	BOOK PUBLISHING										
	ENTIRE INDUSTRY	1 022	52.0	389.9	13.3	24.8	76.6	1 456.6	762.8	2 134.8	55.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	976	46.5	352.8	10.6	19.7	61.6	1 429.3	729.5	2 007.6	51.7
27311	TEXTBOOKS, INCLUDING TEACHERS' EDITIONS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	101	20.1	154.2	12.7	5.2	15.0	653.7	290.1	882.4	35.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	73	11.2	90.5	1.0	1.9	5.3	363.6	177.6	518.0	33.6
27312	SUBSCRIPTION REFERENCE BOOKS, HARDBOUND (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	16	3.9	32.7	.3	.6	1.6	165.1	89.9	252.4	1.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	13	3.6	30.5	.1	.3	.8	159.1	32.7	239.3	(D)
27313	TECHNICAL, SCIENTIFIC AND PROFESSIONAL BOOKS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	76	7.2	54.9	3.0	5.7	19.3	125.2	55.8	179.8	4.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	60	5.5	42.9	2.6	5.0	17.3	88.3	35.3	123.3	3.8
27314	RELIGIOUS BOOKS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	46	5.3	31.6	2.2	4.4	11.5	74.5	53.0	125.8	2.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	29	2.1	12.2	.4	.8	1.9	28.6	30.2	57.9	.4
27315	GENERAL BOOKS (TRADE, ETC.) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	93	10.2	85.0	2.7	5.1	18.5	352.8	219.9	555.0	9.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	72	5.5	48.2	.7	1.3	4.4	258.1	153.9	399.3	4.9
27316	OTHER BOOKS AND PAMPHLETS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	74	2.4	14.9	1.1	2.1	5.4	38.1	22.4	61.3	1.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	55	1.4	8.8	.5	1.0	2.6	27.2	16.7	44.8	.3

See footnotes at end of table

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967–Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of receipts (million dollars)	Capital expenditures, new (million dollars)
2732	BOOK PRINTING										
	ENTIRE INDUSTRY	744	44.7	297.9	36.7	73.4	227.9	510.9	273.0	787.4	45.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	522	28.4	180.8	23.7	47.6	140.2	314.7	148.5	465.6	27.5
27321	BOOK AND PAMPHLET PRINTING AND BINDING (LITHO.) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	372	29.4	203.5	24.0	48.3	156.0	350.8	197.5	547.0	30.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	169	13.5	87.2	11.4	23.1	68.9	155.8	78.5	234.4	12.3
27322	BOOK AND PAMPHLET PRINTING & BINDING (EXC. LITHO) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	117	12.8	78.7	10.7	21.3	60.1	131.2	60.4	196.4	14.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	68	6.3	41.7	5.4	11.1	32.7	73.2	26.7	100.6	11.7
2741	MISCELLANEOUS PUBLISHING										
	ENTIRE INDUSTRY	1 493	31.1	197.4	15.0	25.6	79.7	417.5	184.5	605.3	10.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1 451	28.4	180.5	13.2	22.5	69.8	372.3	167.0	542.9	9.3
27411	CATALOGS AND DIRECTORIES PUBLISHING (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	108	8.7	52.6	4.9	8.6	24.9	111.0	67.9	175.1	1.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	98	8.2	50.2	4.7	8.1	24.4	101.5	65.0	162.7	1.4
27412	BUSINESS SERVICE PUBLICATIONS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	49	8.8	63.3	1.9	3.4	12.0	105.9	29.9	145.2	2.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	40	6.1	42.6	1.5	2.6	8.9	62.0	20.0	91.5	1.6
27413	OTHER MISCELLANEOUS PUBLISHING (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	184	9.0	56.8	5.5	10.3	31.9	154.6	57.2	209.9	4.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	158	7.6	48.2	4.6	8.7	25.9	127.5	46.8	172.3	4.0

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) - Under 50 thousand (or under 50 employees).

COMMERCIAL PRINTING AND MANIFOLD BUSINESS FORMS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2751--Commercial Printing, Except Lithographic
2752--Commercial Printing, Lithographic
2753--Engraving and Plate Printing
2761--Manifold Business Forms

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2751--COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC

This industry comprises establishments primarily engaged in commercial or job printing, except lithographic. This industry includes general printing shops, as well as shops specializing in printing newspapers and periodicals for others, and those which specialize in gravure, rotogravure, and screen printing. Establishments primarily engaged in printing books, without publishing and greeting cards, are included in industries 2732 and 2771, respectively. Establishments primarily engaged in printing from lithographic plates are classified in industry 2752. For a detailed list of products of industry 2751, refer to table 6A, product codes 2751115 to 2751998.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Total receipts of the Commercial Printing, Except Lithographic, Industry in 1967 totaled $3,255.5 million. This included receipts from commercial printing, except lithographic (primary products), valued at $2,700.4 million, receipts from other activities (secondary products) valued at $430.3 million, and miscellaneous receipts (mainly resales) of $124.8 million.

This industry's receipts from commercial printing, except lithographic (primary products) in 1967 represented 86 percent (specialization ratio) of its receipts (primary and secondary). The industry specialization ratio in 1963 was 86 percent. Secondary receipts reported by this industry in 1967 consisted mainly of commercial printing, lithographic ($224.5 million), and book printing ($81.5 million).

Industry 2751 receipts from commercial printing, except lithographic (primary products) in 1967 represented 83 percent (coverage ratio) of these receipts valued at $3,265.0

million reported by all industries. In 1963, the coverage ratio was 81 percent. Other industries reporting commercial printing, except lithographic (primary products) consisted mainly of industry 2752, Commercial Printing, Lithographic, $244.0 million; industry 2711, Newspapers, $99.4 million

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2751, these establishments accounted for approximately 7 percent of payroll and 10 percent of value added by manufacture.

2752--COMMERICAL PRINTING, LITHOGRAPHIC

This industry comprises establishments primarily engaged in printing by the lithographic process. The greater part of the work in this industry is performed on a job or custom basis; but in some cases lithographed calendars, maps, posters, decalcomanias, etc., are made for sale. Offset printing, photo-offset printing, and photolithographing are also included in this industry. Establishments primarily engaged in lithographing books and pamphlets, without publishing, are classified in industry 2732, and greeting cards in industry 2771. For a detailed list of products of industry 2752, refer to table 6A, product codes 2752112 to 2752711.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Total receipts of the Commercial Printing, Lithographic, Industry in 1967 totaled $3,139.4 million. This included receipts from commercial printing lithographic (primary products), valued at $2,498.0 million, receipts from other activities (secondary products) valued at $549.3 million, and miscellaneous receipts (mainly resales) of $92.1 million.

This industry's receipts from commercial printing, lithographic (primary products) in 1967 represented 82 percent (specialization ratio) of its receipts (primary and secondary). The industry specialization ratio in 1963 was 80 percent. Secondary receipts reported by this industry in 1967 consisted mainly of commercial printing, except lithographic ($244.0 million), and book printing ($155.0 million).

Industry 2752 receipts from commercial printing, lithographic (primary products) in 1967 represented 80 percent (coverage ratio) of these receipts valued at $3,132.9 million reported by all industries. In 1963, the coverage ratio was 82 percent. Other industries reporting commercial printing, lithographic (primary products) consisted mainly of industry 2751, Commercial Printing, Except Lithographic, $224.5 million; industry 3411, Metal Cans, $100-$200 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2752, these establishments accounted for approximately 4 percent of payroll and 5 percent of value added by manufacture.

2753--ENGRAVING AND PLATE PRINTING

This industry comprises establishments primarily engaged in engraving and etching steel, copper, wood, or rubber plates, in using these plates to print stationery, visiting and other cards, invitations, maps, etc.; and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is classified in industry 3479. For a detailed list of products of industry 2753, refer to table 6A, product codes 2753012 to 2753075.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Total receipts of the Engraving and Plate Printing Industry in 1967 totaled $137.9 million. This included receipts from engraving and plate printing (primary products), valued at $122.6 million, receipts from other activities (secondary products) valued at $11.8 million, and miscellaneous receipts (mainly resales) of $3.5 million.

This industry's receipts from engraving and plate printing (primary products) in 1967 represented 91 percent (specialization ratio) of its receipts (primary and secondary). The industry specialization ratio in 1963 was 89 percent. Secondary receipts reported by this industry in 1967 consisted mainly of commercial printing, except lithographic ($3.5 million), and commercial printing, lithographic ($2.7 million).

Industry 2753 receipts from engraving and plate printing (primary products) in 1967 represented 81 percent (coverage ratio) of these receipts valued at $151.3 million reported by all industries. In 1963, the coverage ratio was 84 percent. Other industries reporting engraving and plate printing (primary products) consisted mainly of industry 2751, Commercial Printing, Except Lithographic, $9.6 million; industry 2794, Electrotyping and Stereotyping, $4.7 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2753, these establishments accounted for approximately 6 percent of payroll and 8 percent of value added by manufacture.

2761--MANIFOLD BUSINESS FORMS

This industry comprises establishments primarily engaged in designing and printing, by any process, special forms for use in the operation of a business, in single and multiple sets, including carbonized or interleaved with carbon or otherwise processed for multiple reproduction. For a detailed list of products of industry 2761, refer to table 6A, product codes 2761111 to 2761351.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Manifold Business Forms Industry in 1967 totaled $932.3 million. This included shipments of manifold business forms (primary products), valued at $809.2 million, shipments of other products (secondary products) and receipts from other activities valued at $81.5 million, and miscellaneous receipts (mainly resales) of $41.6 million.

This industry's shipments of manifold business forms (primary products) in 1967 represented 91 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 90 percent. Secondary receipts reported by this industry in 1967 consisted mainly of commercial printing, except lithographic ($29.1 million), commercial printing, lithographic ($23.6 million).

Industry 2761 shipments of manifold business forms (primary products) in 1967 represented 90 percent (coverage ratio) of these products valued at $895.8 million shipped by all industries. In 1963, the coverage ratio was 91 percent. Other industries shipping manifold business forms (primary products) consisted mainly of industry 2752, Commercial Printing, Lithographic, $41.4 million; industry 2645, Die-Cut Paper and Board, $23.3 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2761, these establishments accounted for approximately 0.5 percent of payroll and value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2751.--COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC														
1967 Census....	12,098	1,439	175.1	1,186.0	142.3	273.2	880.1	1,947.9	1,322.9	3,255.5	142.9	275.6	86	83
1966 ASM[1].....	(NA)	(NA)	185.3	1,206.6	145.9	286.8	890.8	1,913.7	1,316.5	3,202.3	122.0	283.1	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	181.6	1,132.5	141.8	276.7	832.7	1,761.1	1,204.4	2,951.6	108.1	242.3	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	171.1	1,057.7	135.0	263.0	792.1	1,655.6	1,159.2	2,797.2	82.4	242.1	(NA)	(NA)
1963 Census....	12,109	1,404	170.2	1,007.5	136.1	264.2	762.7	1,578.3	1,092.4	2,645.1	99.2	245.7	86	81
1962 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census[2]...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
INDUSTRY 2752.--COMMERCIAL PRINTING, LITHOGRAPHIC														
1967 Census....	6,822	1,648	146.5	1,113.2	112.2	233.3	766.5	1,897.7	1,242.4	3,139.4	125.6	209.9	82	80
1966 ASM[1].....	(NA)	(NA)	141.1	1,011.2	107.1	214.0	698.3	1,631.9	1,168.0	2,791.4	112.2	208.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	132.4	920.9	100.3	202.2	635.5	1,479.0	1,063.7	2,536.5	98.6	189.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	121.1	816.5	91.4	190.2	568.2	1,335.3	915.7	2,243.3	99.3	163.4	(NA)	(NA)
1963 Census....	6,822	1,339	121.1	794.4	91.4	187.3	554.9	1,302.0	852.3	2,149.7	76.9	160.6	80	82
1962 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census[2]...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
INDUSTRY 2753.--ENGRAVING AND PLATE PRINTING														
1967 Census....	577	129	9.0	58.7	7.3	14.6	42.7	98.8	39.7	137.9	3.8	10.0	91	81
1966 ASM[1].....	(NA)	(NA)	11.1	73.3	9.3	19.2	58.0	129.2	50.4	175.9	*4.6	12.7	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	12.0	75.7	10.0	20.6	59.0	134.2	40.5	170.8	*5.6	13.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	9.5	54.6	7.5	14.9	40.5	88.5	35.0	122.9	*1.0	10.3	(NA)	(NA)
1963 Census....	580	105	9.0	50.7	7.1	13.8	38.2	80.7	31.1	111.1	3.8	10.2	89	84
1962 ASM[1].....	(NA)	(NA)	8.9	47.6	6.9	13.7	36.8	63.3	24.7	88.1	*1.6	8.3	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	9.5	48.7	7.5	14.2	37.4	68.6	26.1	93.4	*1.4	8.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	9.3	47.1	7.3	13.9	37.1	66.0	24.4	90.3	(S)	7.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	9.1	46.3	7.2	14.4	36.6	62.3	25.0	87.3	(S)	8.1	(NA)	(NA)
1958 Census[2]...	528	102	9.0	43.1	7.2	13.6	33.3	64.5	23.2	87.2	3.6	8.5	92	82
INDUSTRY 2761.--MANIFOLD BUSINESS FORMS														
1967 Census....	542	295	34.4	240.2	25.3	51.4	158.9	550.5	384.6	932.3	39.8	98.4	91	90
1966 ASM[1].....	(NA)	(NA)	31.6	208.3	23.1	48.5	140.3	486.3	345.6	823.9	44.4	90.7	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	30.3	192.3	22.3	46.6	128.6	436.5	309.5	739.7	29.5	80.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	28.8	177.8	21.5	44.8	120.7	401.3	281.3	679.6	22.2	69.2	(NA)	(NA)
1963 Census....	502	250	28.8	173.2	21.3	43.3	116.7	377.7	259.3	637.7	23.1	64.4	90	91
1962 ASM[1].....	(NA)	(NA)	27.3	146.5	19.1	38.6	98.7	329.7	221.8	552.5	*22.3	59.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	26.3	136.5	18.5	36.3	91.4	299.0	199.3	497.8	*15.9	54.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	25.0	131.6	17.9	35.5	86.5	288.6	186.3	473.8	*18.3	51.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	24.7	128.1	18.0	35.5	84.9	273.3	178.2	450.8	*13.5	45.8	(NA)	(NA)
1958 Census[2]...	(NA)	165	23.6	120.9	16.9	32.8	79.6	245.2	160.0	405.7	14.8	43.3	91	90

Note: In 1967, 1963, and 1958, the number of companies in industry 2751 was 11,955, 11,979, and (NA), respectively; in industry 2752: 6,718, 6,738, and (NA); industry 2753: 569, 574, and 520; industry 2761: 454, 439, and 685. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. (*)These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2751.--COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC								
1967 Census	6,773	81	1,920	3.22	.41	.77	11,123	61	7.13
1966 ASM	6,513	79	1,966	3.11	.41	.79	10,330	63	6.67
1965 ASM	6,235	78	1,951	3.01	.41	.79	9,695	64	6.36
1964 ASM	6,184	79	1,948	3.01	.41	.79	9,679	64	6.30
1963 Census	5,919	80	1,941	2.89	.41	.79	9,272	64	5.97
1962 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	INDUSTRY 2752.--COMMERCIAL PRINTING, LITHOGRAPHIC								
1967 Census	7,598	77	1,990	3.43	.40	.75	12,953	59	8.50
1966 ASM	7,169	76	1,998	3.26	.42	.78	11,569	62	7.62
1965 ASM	6,955	76	2,016	3.14	.42	.78	11,171	62	7.31
1964 ASM	6,744	75	2,082	2.99	.41	.77	11,030	61	7.02
1963 Census	6,561	75	2,050	2.96	.40	.77	10,754	61	6.95
1962 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	INDUSTRY 2753.--ENGRAVING AND PLATE PRINTING								
1967 Census	6,489	81	1,983	2.94	.29	.71	10,925	59	6.79
1966 ASM	6,594	83	2,064	3 03	.29	.70	11,623	57	6.75
1965 ASM	6,302	83	2,059	2.87	.24	.68	11,168	56	6.52
1964 ASM	5,760	79	1,987	2.72	.28	.73	9,335	62	5.93
1963 Census	5,620	79	1,938	2.76	.28	.74	8,950	63	5.85
1962 ASM	5,375	78	1,984	2.68	.28	.82	7,146	75	4.61
1961 ASM	5,153	79	1,902	2.62	.28	.80	7,250	71	4.81
1960 ASM	5,077	79	1,893	2.67	.27	.79	7,117	71	4.75
1959 ASM	5,097	79	2,008	2.54	.29	.82	6,859	74	4.33
1958 Census	4,766	80	1,875	2.46	.27	.76	7,126	67	4.76
	INDUSTRY 2761.--MANIFOLD BUSINESS FORMS								
1967 Census	6,975	73	2,033	3.09	.41	.67	15,985	44	10.72
1966 ASM	6,584	73	2,098	2.89	.42	.67	15,374	43	10.02
1965 ASM	6,351	74	2,087	2.76	.42	.68	14,411	44	9.37
1964 ASM	6,170	75	2,084	2.70	.41	.68	13,922	44	8.96
1963 Census	6,016	74	2,037	2.69	.41	.68	13,117	46	8.72
1962 ASM	5,373	70	2,018	2.56	.40	.67	12,093	44	8.55
1961 ASM	5,198	70	1,966	2.52	.40	.67	11,388	46	8.23
1960 ASM	5,263	72	1,976	2.44	.39	67	11,546	46	8.14
1959 ASM	5,176	73	1,980	2.39	.40	.68	11,043	47	7.69
1958 Census	5,121	71	1,944	2 43	.39	.69	10,383	49	7.47

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2751-- COMM. PRINTING, EXCEPT LITHO.													
UNITED STATES	12 098	1 439	175.1	1 186.0	142.3	273.2	880.1	1 947.9	1 322.9	3 255.5	142.9	170.2	1 578.3
NORTHEAST REGION	3 933	517	62.5	425.9	50.2	96.3	311.8	676.3	444.0	1 113.1	48.7	60.8	562.0
NEW ENGLAND DIVISION	860	114	12.3	78.7	10.4	19.8	59.6	127.9	79.8	207.3	10.6	13.5	113.5
MAINE	59	2	.4	2.1	.3	.5	1.3	4.4	3.2	7.6	.1	.4	2.8
NEW HAMPSHIRE	49	3	1.1	7.0	1.0	1.8	5.8	9.4	6.6	16.1	.7	1.1	7.8
VERMONT	41	5	.4	2.7	.4	.7	2.0	4.1	1.9	6.1	.5	.3	1.7
MASSACHUSETTS	446	57	5.1	31.7	4.3	8.0	23.1	54.7	31.9	86.3	4.0	6.0	48.5
RHODE ISLAND	82	14	1.1	7.7	.9	2.0	5.8	11.7	10.2	22.0	2.5	.8	5.5
CONNECTICUT	183	33	4.2	27.4	3.5	6.7	21.6	43.5	25.9	69.3	2.8	5.0	47.1
MIDDLE ATLANTIC DIVISION	3 073	403	50.2	347.2	39.9	76.5	252.3	548.4	364.2	905.7	38.1	47.3	448.5
NEW YORK	1 853	250	26.0	180.5	21.3	40.5	130.5	310.4	195.8	502.8	20.8	24.0	243.6
NEW JERSEY	499	68	8.5	63.1	7.2	14.2	50.0	96.8	60.9	157.2	3.8	7.6	68.9
PENNSYLVANIA	721	85	15.7	103.7	11.4	21.8	71.8	141.3	107.5	245.7	13.4	15.9	135.9
NORTH CENTRAL REGION	3 507	429	61.9	440.8	50.4	98.0	332.2	719.1	493.8	1 208.1	51.8	63.0	604.9
EAST NORTH CENTRAL DIVISION	2 556	331	52.3	384.4	42.8	83.8	293.0	624.3	424.9	1 045.2	45.6	51.8	513.0
OHIO	647	82	13.7	93.6	11.0	21.9	70.8	151.0	106.4	257.7	5.7	14.0	130.7
INDIANA	271	31	4.1	25.9	3.4	6.9	19.5	48.6	32.4	80.7	3.7	3.9	36.0
ILLINOIS	896	145	25.9	205.9	21.6	42.0	162.9	331.4	218.0	545.5	30.9	25.0	264.8
MICHIGAN	471	46	4.4	29.1	3.7	7.1	20.9	50.8	31.4	82.5	2.5	4.1	39.8
WISCONSIN	271	27	4.2	30.0	3.1	5.9	18.8	42.5	36.7	78.9	2.7	4.7	41.7
WEST NORTH CENTRAL DIVISION	951	98	9.6	56.4	7.6	14.2	39.2	94.8	68.9	162.9	6.3	11.2	91.9
MINNESOTA	216	24	2.1	12.8	1.6	3.0	8.6	21.7	14.4	36.0	.9	3.0	26.4
IOWA	153	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	14.6
MISSOURI	302	36	3.5	21.6	2.8	5.4	15.8	34.9	27.8	62.4	1.6	3.8	32.4
SOUTH DAKOTA	33	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.6
NEBRASKA	89	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3	10.1
KANSAS[e]	133	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	5.6
SOUTH REGION	2 825	318	33.2	200.9	27.4	53.1	150.7	350.0	256.6	604.7	27.8	29.3	244.6
SOUTH ATLANTIC DIVISION	1 377	173	17.3	103.2	14.4	28.1	77.2	185.3	146.9	330.9	15.6	14.4	119.2
DELAWARE[e]	20	5	.3	2.0	.3	.6	1.5	3.5	1.8	5.4	(D)	.2	1.5
MARYLAND	160	24	2.8	19.3	2.4	4.8	14.9	32.4	18.3	50.4	7.3	2.8	25.0
DISTRICT OF COLUMBIA	83	12	2.2	15.2	1.8	3.6	12.3	29.3	21.0	50.1	.5	1.8	17.8
VIRGINIA	188	23	3.0	15.9	2.5	4.9	12.3	32.0	27.8	60.1	2.9	2.1	14.6
WEST VIRGINIA	63	2	.3	1.7	.2	.4	1.1	2.5	1.9	4.4	.1	.4	2.6
NORTH CAROLINA	211	31	2.6	14.6	2.1	4.4	10.0	29.0	26.6	55.4	1.6	2.2	18.8
SOUTH CAROLINA	88	11	.6	3.4	.5	1.0	2.4	5.5	3.2	8.6	.2	.6	3.8
GEORGIA	200	28	2.4	15.2	2.0	3.9	11.0	25.2	30.9	55.4	1.8	2.0	17.5
FLORIDA[e]	364	37	2.9	15.8	2.4	4.6	11.5	26.0	15.4	41.1	1.1	2.3	17.5
EAST SOUTH CENTRAL DIVISION	504	63	8.3	52.5	7.0	13.5	42.3	85.6	55.2	140.7	7.6	7.5	64.8
KENTUCKY	109	18	4.0	27.4	3.4	6.4	23.0	41.4	20.8	62.1	2.1	3.3	28.4
TENNESSEE	189	23	2.6	15.5	2.2	4.3	12.0	27.5	21.5	49.0	4.5	2.8	25.9
ALABAMA	126	16	1.2	6.9	1.0	2.0	5.6	12.1	9.9	22.0	.8	.9	7.1
MISSISSIPPI[e]	80	6	.5	2.7	.4	.8	1.8	4.7	2.9	7.7	.2	.5	3.4
WEST SOUTH CENTRAL DIVISION	944	82	7.7	45.2	6.0	11.6	31.2	79.0	54.5	133.1	4.6	7.4	60.6
ARKANSAS	68	9	.8	4.9	.6	1.2	3.1	8.0	4.8	12.8	.4	.8	6.0
LOUISIANA[e]	130	13	1.0	6.1	.8	1.5	4.0	10.6	5.7	16.3	.4	1.1	7.9
OKLAHOMA	141	10	.7	4.0	.6	1.2	2.9	9.4	5.7	15.1	.5	.6	4.8
TEXAS	605	50	5.1	30.1	4.0	7.8	21.2	51.0	38.2	89.0	3.2	4.9	41.8
WEST REGION	1 833	175	17.5	118.4	14.3	25.7	85.4	202.6	128.5	329.6	14.5	16.9	166.8
MOUNTAIN DIVISION	347	33	2.7	16.1	2.2	4.0	11.9	25.2	16.8	41.8	1.2	2.3	20.8
MONTANA[e]	19	3	.2	1.0	.1	.3	.7	1.6	1.2	2.8	(D)	.1	1.1
IDAHO	17	1	.2	1.1	.1	.2	.7	1.8	.8	2.6	.1	.2	1.0
COLORADO	138	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	6.4
NEW MEXICO[e]	40	1	.2	.9	.1	.2	.6	1.6	1.1	2.7	.1	.2	1.4
ARIZONA	64	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	4.6
UTAH	44	4	.4	2.1	.3	.6	1.6	3.6	2.3	5.9	.2	.4	5.0
PACIFIC DIVISION	1 486	142	14.8	102.3	12.1	21.7	73.5	177.3	111.8	287.7	13.3	14.6	146.0
WASHINGTON	142	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	10.3
OREGON[e]	105	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	4.3
CALIFORNIA	1 206	118	12.7	89.8	10.4	18.8	64.8	155.0	97.1	250.7	12.3	13.0	130.5
HAWAII	22	3	.3	1.3	.2	.4	.9	2.1	1.6	3.8	(D)	[2](D)	[2](D)
2751-15 GRAVURE PRINTING													
UNITED STATES	97	76	18.0	154.9	14.8	29.3	122.9	248.0	204.5	451.5	22.5	15.2	164.7
NORTHEAST REGION	35	24	6.3	56.8	5.1	10.6	45.7	76.7	59.4	135.3	9.6	5.9	54.2
NEW ENGLAND DIVISION	8	7	.6	5.2	.5	1.0	4.2	7.0	7.5	14.4	3.7	.6	4.8
MASSACHUSETTS	4	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
RHODE ISLAND	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	27	17	5.7	51.6	4.6	9.6	41.5	69.8	51.8	120.9	5.9	5.4	49.4
NEW YORK	12	7	.8	8.3	.6	1.0	5.8	12.5	6.4	19.0	.4	.6	6.9
NEW JERSEY	9	5	2.2	21.3	1.9	4.2	18.3	26.4	9.7	35.7	.3	2.6	23.6
PENNSYLVANIA	6	5	2.6	21.9	2.1	4.4	17.4	30.9	35.8	66.1	5.2	2.2	19.0

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2751-15 GRAVURE PRINTING--CON.													
NORTH CENTRAL REGION	34	29	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.7	76.6
EAST NORTH CENTRAL DIVISION	29	25	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.5	75.8
OHIO	11	9	1.3	10.7	1.0	2.1	7.7	22.3	13.7	36.3	1.3	1.4	17.4
INDIANA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	12	10	3.9	34.1	3.5	6.2	29.4	50.3	47.8	97.5	3.3	2.6	32.7
MICHIGAN	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	5	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.8
MISSOURI	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	19	15	2.6	20.7	2.3	4.6	17.5	45.6	42.6	88.4	4.3	1.6	23.4
SOUTH ATLANTIC DIVISION	10	9	1.2	8.0	1.0	2.1	6.3	22.4	28.1	50.8	2.5	.5	8.7
VIRGINIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CAROLINA	5	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	6	4	1.3	12.4	1.2	2.3	11.0	22.8	14.3	36.9	(D)	.8	12.7
KENTUCKY	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	9	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	10.5
PACIFIC DIVISION	7	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	7	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2751-17 LETTERPRESS AND SCREEN PRINTING													
UNITED STATES	12 001	1 363	157.1	1 031.1	127.5	243.9	757.2	1 699.9	1 118.3	2 804.0	120.4	155.0	1 413.5
NORTHEAST REGION	3 898	493	56.3	369.1	45.2	85.7	266.1	599.5	384.6	977.8	39.1	54.9	507.7
NEW ENGLAND DIVISION	852	107	11.7	73.5	9.9	18.7	55.4	120.9	72.2	192.9	6.9	12.9	108.6
MAINE	59	2	.4	2.1	.3	.5	1.3	4.4	3.2	7.6	.1	.4	2.8
NEW HAMPSHIRE	49	3	1.1	7.0	1.0	1.8	5.8	9.4	6.6	16.1	.7	1.1	7.8
VERMONT	41	5	.4	2.7	.4	.7	2.0	4.1	1.9	6.1	.5	.3	1.7
MASSACHUSETTS	442	54	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
RHODE ISLAND	80	12	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CONNECTICUT	181	31	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	3 046	386	44.5	295.6	35.3	67.0	210.7	478.6	312.4	784.8	32.2	42.0	399.1
NEW YORK	1 841	243	25.2	172.2	20.7	39.5	124.6	297.9	189.4	483.8	20.5	23.4	236.8
NEW JERSEY	490	63	6.3	41.7	5.3	10.0	31.6	70.4	51.3	121.4	3.6	5.0	45.4
PENNSYLVANIA	715	80	13.0	81.8	9.3	17.4	54.5	110.3	71.6	179.6	8.2	13.8	116.9
NORTH CENTRAL REGION	3 473	400	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	56.3	528.3
EAST NORTH CENTRAL DIVISION	2 527	306	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	45.2	437.2
OHIO	636	73	12.4	82.9	10.0	19.8	63.2	128.7	92.8	221.4	4.5	12.6	113.3
INDIANA	270	30	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS	884	125	22.0	171.8	18.1	35.8	133.6	281.1	170.2	448.0	27.6	22.5	232.1
MICHIGAN	468	43	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WISCONSIN	269	25	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST NORTH CENTRAL DIVISION	946	94	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	11.1	91.1
MINNESOTA	215	24	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
IOWA	153	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	299	33	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH DAKOTA	33	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.6
NEBRASKA	89	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KANSAS[e]	133	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	2 806	303	30.6	180.2	25.1	48.6	133.2	304.4	213.9	516.3	23.6	27.7	221.2
SOUTH ATLANTIC DIVISION	1 367	164	16.1	95.1	13.4	26.0	70.9	162.9	118.8	280.1	13.2	13.9	110.5
DELAWARE[e]	20	5	.3	2.0	.3	.6	1.5	3.5	1.8	5.4	(D)	.2	1.5
MARYLAND	159	23	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
DISTRICT OF COLUMBIA	83	12	2.2	15.2	1.8	3.6	12.3	29.3	21.0	50.1	.5	1.8	17.8
VIRGINIA	186	21	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	63	2	.3	1.7	.2	.4	1.1	2.5	1.9	4.4	.1	(D)	(D)
NORTH CAROLINA	206	26	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH CAROLINA[e]	87	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
GEORGIA	199	28	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
FLORIDA[g]	364	37	2.9	15.8	2.4	4.6	11.5	26.0	15.4	41.1	1.1	(D)	(D)
EAST SOUTH CENTRAL DIVISION	498	59	6.9	40.2	5.8	11.1	31.3	62.9	40.9	103.7	(D)	6.6	52.2
KENTUCKY	107	16	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	187	21	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ALABAMA	124	16	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSISSIPPI[e]	80	6	.5	2.7	.4	.8	1.8	4.7	2.9	7.7	.2	(D)	(D)
WEST SOUTH CENTRAL DIVISION	941	80	7.6	44.9	5.9	11.5	30.9	78.6	54.3	132.5	(D)	7.2	58.5
ARKANSAS	67	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
LOUISIANA[e]	129	12	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OKLAHOMA	141	10	.7	4.0	.6	1.2	2.9	9.4	5.7	15.1	.5	(D)	(D)
TEXAS	604	50	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
2751-17 LETTERPRESS AND SCREEN PRINTING--CON.													
WEST REGION	1 824	167	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	16.0	156.3
MOUNTAIN DIVISION	345	31	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MONTANA[e]	19	3	.2	1.0	.1	.3	.7	1.6	1.2	2.8	(D)	.1	1.1
IDAHO	17	1	.2	1.1	.1	.2	.7	1.8	.8	2.6	.1	.2	1.0
COLORADO	137	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	6.4
NEW MEXICO[e]	40	1	.2	.9	.1	.2	.6	1.6	1.1	2.7	.1	.2	1.4
ARIZONA	63	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
UTAH	44	4	.4	2.1	.3	.6	1.6	3.6	2.3	5.9	.2	.4	5.0
PACIFIC DIVISION	1 479	136	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	142	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OREGON[e]	105	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	1 199	112	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
HAWAII	22	3	.3	1.3	.2	.4	.9	2.1	1.6	3.8	(D)	.1	.6
2752-- COMMERCIAL PRINTING, LITHOGRAPHIC													
UNITED STATES	6 822	1 648	146.8	1 113.2	112.2	223.3	766.5	1 897.7	1 242.4	3 139.4	125.6	121.1	1 302.0
NORTHEAST REGION	2 109	564	47.4	370.2	36.8	74.0	257.4	628.7	398.7	1 027.3	37.4	40.2	440.5
NEW ENGLAND DIVISION	439	140	10.9	74.8	8.4	17.1	51.4	124.4	70.1	194.7	7.7	8.4	79.3
MASSACHUSETTS	235	79	6.9	47.2	5.3	10.8	32.8	75.5	44.6	120.6	3.9	5.3	48.0
RHODE ISLAND	30	5	.4	2.7	.3	.6	1.7	4.3	2.7	7.0	(D)	[2](D)	[2](D)
CONNECTICUT	131	49	3.2	22.7	2.5	5.1	15.2	40.9	21.0	61.6	3.3	2.1	21.4
MIDDLE ATLANTIC DIVISION	1 670	424	36.4	295.4	28.4	56.9	206.0	504.2	328.6	832.6	29.7	31.8	361.2
NEW YORK	1 050	260	22.9	191.6	17.7	36.1	134.5	331.8	216.3	548.9	18.8	20.4	236.8
NEW JERSEY	258	58	4.7	37.9	3.6	7.2	24.9	63.3	44.7	107.9	3.1	3.8	45.0
PENNSYLVANIA	362	106	8.9	65.9	7.0	13.6	46.7	109.2	67.6	175.9	7.8	7.6	79.5
NORTH CENTRAL REGION	2 136	615	60.5	465.9	45.4	89.6	315.2	763.6	503.0	266.3	51.6	49.5	530.7
EAST NORTH CENTRAL DIVISION	1 571	457	43.9	345.9	33.9	67.1	239.5	568.6	387.5	955.5	42.0	35.9	404.6
OHIO	400	115	11.0	83.2	8.6	16.9	58.1	146.7	85.9	232.4	7.7	9.3	103.7
INDIANA	142	34	2.6	18.7	1.9	3.9	12.1	32.1	17.7	49.7	2.8	2.0	19.2
ILLINOIS	558	177	17.9	148.6	13.9	28.0	104.6	236.5	166.7	403.8	16.7	14.4	166.4
MICHIGAN	299	81	6.9	53.7	5.1	9.9	35.8	85.2	68.3	152.8	7.2	5.7	70.6
WISCONSIN	172	50	5.5	41.7	4.3	8.3	28.9	68.1	48.9	116.7	7.6	4.4	44.8
WEST NORTH CENTRAL DIVISION	565	158	16.6	120.1	11.5	22.5	75.7	195.0	115.5	310.8	9.6	13.6	126.1
MINNESOTA	146	53	8.8	62.9	5.5	10.7	37.0	98.3	50.9	149.5	3.7	7.2	62.4
IOWA	87	16	1.1	7.1	.8	1.6	4.7	11.2	6.4	17.6	.5	[2](D)	[2](D)
MISSOURI	199	58	4.4	34.7	3.5	6.8	23.4	60.4	38.0	98.1	3.1	3.7	39.3
NEBRASKA	47	13	.9	5.9	.7	1.3	4.0	9.7	7.6	17.5	(D)	[2](D)	[2](D)
KANSAS	58	13	1.1	7.9	.8	1.7	5.5	13.1	11.0	24.2	(D)	[2](D)	[2](D)
SOUTH REGION	1 390	287	23.1	153.2	18.0	36.6	106.4	288.9	204.8	492.9	22.5	18.4	176.3
SOUTH ATLANTIC DIVISION	722	162	12.3	84.1	9.7	19.6	59.6	168.5	105.9	274.0	14.4	9.2	98.8
DELAWARE	12	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.0
MARYLAND	110	35	2.5	17.5	2.0	3.8	11.8	28.4	20.3	48.7	3.6	2.4	23.0
DISTRICT OF COLUMBIA[e]	53	16	1.2	9.2	.9	2.0	6.8	15.0	10.9	25.7	1.1	.9	8.4
VIRGINIA	81	22	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	23	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	110	16	1.1	6.7	.9	1.8	4.5	11.4	6.8	18.1	1.1	.6	6.7
SOUTH CAROLINA	28	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	100	23	2.8	20.4	2.2	4.5	14.8	34.2	19.9	53.9	2.4	[2](D)	[2](D)
FLORIDA	205	34	2.0	13.2	1.7	3.4	9.5	26.0	20.3	46.1	2.1	1.6	18.1
EAST SOUTH CENTRAL DIVISION	198	49	4.7	30.2	3.6	7.6	20.7	53.7	56.3	110.1	3.1	3.6	30.6
KENTUCKY	53	17	1.3	8.6	1.0	2.1	5.5	13.9	8.0	22.0	.9	.8	6.9
TENNESSEE	88	24	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	18.4
ALABAMA	38	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	19	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	470	76	6.1	38.9	4.6	9.5	26.1	66.7	42.6	108.8	5.0	5.2	46.9
ARKANSAS	28	4	.3	2.0	.2	.5	1.3	3.3	2.1	5.4	.1	.2	2.0
LOUISIANA	61	11	.8	4.6	.6	1.2	3.2	7.7	5.2	12.9	.3	[2](D)	[2](D)
OKLAHOMA	59	7	.8	5.3	.6	1.3	3.6	9.5	4.6	14.0	1.3	[2](D)	[2](D)
TEXAS	322	54	4.2	27.0	3.2	6.5	17.9	46.2	30.8	76.5	3.2	3.5	31.3
WEST REGION	1 187	182	15.6	123.9	12.1	23.0	87.4	216.6	135.9	352.8	14.2	13.5	154.4
MOUNTAIN DIVISION	237	29	2.3	15.5	1.8	3.7	11.6	29.2	17.6	46.6	1.5	2.5	24.6
COLORADO	84	15	1.1	8.1	.9	1.7	5.7	14.7	8.3	22.7	.7	[2](D)	[2](D)
ARIZONA	57	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
UTAH	29	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEVADA	17	2	.2	1.2	.1	.4	1.0	2.5	1.3	3.8	.1	[2](D)	[2](D)
PACIFIC DIVISION	950	153	13.3	108.0	10.2	19.3	75.8	187.4	118.3	306.3	12.7	11.0	129.8
WASHINGTON	91	12	1.3	9.9	1.0	1.9	7.5	15.9	8.8	24.7	.7	(D)	(D)
OREGON	59	8	1.0	7.9	.7	1.3	5.0	12.8	8.9	21.7	.8	(D)	(D)
CALIFORNIA	779	126	10.7	87.2	8.3	15.6	61.4	153.5	97.5	251.6	10.8	8.7	107.0
HAWAII	18	7	.3	3.0	.2	.4	1.9	5.0	2.9	7.9	.3	.5	3.9

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2753-- ENGRAVING AND PLATE PRINTING													
UNITED STATES	577	129	9.0	58.7	7.3	14.6	42.7	98.8	39.7	137.9	3.8	9.0	80.7
NORTHEAST REGION	239	47	4.1	27.0	3.3	6.6	20.0	45.1	19.4	63.9	1.8	4.3	39.6
NEW ENGLAND DIVISION	50	11	1.1	7.1	.9	1.7	5.2	10.8	3.8	14.5	.7	.9	6.9
MASSACHUSETTS	29	8	.8	5.0	.6	1.2	3.7	7.7	2.6	10.2	.6	.6	1.1
CONNECTICUT	11	2	.2	1.4	.2	.3	1.0	2.2	.9	3.1	(Z)	.2	1.7
MIDDLE ATLANTIC DIVISION	189	36	2.9	19.9	2.4	4.8	14.9	34.3	15.6	49.4	1.2	3.4	32.7
NEW YORK	118	18	1.9	13.5	1.6	3.2	10.0	23.7	9.5	32.7	.8	2.6	24.8
NEW JERSEY	37	9	.4	3.0	.3	.6	2.2	4.7	2.4	7.1	.1	.4	3.1
PENNSYLVANIA	34	9	.6	3.5	.5	1.0	2.7	5.9	3.6	9.5	.3	.5	4.8
NORTH CENTRAL REGION	153	32	2.0	13.6	1.6	3.2	9.9	21.5	8.1	29.5	.7	1.8	15.1
EAST NORTH CENTRAL DIVISION	120	23	1.4	10.1	1.2	2.4	7.3	15.5	5.8	21.2	.6	1.4	12.2
OHIO	25	6	.3	1.9	.3	.5	1.4	2.9	1.3	4.2	.1	.3	2.1
ILLINOIS	55	14	.8	6.0	.7	1.4	4.3	9.2	3.1	12.3	.3	.8	7.2
WEST NORTH CENTRAL DIVISION	33	9	.5	3.5	.4	.9	2.6	6.0	2.3	8.3	.2	.4	2.9
MINNESOTA	7	4	.2	1.4	.2	.4	1.1	2.9	1.1	4.0	(Z)	.2	1.6
MISSOURI	18	4	.2	1.7	.2	.4	1.2	2.5	.9	3.4	.1	.2	1.2
SOUTH REGION	112	34	2.0	11.2	1.6	3.3	8.1	20.7	7.3	28.0	.9	2.0	16.0
SOUTH ATLANTIC DIVISION	57	16	.9	5.1	.7	1.4	3.7	8.6	3.1	11.6	.3	.9	7.5
NORTH CAROLINA	11	4	.3	1.5	.2	.5	1.2	2.2	.8	3.1	.1	.2	1.7
FLORIDA	12	4	.2	1.0	.2	.3	.7	1.6	.6	2.2	.1	.1	.8
EAST SOUTH CENTRAL DIVISION	22	8	.7	3.4	.6	1.2	2.7	7.9	2.3	10.2	.6	.6	5.1
KENTUCKY	13	5	.3	1.7	.2	.5	1.2	2.6	.9	3.6	.4	.3	1.7
ALABAMA	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	33	10	.5	2.7	.4	.7	1.7	4.2	1.9	6.2	.1	.5	3.4
TEXAS	26	9	.4	2.4	.3	.6	1.5	3.7	1.8	5.5	.1	.5	3.3
WEST REGION	73	16	1.0	6.8	.8	1.5	4.7	11.5	4.9	16.5	.3	.9	10.0
PACIFIC DIVISION	66	14	.9	6.2	.7	1.3	4.3	10.3	4.5	14.8	.3	.8	8.9
CALIFORNIA	60	12	.8	5.4	.6	1.2	3.8	9.3	4.0	13.3	.2	.7	8.6
2761-- MANIFOLD BUSINESS FORMS													
UNITED STATES	542	295	34.4	240.2	25.3	51.4	158.9	550.5	384.6	932.3	39.8	28.8	377.7
NORTHEAST REGION	165	82	8.4	58.4	6.2	12.5	39.8	134.5	103.9	237.4	10.0	7.6	92.2
NEW ENGLAND DIVISION	33	20	2.1	14.8	1.5	3.3	9.8	30.8	22.0	52.4	2.2	1.7	20.3
NEW HAMPSHIRE	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VERMONT	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	13	8	.7	5.1	.5	1.0	2.9	7.7	5.9	13.6	.5	.8	6.6
CONNECTICUT	11	7	.6	5.2	.5	1.1	3.9	12.1	8.6	20.4	.7	.5	8.5
MIDDLE ATLANTIC DIVISION	132	62	6.3	43.6	4.7	9.2	30.0	103.8	81.9	185.0	7.8	5.9	71.9
NEW YORK	77	32	3.0	21.6	2.2	4.3	14.7	46.6	36.0	82.2	1.4	3.4	41.7
NEW JERSEY	20	7	.8	5.7	.6	.8	3.3	9.6	7.8	17.3	.6	1.1	9.1
PENNSYLVANIA	35	23	2.5	16.3	2.0	4.2	12.1	47.5	38.1	85.4	5.8	1.5	21.2
NORTH CENTRAL REGION	150	97	13.6	99.5	9.7	19.4	62.1	205.8	136.2	339.8	15.2	10.9	147.8
EAST NORTH CENTRAL DIVISION	105	71	10.9	81.8	7.8	15.5	50.9	174.4	110.0	282.7	12.6	9.1	127.9
OHIO	29	23	4.9	38.0	3.4	6.9	23.4	79.9	40.2	118.9	4.4	4.0	59.9
INDIANA	8	5	.8	5.4	.6	1.2	3.3	15.4	10.4	25.8	.4	.6	12.1
ILLINOIS	40	27	3.8	28.6	2.7	5.4	18.1	60.1	45.0	105.0	5.2	3.3	45.4
MICHIGAN	17	9	.9	6.8	.6	1.2	4.1	10.0	6.9	16.8	1.2	.8	7.1
WISCONSIN	11	7	.5	2.9	.4	.8	2.1	9.0	7.5	16.1	1.4	.3	3.5
WEST NORTH CENTRAL DIVISION	45	26	2.7	17.8	1.9	3.9	11.2	31.4	26.2	57.1	2.7	1.8	19.9
MINNESOTA	12	6	.4	2.9	.2	.4	1.3	3.9	4.1	8.0	.1	.3	2.1
IOWA	6	5	.4	2.7	.4	.7	2.1	7.9	6.3	13.9	1.6	.3	5.0
MISSOURI	17	9	.8	5.3	.6	1.2	3.7	8.5	6.8	15.2	.4	.8	8.5
NEBRASKA	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	6	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.0
SOUTH REGION	129	64	7.6	46.1	5.8	12.5	31.4	116.4	81.7	197.8	7.8	5.9	71.8
SOUTH ATLANTIC DIVISION	68	36	3.6	22.2	2.9	6.2	14.9	55.5	42.2	97.3	4.3	2.6	31.1
MARYLAND	12	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	7	5	.6	2.9	.5	.9	2.0	6.7	5.1	11.9	1.2	(D)	(D)
WEST VIRGINIA	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)
NORTH CAROLINA	16	7	.7	3.5	.6	1.2	2.6	7.4	6.0	13.4	.6	.5	3.6
SOUTH CAROLINA	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA[2]	11	6	.3	2.0	.3	.6	1.4	4.0	3.3	7.2	.2	.3	3.0
FLORIDA	13	8	.4	3.1	.4	.8	1.8	5.1	3.9	9.1	.4	.4	3.4
EAST SOUTH CENTRAL DIVISION	14	8	.8	4.2	.6	1.3	3.1	11.4	8.7	20.2	.5	.8	11.2
KENTUCKY	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	(D)
ALABAMA	5	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	5.4
WEST SOUTH CENTRAL DIVISION	47	20	3.2	19.6	2.3	5.0	13.4	49.5	30.9	80.4	3.0	2.5	29.6
ARKANSAS	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OKLAHOMA	7	3	.3	1.9	.2	.4	1.1	3.7	2.3	5.8	(D)	[2](D)	[2](D)
TEXAS	30	12	2.4	14.3	1.7	3.6	9.9	36.2	23.3	59.7	1.4	2.0	23.5

See footnotes at end of table

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2761-- MANIFOLD BUSINESS FORMS--CON.													
WEST REGION	98	52	4.8	36.2	3.6	6.9	25.6	93.8	62.8	157.3	6.8	4.4	65.8
MOUNTAIN DIVISION	14	6	.4	2.6	.3	.5	1.5	4.4	3.1	7.5	1.4	.2	1.9
PACIFIC DIVISION	84	46	4.5	33.7	3.3	6.4	24.0	89.4	59.7	149.8	5.5	4.2	63.9
WASHINGTON	9	3	.2	1.4	.2	.3	1.1	2.9	2.9	5.7	.5	.2	1.9
OREGON	9	5	.3	2.0	.3	.5	1.5	8.6	3.8	12.4	.3	.3	6.0
CALIFORNIA	66	38	3.9	30.3	2.9	5.6	21.4	77.9	53.0	131.7	4.6	3.8	56.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[3]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Commercial printing, except lithographic (SIC 2751)			Commercial printing, lithographic (SIC 2752)	Engraving and plate printing (SIC 2753)	Manifold business forms (SIC 2761)
	Total	Gravure printing (SIC 2751-15)	Letterpress and screen printing (SIC 2751-17)			
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.86	.89	.86	.82	.91	.91
COVERAGE RATIO[2]	.83	(NA)	(NA)	.80	.81	.90
ESTABLISHMENTS, TOTAL .NUMBER	12 098	97	12 001	6 822	577	542
WITH 1 TO 19 EMPLOYEES .DO	10 659	21	10 638	5 174	448	247
WITH 20 TO 99 EMPLOYEES .DO	1 198	38	1 160	1 376	120	196
WITH 100 EMPLOYEES OR MORE .DO	241	38	203	272	9	99
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	175.1	18.0	157.1	146.5	9.0	34.4
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	1 186.0	154.9	1 031.1	1 113.2	58.7	240.2
PRODUCTION WORKERS:						
AVERAGE FOR YEAR 1,000	142.3	14.9	127.5	112.2	7.3	25.3
MARCH .DO	141.1	14.9	126.2	111.3	7.4	25.0
MAY .DO	141.9	14.8	127.1	111.8	7.4	25.0
AUGUST .DO	141.7	14.9	126.8	111.8	7.1	25.7
NOVEMBER .DO	144.6	14.8	129.8	113.7	7.4	25.4
MAN-HOURS .MILLIONS	273.2	29.2	243.9	223.3	14.6	51.4
JANUARY-MARCH .DO	68.6	7.2	61.3	55.4	3.7	12.8
APRIL-JUNE .DO	67.2	7.4	59.8	55.8	3.7	12.7
JULY-SEPTEMBER .DO	68.0	7.4	60.6	55.2	3.4	12.7
OCTOBER-DECEMBER .DO	69.4	7.3	62.2	57.0	3.7	13.2
WAGES MILLION DOLLARS	880.1	122.9	757.2	766.5	42.7	158.9
COST OF MATERIALS, ETC., TOTAL .DO	1 322.9	204.5	1 118.3	1 242.4	39.7	384.6
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	1 102.5	172.8	929.5	1 009.8	32.3	348.9
COST OF RESALES .DO	79.1	20.3	58.7	46.7	2.8	25.1
FUELS CONSUMED .DO	8.9	1.8	7.1	6.6	.3	1.2
PURCHASED ELECTRIC ENERGY .DO	18.1	2.8	15.3	16.6	.9	3.8
CONTRACT WORK .DO	114.4	6.7	107.7	162.6	3.4	5.6
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	3 255.5	451.5	2 804.0	3 139.4	137.9	932.3
VALUE OF RESALES .DO	101.9	21.1	80.8	65.0	3.1	38.6
VALUE ADDED BY MANUFACTURE .DO	1 947.9	248.0	1 699.9	1 897.7	98.8	550.5
MANUFACTURERS' INVENTORIES:						
BEGINNING OF YEAR, TOTAL .DO	249.5	41.6	207.9	206.8	9.0	92.6
FINISHED PRODUCTS .DO	58.8	9.9	49.0	32.8	.7	24.8
WORK IN PROCESS .DO	69.4	11.5	57.9	80.2	3.2	18.9
MATERIALS, SUPPLIES, FUEL, ETC. .DO	121.3	20.2	101.1	93.8	5.1	48.9
END OF YEAR, TOTAL .DO	275.6	41.0	234.6	209.9	10.0	98.4
FINISHED PRODUCTS .DO	65.8	8.7	57.1	32.7	.7	27.2
WORK IN PROCESS .DO	77.7	13.7	63.9	81.0	3.8	19.3
MATERIALS, SUPPLIES, FUEL, ETC. .DO	132.1	18.6	113.5	96.2	5.4	51.9
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	152.8	24.1	128.7	135.4	4.5	43.2
NEW PLANT AND EQUIPMENT, TOTAL .DO	142.9	22.6	120.4	125.6	3.8	39.8
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	34.3	5.3	29.0	19.9	1.0	9.3
NEW MACHINERY AND EQUIPMENT .DO	108.6	17.3	91.3	105.7	2.7	30.5
USED PLANT AND EQUIPMENT .DO	9.9	1.5	8.3	9.8	.5	3.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1] The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2] The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2751-- COMM. PRINTING, EXCEPT LITHO.											
ESTABLISHMENTS, TOTAL	12 098	175.1	1 186.0	142.3	273.3	880.1	1 947.9	1 322.9	3 255.5	142.9	275.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	7 403	11.9	59.5	11.7	18.8	45.4	145.1	103.7	248.6	21.0	21.6
5 TO 9 EMPLOYEES[e]	1 928	12.9	73.8	11.7	20.7	54.8	128.8	87.4	215.8	6.5	14.8
10 TO 19 EMPLOYEES	1 328	18.1	112.0	14.2	27.9	80.3	184.1	114.9	298.3	8.2	17.9
20 TO 49 EMPLOYEES	871	26.2	166.1	20.4	40.2	115.9	278.6	183.7	459.8	14.6	33.3
50 TO 99 EMPLOYEES	327	22.4	148.5	17.8	35.0	107.0	238.4	166.6	404.0	12.4	36.0
100 TO 249 EMPLOYEES	164	24.7	167.8	19.5	38.5	120.5	292.9	220.5	509.9	20.9	52.2
250 TO 499 EMPLOYEES	37	13.0	97.8	10.3	20.6	74.1	155.7	121.0	275.6	14.5	24.3
500 TO 999 EMPLOYEES	27	18.5	142.5	14.2	26.9	103.2	217.1	136.2	351.2	18.3	29.0
1,000 TO 2,499 EMPLOYEES	10	13.1	98.4	10.5	20.0	79.3	123.1	80.6	200.9	13.2	20.6
2,500 EMPLOYEES OR MORE	3	14.3	119.7	12.0	24.5	99.6	183.9	108.2	291.2	13.2	25.9
ESTABS. COVERED BY ADMIN. RECORDS[1e]	7 916	17.7	86.3	17.7	28.2	65.7	188.0	134.6	322.6	7.8	29.0
2751-15 GRAVURE PRINTING											
ESTABLISHMENTS, TOTAL	97	18.0	154.9	14.9	29.2	122.9	248.0	204.5	451.5	22.6	41.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	1	(Z)	.3	(Z)	.1	.2	.5	.5	1.0	(Z)	(Z)
5 TO 9 EMPLOYEES	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	14	.2	2.0	.1	.3	1.4	3.5	2.0	5.7	.1	.5
20 TO 49 EMPLOYEES	24	.8	6.1	.6	1.2	4.4	11.9	8.0	19.7	.6	1.4
50 TO 99 EMPLOYEES	14	.9	7.1	.7	1.5	5.3	12.1	9.3	21.3	.6	2.2
100 TO 249 EMPLOYEES	18	3.0	22.8	2.5	5.0	17.5	45.2	37.6	83.0	3.3	8.2
250 TO 499 EMPLOYEES	9	3.1	27.7	2.5	5.0	21.3	50.5	45.3	95.7	7.1	8.8
500 TO 999 EMPLOYEES	7	5.2	47.3	4.0	7.7	34.7	67.8	59.4	127.1	4.3	9.2
1,000 TO 2,499 EMPLOYEES	4	4.7	41.5	4.4	8.5	37.9	56.5	42.4	98.1	6.5	10.7
2751-17 LETTERPRESS AND SCREEN PRINTING											
ESTABLISHMENTS, TOTAL	12 001	157.1	1 031.1	127.5	243.9	757.2	1 699.9	1 118.3	2 804.0	120.4	234.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	7 402	24.7	132.9	23.4	39.4	99.9	273.4	190.5	463.3	21.0	36.3
5 TO 9 EMPLOYEES[e]	1 922	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	1 314	17.9	110.0	14.1	27.6	78.9	180.6	112.9	292.7	8.0	17.4
20 TO 49 EMPLOYEES	847	25.4	160.1	19.8	39.0	111.5	266.7	175.7	440.1	14.0	31.9
50 TO 99 EMPLOYEES	313	21.5	141.4	17.1	33.4	101.7	226.3	157.4	382.7	11.8	33.8
100 TO 249 EMPLOYEES	146	21.7	145.0	17.0	33.5	103.0	247.8	182.9	427.0	17.6	44.0
250 TO 499 EMPLOYEES	28	9.9	70.1	7.9	15.6	52.8	105.2	75.7	179.9	7.5	15.5
500 TO 999 EMPLOYEES	20	13.3	95.2	10.2	19.2	68.4	149.3	76.8	224.1	14.0	19.8
1,000 TO 2,499 EMPLOYEES	6	8.4	56.8	6.1	11.5	41.4	66.6	38.2	102.9	6.7	9.9
2,500 EMPLOYEES OR MORE	3	14.3	119.7	12.0	24.5	99.6	183.9	108.2	291.2	13.2	25.9
ESTABS. COVERED BY ADMIN. RECORDS[1e]	7 916	17.7	86.3	17.7	28.2	65.7	188.0	134.6	322.6	7.8	29.0
2752-- COMMERCIAL PRINTING, LITHOGRAPHIC											
ESTABLISHMENTS, TOTAL	6 822	146.5	1 113.2	112.2	223.3	766.5	1 897.7	1 242.4	3 139.4	125.6	209.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	3 072	5.1	32.9	5.0	9.2	23.1	83.7	53.6	137.2	3.7	5.3
5 TO 9 EMPLOYEES[e]	980	6.5	45.2	5.5	10.6	32.0	81.4	49.7	130.8	4.9	5.0
10 TO 19 EMPLOYEES	1 122	15.5	112.2	11.6	23.5	77.4	189.9	115.1	304.1	11.3	12.6
20 TO 49 EMPLOYEES	1 007	30.7	232.4	23.4	46.5	160.4	379.1	238.4	616.1	26.5	30.6
50 TO 99 EMPLOYEES	369	24.8	196.3	19.0	37.9	134.5	320.4	215.6	536.2	23.1	32.4
100 TO 249 EMPLOYEES	199	30.4	237.3	23.4	47.2	165.6	420.3	307.2	728.1	26.3	57.9
250 TO 499 EMPLOYEES	58	19.8	153.4	15.1	30.7	110.0	255.5	156.4	412.9	17.5	37.6
500 TO 999 EMPLOYEES	11	6.9	57.6	5.2	10.0	38.6	92.0	71.8	164.0	10.6	17.2
1,000 TO 2,499 EMPLOYEES	3	6.8	45.9	4.0	7.7	25.0	75.5	34.5	110.0	1.7	11.3
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	3 170	6.6	40.3	6.5	11.7	28.2	94.7	59.7	154.4	4.4	6.3
2753-- ENGRAVING AND PLATE PRINTING											
ESTABLISHMENTS, TOTAL	577	9.0	58.7	7.3	14.6	42.7	98.8	39.7	137.9	3.8	10.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	229	.4	2.3	.4	.6	1.7	5.9	2.5	8.4	.1	.3
5 TO 9 EMPLOYEES[e]	115	.8	4.9	.7	1.3	3.7	9.6	3.9	13.6	.4	.5
10 TO 19 EMPLOYEES	104	1.4	9.4	1.1	2.2	6.7	15.1	5.9	20.9	.5	.8
20 TO 49 EMPLOYEES	97	2.9	19.2	2.2	4.5	13.4	29.7	11.5	41.2	1.4	1.7
50 TO 99 EMPLOYEES	23	1.5	8.7	1.2	2.5	6.6	13.3	8.0	21.3	.4	1.2
100 TO 249 EMPLOYEES	7	2.1	14.2	1.7	3.5	10.5	25.2	7.9	32.5	1.1	5.3
250 TO 499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	247	.6	3.5	.6	1.0	2.7	7.5	3.1	10.6	.2	.4

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2761-- MANIFOLD BUSINESS FORMS											
ESTABLISHMENTS, TOTAL	542	34.4	240.2	25.3	51.4	158.9	550.5	384.6	932.3	39.8	98.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	95	.2	1.0	.2	.3	.7	2.5	1.9	4.4	2.4	.4
5 TO 9 EMPLOYEES	52	.4	2.4	.3	.5	1.7	4.6	3.8	8.3	.4	.6
10 TO 19 EMPLOYEES	100	1.5	9.5	1.1	2.2	6.4	17.5	12.7	30.1	2.5	2.0
20 TO 49 EMPLOYEES	139	4.4	29.6	3.3	6.7	19.8	51.1	43.7	94.5	4.4	8.0
50 TO 99 EMPLOYEES	57	3.8	25.8	2.8	5.8	16.6	58.2	47.0	103.5	7.4	12.8
100 TO 249 EMPLOYEES	71	11.3	75.7	8.4	17.4	50.2	199.8	138.7	338.1	13.2	34.0
250 TO 499 EMPLOYEES	20	7.0	49.7	5.0	10.0	33.4	115.7	79.8	195.9	4.9	21.8
500 TO 999 EMPLOYEES	7	6.0	46.5	4.2	8.5	30.3	101.2	57.0	157.5	4.7	18.9
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	97	.2	1.3	.2	.3	.9	3.0	2.3	5.3	.2	.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments: Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Value of primary product shipments: Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2751	Printing except lithographic.....1967..	3,255.5	2,700.4	430.3	124.8	86	3,265.0	2,700.4	564.6	83
	1963..	2,645.1	2,187.6	365.4	92.0	86	2,711.4	2,187.6	523.8	81
2752	Commercial printing, lithographic.....1967..	3,139.4	2,498.0	549.3	92.1	82	3,132.9	2,498.0	634.9	80
	1963..	2,149.7	1,658.0	422.4	69.3	80	2,025.2	1,658.0	367.2	82
2753	Engraving and plate printing.....1967..	137.9	122.6	11.8	3.5	91	151.3	122.6	28.7	81
	1963..	111.1	93.4	11.7	6.0	89	111.2	93.4	17.8	84
2761	Manifold business forms.....1967..	932.3	809.2	81.5	41.6	91	895.8	809.2	86.6	90
	1963..	637.7	545.0	61.4	31.2	90	598.4	545.0	53.4	91

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [r]Revised.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry and miscellaneous receipts	All industries	Commercial printing, except lithographic (SIC 2751)	Commercial printing, lithographic (SIC 2752)	Engraving and plate printing (SIC 2753)	Manifold business forms (SIC 2761)	Other industries
	Total shipments and miscellaneous receipts	(X)	3,255.5	3,139.4	137.9	932.3	(X)
2751-	Commercial printing, except lithographic	3,265.0	2,700.4	244.0	3.5	29.1	288.0
27511	Magazine and periodical printing (letterpress)	512.7	470.0	22.6	-	1.4	18.7
27512	Labels and wrappers printing (letterpress)	390.2	294.0	21.6	0.4	2.9	71.3
27513	Catalogs and directories printing (letterpress)	171.3	109.0	15.9	(under 2)	(under 2)	45.9
27514	Financial and legal printing (letterpress)	152.9	112.7	27.6	(under 2)	2.3	(5-10)
27515	Advertising printing (letterpress)	345.7	245.3	74.8	0.2	1.6	23.8
27516	Other general job printing (letterpress)	527.7	353.4	72.4	2.2	19.9	79.8
27517	Publication printing (gravure)	216.3	211.4	0.1	-	-	4.8
27518	Other gravure printing	214.1	186.6	3.0	-	(under 2)	(20-50)
27519	Screen process printing, except textiles	93.3	84.5	5.3	(under 2)	(under 2)	(2-5)
27510	Commercial printing, except lithographic, n.s.k.	640.8	633.5	0.7	-	-	6.6
2752-	Commercial printing, lithographic	3,132.9	224.5	2,498.0	2.7	23.6	384.1
27521	Magazine and periodical printing (lithographic)	296.1	69.7	205.2	-	0.1	21.1
27522	Labels and wrappers printing (lithographic)	186.9	10.8	167.9	(under 2)	(under 2)	7.5
27523	Catalogs and directories printing (lithographic)	267.7	32.8	195.1	-	2.8	37.0
27524	Financial and legal printing (lithographic)	137.7	18.4	110.3	-	4.3	4.7
27525	Advertising printing (lithographic)	967.6	51.7	858.9	0.1	2.9	54.0
27526	Other general job printing (lithographic)	705.6	35.6	415.9	1.1	13.1	239.9
27527	Lithographic plates made for others	151.2	4.1	127.9	(under 2)	(under 2)	(10-20)
27520	Commercial printing, lithographic, n.s.k.	420.1	1.3	416.7	(under 2)	-	(under 2)
2753-	Engraving and plate printing	151.3	9.6	4.4	122.6	0.1	14.6
2761-	Manifold business forms	895.8	17.5	41.4	0.3	809.2	27.4
27611	Continuous business forms	480.2	8.0	12.8	(under 2)	448.5	(10-20)
27612	Unit set forms	347.4	8.3	26.6	(under 2)	296.3	(10-20)
27613	Sales and other manifold books, except food and beverage checks	44.2	(under 2)	(under 2)	-	41.9	(under 2)
27610	Manifold business forms, n.s.k.	24.0	(under 2)	(under 2)	-	22.4	(under 2)
	Other product shipments by 4-digit product group						
2641-	Coated and glazed paper	(X)	20.8	-	-	(under 2)	(X)
2643-	Bags, except textile bags	(X)	27.1	(under 2)	-	-	(X)
2645-	Die-cut paper and board	(X)	1.0	2.7	-	8.8	(X)
2649-	Converted paper products, n.e.c.	(X)	2.4	1.1	-	(under 2)	(X)
2651-	Folding paperboard boxes	(X)	2.9	9.0	-	-	(X)
2654-	Sanitary food containers	(X)	-	(over 2)	-	-	(X)
2731-	Book publishing	(X)	(under 2)	7.8	-	(under 2)	(X)
2732-	Book printing	(X)	81.5	155.0	0.4	4.1	(X)
2771-	Greeting cards	(X)	1.3	15.5	(under 2)	(under 2)	(X)
2782-	Blankbooks and looseleaf binders	(X)	3.1	9.6	-	(under 2)	(X)
2789-	Bookbinding and related work	(X)	2.1	5.4	-	(under 2)	(X)
2791-	Typesetting	(X)	5.0	8.2	(under 2)	(under 2)	(X)
2793-	Photoengraving	(X)	6.9	4.8	(under 2)	-	(X)
2899-	Chemical preparations, n.e.c.	(X)	-	(over 2)	-	-	(X)
3497-	Metal foil and leaf	(X)	7.2	0.1	-	-	(X)
3555-	Printing trades machinery	(X)	(2-5)	(under 2)	(under 2)	-	(X)
3579-	Office machines, n.e.c.	(X)	-	(under 2)	-	(over 2)	(X)
3951-	Pens and mechanical pencils	(X)	(under 2)	(2-5)	-	-	(X)
3953-	Marking devices	(X)	(under 2)	3.0	(under 2)	-	(X)
3955-	Carbon paper and inked ribbons	(X)	(under 2)	(5-10)	-	(5-10)	(X)
3993-	Signs and advertising displays	(X)	0.6	(5-10)	-	-	(X)
	Other secondary products	(X)	9.1	12.9	3.0	2.6	(X)
	Miscellaneous receipts	(X)	124.8	92.1	3.5	41.6	(X)
93000	Contract and commission work	(X)	2.5	0.3	(under 2)	-	(X)
9989	Resales	(X)	101.9	65.0	3.1	38.6	(X)
99980	Other miscellaneous receipts	(X)	20.4	26.8	(under 2)	3.1	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product code	Class of products, industry and miscellaneous receipts	Other industries
	Listing of the other industries with over $2 million shipments of the primary products	
2751-	2269 Finishing plants, n.e.c.	(2-5
2751-	2299 Textile goods, n.e.c.	(over 2)
2751-	2641 Paper coating and glazing	16.4
2751-	2643 Bags, except textile bags	39.4
2751-	2645 Die-cut paper and board	4.7
2751-	2649 Converted paper products, n.e.c.	16.0
2751-	2651 Folding paperboard boxes	10.0
2751-	2711 Newspapers	99.4
2751-	2721 Periodicals	7.0
2751-	2731 Book publishing	3.1
2751-	2732 Book printing	35.7
2751-	2741 Miscellaneous publishing	3.3
2751-	2782 Blankbooks and looseleaf binders	5.8
2751-	2789 Bookbinding and related work	2.3
2751-	2791 Typesetting	2.2
2751-	3079 Miscellaneous plastics products	3.3
2751-	3352 Aluminum rolling and drawing	(over 2)
2751-	3497 Metal foil and leaf	4.8

Product code	Class of products, industry and miscellaneous receipts	Other industries
	Listing of the other industries with over $2 million shipments of the primary products--Continued	
2752-	2522 Metal office furniture	(over 2)
2752-	2651 Folding paperboard boxes	7.3
2752-	2711 Newspapers	35.0
2752-	2721 Periodicals	4.6
2752-	2731 Book publishing	13.6
2752-	2732 Book printing	87.0
2752-	2741 Miscellaneous publishing	4.4
2752-	2771 Greeting card publishing	6.6
2752-	2782 Blankbooks and looseleaf binders	2.5
2752-	2791 Typesetting	5.0
2752-	2793 Photoengraving	5.3
2752-	2899 Chemical preparations, n.e.c.	(5-10)
2752-	3411 Metal cans	(100-200)
2752-	3479 Metal coating and allied services	(over 2)
2753-	2794 Electrotyping and stereotyping	4.7
2753-	3911 Jewelry, precious metal	(over 2)
2761-	2645 Die-cut paper and board	23.3
2761-	2782 Blankbooks and looseleaf binders	(2-5)

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Value of Receipts by all Producers: 1967 and 1963

(Includes value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See appendix under "Value of receipts")

Product code	Product	Value of receipts including interplant transfers (million dollars)	
		1967	1963
2751- --	COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC, TOTAL	3,265.0	2,711.4
27511 --	Magazine and periodical printing (letterpress)	512.7	574.0
27511 15	Magazines and periodicals (excluding magazine and comic supplements for Sunday newspapers)	458.8	530.9
27511 17	Magazine and comic supplements for Sunday newspapers	34.4	43.0
27511 00	Magazine and periodical printing (letterpress), n.s.k.	19.5	-
27512 --	Labels and wrapper printing (letterpress)	390.2	296.9
	Labels, custom and stock printed, including bordered, made of paper or foil (excluding labels made of fabric):		
27512 12	Flat, except pressure sensitive (including flexographic)	121.8	118.9
27512 14	Rolls, except pressure sensitive (including flexographic)	33.8	16.3
27512 17	Pressure sensitive	51.6	30.5
	Wrappers or wraps (except bags, envelopes, pouches, etc.):		
27512 31	Cellophane, flexographic	78.3	57.7
27512 33	Paper	29.1	19.4
	Other, including polyethylene:		
27512 39	Flexographic	56.9	38.4
27512 49	Letterpress	6.0	
27512 00	Labels and wrappers printing (letterpress), not reported separately	12.7	15.6
27513 --	Catalogs and directories printing (letterpress)	171.3	148.7
27513 11	Catalogs	84.3	70.3
27513 15	Directories of all types	81.7	73.0
27513 00	Catalogs and directories printing (letterpress), not reported separately	5.3	5.4
27514 --	Financial and legal printing (letterpress)	152.9	111.3
27514 23	Financial and legal printing, including insurance forms, security certificates, SEC filing, prospect uses, briefs, etc	72.8	58.0
27514 25	Bank printing, including deposit slips, counter checks, business checks, imprinting of bank checks, etc. (excluding checkbooks)	53.2	28.7
27514 27	Bank form printing, including printing of passbooks, debit and credit slips, ledger and statement sheets, including the printing of installment-loan coupon books, etc. (excluding checkbooks)	16.7	10.6
27514 00	Financial and legal printing (letterpress), not reported separately	10.2	14.0
27515 --	Advertising printing (letterpress)	345.7	276.4
	Advertising printing (printing designed to sell products or services):		
27515 11	Direct mail, including circulars, letters, pamphlets, cards, and printed envelopes	217.2	125.1
27515 21	Display advertising (poster, car cards, window, counter, and floor displays, point-of-purchase and other printed display material)	28.1	29.6
27515 98	Other advertising printing, including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc	75.9	78.0
27515 00	Advertising printing (letterpress), n.s.k.	24.5	43.7
27516 --	Other general job printing (letterpress)	527.7	717.0
27516 13	Scientific and technical recording charts and chart paper (containing preprinted grids and scale markings) except pen ruled	46.9	9.0
27516 24	Trading stamps and all types of seals (including private and decorative stamps)	9.5	5.8
27516 34	Food and beverage check printing	11.5	5.3
27516 41	Newspapers, preprints (patent sides) shopping news, and market circulars	81.5	69.2
27516 44	Ticket and coupon printing, including transportation and amusement	19.3	19.7
27516 71	Business forms, n.e.c., including cut single manifold forms, loose or padded, but excluding blankbooks and looseleaf forms	92.8	125.9
27516 75	Tags, printed, including embossing	38.9	43.0
27516 81	Playing cards, printed	8.1	6.3
27516 83	Credit and identification cards, printed: plastic, paper, laminations, etc., including flexographic, printed	5.3	(NA)
27516 91	Printing on metal	4.4	2.1
27516 93	Calendars and calendar pads	33.3	31.0
27516 98	All other general commercial printing, not elsewhere reported, letterpress printing, including maps, atlases, globe covers, etc	133.1	191.1
27516 00	Other general job printing (letterpress) n.s.k.	43.1	208.6
27517 --	Publication printing (gravure)	216.3	158.9
27517 11	Newspapers preprints (patent sides), shopping news, and market circulars	2.4	4.5
27517 33	Magazines and periodicals (excluding magazine and comic supplements for Sunday newspapers)	59.7	53.1
27517 35	Magazine and comic supplements for Sunday newspapers	65.3	46.3
27517 74	Catalogs	73.1	50.7
27517 76	Directories of all types	0.8	
27517 00	Publication printing (gravure) n.s.k.	15.0	4.3

See footnotes at end of table.

TABLE 6A. Value of Receipts by all Producers: 1967 and 1963—Continued

(Includes value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See appendix under "Value of receipts")

Product code	Product	Value of receipts including interplant transfers (million dollars) 1967	1963
2751- --	COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC--Continued		
27518 --	Other gravure printing	214.1	145.9
	Labels, custom and stock printed, including bordered, made of paper or foil (excluding labels made of fabric):		
27518 21	Flat, except pressure sensitive	33.2	22.2
27518 24	Rolls, except pressure sensitive	26.7	32.1
	Wrappers or wraps (except bags, envelopes, pouches, etc.):		
27518 32	Paper	25.3	24.3
27518 31	Cellophane	6.1	(S)
27518 35	Other, including polyethylene	(D)	
27518 37	Other advertising printing, not reported above by product and/or process, including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.	29.8	8.3
27518 71	Printing plates and cylinders made for others	30.9	17.6
27518 73	Trading stamps and all types of seals (including private and decorative stamps)	(D)	(NA)
27518 81	Playing cards, printed	(D)	(NA)
27518 98	All other general commercial printing, not elsewhere reported	18.2	30.6
27518 00	Other gravure printing, n.s.k.	5.8	4.1
27519 --	Screen process printing, except textiles	93.3	69.2
27519 11	Decalcomanias and pressure sensitives	14.6	8.8
27519 15	Decalcomanias: labels, custom and stock printed, including bordered--made of paper or foil	12.7	10.9
27519 17	Pressure sensitive labels, custom and stock printed, including bordered--made of paper or foil	10.9	
27519 21	Display advertising (posters, car cards, window, counter, and floor displays, point-of-purchase and other printed display material)	28.6	17.7
27519 29	Other advertising printing, including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc	9.8	6.2
27519 98	All other general commercial printing, not elsewhere reported	11.2	12.9
27519 00	Screen process printing, except textiles, n.s.k.	5.5	12.6
27510 00	Commercial printing, except lithographic, not specified by process or kind of product. (For companies with 10 or more employees. See Note.)	319.5	213.1
27510 02	Commercial printing, except lithographic, not specified by process or kind of product. (For companies with less than 10 employees. See Note.)	321.3	
2752- --	COMMERCIAL PRINTING, LITHOGRAPHIC, TOTAL	3,132.9	2,025.2
27521 --	Magazine and periodical printing (lithographic)	296.1	138.6
	Magazines and periodicals (excluding magazine and comic supplements for Sunday newspapers):		
27521 12	Sheet-fed	98.5	136.1
27521 14	Web-fed	179.6	
27521 17	Magazine and comic supplements for Sunday newspapers	10.4	2.5
27521 00	Magazines and periodicals (lithographic) n.s.k.	7.6	(X)
27522 --	Labels and wrappers printing (lithographic)	186.9	147.3
	Labels, custom and stock printed, including bordered, made of paper or foil (excluding labels made of fabric):		
	Flat (except pressure sensitive):		
27522 11	Sheet-fed	113.2	117.7
27522 13	Web-fed	8.8	
27522 17	Pressure sensitive	35.5	6.0
27522 34	Wrappers or wraps, paper (except bags, envelopes, punches, etc.)	22.9	11.1
27522 00	Labels and wrappers, printing (lithographic) n.s.k.	6.5	12.5
27523 --	Catalogs and directories, printing (lithographic)	267.7	165.3
	Catalogs:		
27523 12	Sheet-fed	117.0	130.9
27523 14	Web-fed	74.4	
27523 31	Directories all types	60.2	25.9
27523 00	Catalogs and directories, printing (lithographic) n.s.k.	16.1	8.5
27524 --	Financial and legal printing (lithographic)	137.7	108.9
27524 23	Financial and legal printing, including insurance forms, security certificates, SEC filings, prospect uses, briefs, etc	68.2	48.7
27524 25	Bank printing, including deposit slips, counter checks, business checks, imprinting of bank checks, etc. (excluding checkbooks)	49.4	42.8
27524 27	Bank form printing, including the printing of pass books, debit and credit slips, ledger and statement sheets, including the printing of installment-loan coupon books, etc. (excluding checkbooks)	16.8	10.2
27524 00	Financial and legal printing (lithographic) n.s.k.	3.3	7.2

See footnotes at end of table.

TABLE 6A. Value of Receipts by All Producers: 1967 and 1963—Continued

(Includes value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See appendix under "Value of shipments")

Product code	Product	Value of receipts including interplant transfers (million dollars)	
		1967	1963
2752- --	COMMERCIAL PRINTING, LITHOGRAPHIC,--Continued		
27525 --	Advertising printing (lithographic)	967.6	721.6
	Direct mail, including circulars, letters, pamphlets, cards, and printed envelopes:		
27525 12	Sheet-fed	444.2	293.4
27525 14	Web-fed	111.6	
27525 31	Display advertising (posters, car cards, window, counter, and floor displays, point-of-purchase and other printed display material)	122.0	127.8
	Other advertising printing, including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.:		
27525 52	Sheet-fed	201.7	239.0
27525 54	Web-fed	21.9	
27525 00	Advertising printing (lithographic) n.s.k.	66.2	61.3
27526 --	Other general job printing (lithographic)	705.6	517.7
	Newspapers, preprints (patent sides), shopping news, and market circulars:		
27526 12	Sheet-fed	17.3	19.2
27526 14	Web-fed	42.0	
27526 13	Scientific and technical recording charts and chart paper (containing preprinted grids and scale markers), except pen ruled	(S)	(S)
27526 21	Maps, atlas, and globe cover printing, including roadmaps and strip maps	10.0	12.0
27526 43	Calendars and calendar pads	32.5	24.4
27526 44	Tickets, coupon, food and beverage check printing, including transportation and amusement	5.5	6.9
27526 47	Playing cards, printed	28.1	19.2
27526 51	Decalcomanias and pressure sensitives	13.5	10.6
27526 71	Trading stamps and all types of seal (including private and decorative stamps)	7.7	8.0
27526 81	Printing on metal	(D)	(S)
27526 83	Credit and identification cards, printed; plastic, paper, laminations, etc	5.9	(NA)
	Business forms, n.e.c. including cut single manifold forms, loose or padded, but excluding blankbooks and looseleaf forms:		
27526 92	Sheet-fed	77.1	114.8
27526 94	Web-fed	21.3	
27526 95	Art reproductions and picture prints	33.6	18.4
	All other general commercial lithography, not elsewhere reported:		
27526 97	Sheet-fed	76.6	132.5
27526 99	Web-fed	10.9	
27526 00	Other commercial printing (lithographic) n.s.k.	(D)	107.9
27527 11	Lithographic plates made for others	151.2	129.5
27520 00	Commercial lithographic printing, not specified by kind of product. (For companies with 10 or more employees. See Note.)	266.4	96.3
27520 02	Commercial lithographic printing, not specified by kind of product (For companies with less than 10 employees. See Note.)	153.7	
2753- --	ENGRAVING AND PLATE PRINTING, TOTAL	151.3	111.2
27530 --	Engraving and plate printing (except photoengraving):		
	Kind of product:		
27530 12	Security	21.5	18.8
27530 22	Social	25.2	14.6
27530 32	Commercial	34.1	24.2
	Plates made for others (excluding duplicates):		
27530 42	Intaglio plates	5.9	2.4
27530 52	Other	13.3	9.7
	Duplicate plates for letterpress:		
27530 71	Rubber plates	9.1	10.8
27530 75	Other	10.8	10.6
27530 00	Engraving and plate printing, n.s.k. (For companies with 10 or more employees. See Note.)	20.8	20.0
27530 02	Engraving and plate printing, n.s.k. (For companies with less than 10 employees. See Note.)	10.6	

See footnotes at end of table.

TABLE 6A. Value of Shipments by All Producers: 1967 and 1963 -Continued

(Includes value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See appendix under "Value of shipments")

Product code	Product	Value of shipments including interplant transfers (million dollars)	
		1967	1963
2761- --	MANIFOLD BUSINESS FORMS, TOTAL	895.8	598.4
27611 --	Continuous business forms	480.2	291.1
27611 11	Imprinted stock forms	81.2	15.9
27611 15	Stock forms	81.7	53.9
27611 21	Specially printed (produced to individual order) and spirit duplicating paper plates	249.3	169.9
27611 25	Tabulating cards, continuous (single tabulating cards in continuous forms, with or without a medial strip between cards, with or without a side voucher, or top or bottom voucher)	19.4	(NA)
27611 31	Fanfold (multiple copy form of two or more parts, in which the parts are hinged and joined; fanfold including any combined form in which 50 percent or more of the parts are so hinged)	21.8	25.9
27611 51	Autographic register (any form, strip or fanfold of any number of parts in continuous rolls or folded packs sold for use in an autographic register)	24.1	22.2
27611 00	Continuous business forms, not distributed by kind	2.7	3.2
27612 --	Unit-set forms	347.4	258.0
27612 11	Stocks, including imprinted	58.9	20.3
27612 51	Specially printed (produced to individual order)	250.1	216.7
27612 61	Tabulating card sets (any combination of one or more cards assembled and joined with any sheet, with or without carbon, held together by a common perforated stub, not in continuous style)	36.9	17.3
27612 00	Unit-set forms, not distributed by kind	1.5	3.6
27613 --	Sales and other manifold books except food and beverage checks	44.2	39.6
27613 11	Stock (excluding imprinted)	9.5	5.3
27613 51	Specially printed (produced to individual order)	34.7	34.3
27610 00	Manifold business forms, n.s.k. (For companies with 10 or more employees. See note.)	18.7	9.8
27610 02	Manifold business forms, n.s.k. (For companies with less than 10 employees. See note.)	5.3	

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
MAGAZINE AND PERIODICAL PRINTING (LETTERPRESS) (27511)		
United States	512.7	574.0
Northeast Region	150.9	224.4
New England Div	39.5	58.4
New Hampshire	5.6	(1)
Vermont	AA	(D)
Massachusetts	5.4	7.6
Connecticut	27.0	40.1
Middle Atlantic Div	111.5	166.0
New York	59.4	67.5
New Jersey	9.6	7.7
Pennsylvania	42.5	90.8
North Central Region	254.7	251.1
East North Central Div	238.4	215.0
Ohio	GG	71.5
Indiana	12.7	12.1
Illinois	134.2	118.9
Michigan	2.3	3.8
Wisconsin	CC	8.8
West North Central Div	16.4	36.8
Minnesota	4.4	6.8
Missouri	7.1	24.7
Kansas	3.6	2.7
South Region	85.9	70.5
South Atlantic Div	43.1	34.6
Maryland	12.9	6.7
District of Columbia	19.8	14.8
Virginia	6.1	4.7
Georgia	1.6	1.9
Florida	1.2	3.7
East South Central Div	32.5	24.8
Kentucky	EE	(1)
Tennessee	13.4	11.2
Alabama	CC	(1)
West South Central Div	10.3	11.0
Texas	9.2	9.5
West Region	21.2	27.3
Mountain Div	1.7	1.8
Colorado	1.0	1.0
Pacific Div	19.5	25.4
California	18.4	24.4
LABELS AND WRAPPERS PRINTING (LETTERPRESS) (27512)		
United States	390.2	296.9
Northeast Region	135.6	97.4
New England Div	14.7	16.6
Massachusetts	11.4	13.4
Rhode Island	2.8	(D)
Middle Atlantic Div	120.9	80.8
New York	58.2	42.0
New Jersey	25.0	12.2
Pennsylvania	37.8	26.6
LABELS AND WRAPPERS PRINTING (LETTERPRESS) (27512)--Con.		
North Central Region	146.7	106.7
East North Central Div	126.5	93.4
Ohio	43.8	31.9
Indiana	5.0	3.8
Illinois	45.1	30.8
Michigan	10.0	12.4
Wisconsin	22.5	14.5
West North Central Div	20.2	13.3
Minnesota	6.9	2.2
Iowa	1.2	1.4
Missouri	5.6	5.6
Nebraska	CC	(1)
South Region	56.1	47.6
South Atlantic Div	41.8	28.9
Maryland	2.4	3.7
North Carolina	13.6	5.8
South Carolina	BB	(1)
Georgia	19.3	14.3
Florida	1.9	(1)
East South Central Div	8.5	12.3
Tennessee	4.0	6.4
Alabama	BB	(1)
West South Central Div	5.8	6.4
Oklahoma	AA	(D)
Texas	4.1	5.5
West Region	51.8	45.2
Mountain Div	1.6	1.6
Colorado	1.5	1.5
Pacific Div	50.2	43.6
Washington	5.1	6.2
Oregon	AA	(1)
California	43.0	37.2
CATALOGS AND DIRECTORIES PRINTING (LETTERPRESS) (27513)		
United States	171.3	148.7
Northeast Region	46.8	42.5
New England Div	7.2	5.5
New Hampshire	AA	(1)
Massachusetts	4.0	2.2
Middle Atlantic Div	39.6	37.0
New York	10.1	10.9
New Jersey	FF	(1)
Pennsylvania	CC	(1)
North Central Region	68.7	60.1
East North Central Div	58.6	52.4
Ohio	5.3	3.7
Indiana	5.2	5.1
Illinois	44.0	38.3
Michigan	2.6	3.9
Wisconsin	1.4	1.4
West North Central Div	10.1	7.7
Minnesota	4.3	3.5
Iowa	1.7	1.6
Missouri	2.5	1.5
CATALOGS AND DIRECTORIES PRINTING (LETTERPRESS) (27513)--Con.		
South Region	27.4	22.9
South Atlantic Div	11.6	9.7
Maryland	1.6	(D)
Virginia	1.3	1.8
North Carolina	1.0	(D)
Georgia	5.9	4.4
East South Central Div	6.9	4.8
Tennessee	5.1	4.0
West South Central Div	8.9	8.4
Texas	7.5	7.2
West Region	28.4	23.2
Mountain Div	2.4	1.4
Montana	AA	(D)
Pacific Division	25.9	21.8
California	24.6	21.4
FINANCIAL AND LEGAL PRINTING (LETTERPRESS) (27514)		
United States	152.9	111.3
Northeast Region	65.4	46.1
New England Div	12.3	8.7
Massachusetts	9.6	6.3
Connecticut	1.8	1.6
Middle Atlantic Div	52.9	37.4
New York	40.3	29.7
New Jersey	4.9	2.0
Pennsylvania	7.7	5.7
North Central Region	36.5	30.8
East North Central Div	25.7	24.4
Ohio	3.3	4.4
Indiana	3.6	4.3
Illinois	13.8	11.7
Michigan	3.5	3.4
Wisconsin	1.5	(1)
West North Central Div	10.8	6.4
Iowa	1.6	(D)
Missouri	5.1	2.8
Nebraska	2.2	(D)
Kansas	1.2	1.4
South Region	33.1	20.9
South Atlantic Div	19.2	11.2
Maryland	5.1	2.1
District of Columbia	1.3	1.3
Virginia	2.2	(D)
North Carolina	2.6	1.4
Georgia	1.7	2.2
Florida	5.1	2.6
East South Central Div	4.7	3.0
Kentucky	1.8	(D)
Tennessee	1.6	1.4
Alabama	1.1	(D)
West South Central Div	9.1	6.7
Arkansas	AA	(D)
Louisiana	1.2	1.0
Texas	6.7	4.5

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
FINANCIAL AND LEGAL PRINTING (LETTERPRESS) (27514)--Con.		
West Region	17.9	13.4
Mountain Div	5.9	3.6
Colorado	2.7	(D)
Arizona	1.1	1.0
Utah	2.0	1.2
Pacific Div	12.0	9.8
California	10.5	7.5
ADVERTISING PRINTING (LETTERPRESS) (27515)		
United States	345.7	276.4
Northeast Region	177.7	130.7
New England Div	41.5	24.1
Massachusetts	15.6	10.9
Rhode Island	3.2	1.4
Connecticut	20.3	10.1
Middle Atlantic Div	136.2	106.6
New York	100.7	73.7
New Jersey	12.2	10.9
Pennsylvania	23.4	22.0
North Central Region	98.6	86.6
East North Central Div	77.5	64.9
Ohio	16.9	17.3
Indiana	7.0	5.0
Illinois	39.0	30.1
Michigan	10.8	8.6
Wisconsin	3.8	3.8
West North Central Div	21.1	21.7
Minnesota	7.4	7.2
Iowa	4.3	3.5
Missouri	6.3	7.0
Nebraska	1.3	2.2
Kansas	1.5	1.3
South Region	43.6	35.4
South Atlantic Div	24.3	20.6
Delaware	1.2	(1)
Maryland	5.6	7.2
District of Columbia	1.9	2.9
Virginia	2.7	1.4
North Carolina	2.4	2.1
Georgia	6.3	3.4
Florida	3.3	2.3
East South Central Div	7.6	4.9
Kentucky	1.9	1.6
Tennessee	2.9	2.3
Alabama	2.6	(D)
West South Central Div	11.7	9.9
Louisiana	1.0	(D)
Oklahoma	1.1	(D)
Texas	8.7	7.5
West Region	25.8	23.7
Mountain Div	3.9	3.0
Colorado	1.2	1.0
Arizona	1.5	(D)
Pacific Div	21.9	20.7
Washington	2.3	1.2
California	18.1	18.1
OTHER GENERAL JOB PRINTING (LETTERPRESS) (27516)		
United States	527.7	717.0
Northeast Region	177.3	239.9
New England Div	41.1	51.5
Maine	1.2	2.2
Vermont	1.1	(1)
Massachusetts	29.3	33.8
Rhode Island	1.5	4.6
Connecticut	7.4	8.0
Middle Atlantic Div	136.1	188.4
New York	82.9	110.8
New Jersey	23.5	29.1
Pennsylvania	29.7	48.5
North Central Region	189.7	242.4
East North Central Div	143.2	169.2
Ohio	32.3	49.9
Indiana	8.9	12.9
Illinois	69.9	64.5
Michigan	18.8	26.9
Wisconsin	13.3	15.0
West North Central Div	46.5	73.2
Minnesota	17.5	21.3
Iowa	9.2	14.5
Missouri	13.8	21.2
Nebraska	3.1	7.7
Kansas	2.0	5.3
South Region	94.2	123.8
South Atlantic Div	44.4	59.8
Maryland	5.5	8.5
District of Columbia	4.6	3.9
Virginia	13.6	13.3
North Carolina	3.9	7.6
South Carolina	1.6	3.0
Georgia	6.7	8.9
Florida	7.5	10.0
East South Central Div	17.5	26.1
Kentucky	4.3	6.1
Tennessee	7.5	12.2
Alabama	4.0	4.9
Mississippi	1.7	2.9
West South Central Div	32.3	37.9
Arkansas	5.3	5.0
Louisiana	4.3	5.6
Oklahoma	5.0	4.0
Texas	17.8	23.3
West Region	66.4	110.9
Mountain Div	9.6	17.3
Colorado	4.5	5.6
Arizona	2.1	2.2
Pacific Div	56.8	93.6
Washington	4.4	8.2
Oregon	2.9	5.0
California	48.7	79.2
PUBLICATION PRINTING (GRAVURE) (27517)		
United States	216.3	158.9
Northeast Region	58.2	50.5
New England Div	CC	4.1
New Hampshire	BB	(D)
Rhode Island	BB	(1)
PUBLICATION PRINTING (GRAVURE) (27517)--Con.		
Northeast Region--Con.		
Middle Atlantic Div	GG	46.4
New Jersey	EE	(1)
Pennsylvania	FF	(1)
North Central Region	115.3	78.0
East North Central Div	GG	(D)
Ohio	CC	(1)
Indiana	FF	(1)
Illinois	81.0	58.6
Michigan	BB	(1)
South Region	29.1	21.6
South Atlantic Div	BB	(D)
Maryland	BB	(1)
East South Central Div	FF	(D)
Kentucky	FF	(1)
Tennessee	BB	(1)
West Region	13.8	8.8
Mountain Div	AA	1.3
Colorado	AA	(D)
Pacific Div	EE	7.6
California	EE	7.4
OTHER GRAVURE PRINTING (27518)		
United States	214.1	145.9
Northeast Region	46.5	43.2
New England Div	11.0	13.2
Massachusetts	4.5	(1)
Rhode Island	CC	(D)
Middle Atlantic Div	35.5	30.0
New York	17.7	12.3
New Jersey	6.9	4.0
Pennsylvania	11.0	13.7
North Central Region	82.7	72.2
East North Central Div	GG	68.2
Ohio	28.6	20.8
Indiana	CC	(1)
Illinois	20.7	21.4
Michigan	6.2	(1)
Wisconsin	7.4	18.4
West North Central Div	EE	4.0
Missouri	EE	3.4
South Region	78.4	24.8
South Atlantic Div	61.7	15.8
Delaware	AA	(1)
Maryland	CC	3.6
Virginia	FF	(1)
North Carolina	29.4	(1)
East South Central Div	EE	5.7
Kentucky	CC	(1)
Tennessee	CC	(D)
West Region	6.5	5.7
Pacific Div	CC	(D)
California	5.8	5.6

See footnotes at end of table.

TABLE 6B Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
SCREEN PROCESS PRINTING, EXCEPT TEXTILES (27519)		
United States	93.3	69.2
Northeast Region	24.3	19.9
New England Div	5.3	3.3
Massachusetts	3.0	2.4
Connecticut	BB	(D)
Middle Atlantic Div	19.0	16.6
New York	7.6	9.6
New Jersey	6.9	3.3
Pennsylvania	4.5	3.7
North Central Region	43.5	29.5
East North Central Div	32.3	23.7
Ohio	5.7	4.8
Indiana	1.3	1.1
Illinois	15.5	13.0
Michigan	5.7	2.9
Wisconsin	4.0	1.9
West North Central Div	11.2	5.8
Minnesota	5.4	3.0
Missouri	BB	2.3
Kansas	BB	(D)
South Region	11.9	9.2
South Atlantic Div	5.1	3.3
Georgia	AA	1.0
Florida	2.1	1.6
East South Central Div	1.0	1.6
West South Central Div	5.8	4.3
Oklahoma	BB	1.5
Texas	3.2	2.5
West Region	13.6	10.6
Pacific Div	EE	(D)
California	11.6	9.3
MAGAZINE AND PERIODICAL PRINTING (LITHOGRAPHIC) (27521)		
United States	296.1	138.6
Northeast Region	69.2	34.1
New England Div	20.2	7.0
New Hampshire	CC	(D)
Massachusetts	4.7	2.5
Connecticut	5.2	3.6
Middle Atlantic Div	49.0	27.1
New York	22.6	18.4
New Jersey	2.2	1.5
Pennsylvania	24.2	7.2
North Central Region	135.4	64.5
East North Central Div	108.7	50.8
Ohio	32.0	18.3
Indiana	3.4	(1)
Illinois	45.8	14.2
Michigan	9.3	10.0
Wisconsin	18.3	7.3
West North Central Div	26.7	13.7
Minnesota	12.5	5.3
Missouri	8.2	3.4
Nebraska	3.7	2.9
Kansas	1.5	(1)
MAGAZINE AND PERIODICALS PRINTING (LITHOGRAPHIC) (27521)--Con.		
South Region	60.4	24.3
South Atlantic Div	43.9	15.0
Maryland	5.4	6.4
District of Columbia	15.1	2.9
Virginia	2.5	(1)
Georgia	7.2	2.2
Florida	11.9	2.0
East South Central Div	11.2	5.2
Kentucky	BB	(1)
Tennessee	6.2	3.3
Alabama	AA	(1)
West South Central Div	5.3	4.1
Texas	4.0	2.7
West Region	31.1	15.6
Mountain Div	4.3	2.1
Colorado	1.8	(D)
Arizona	AA	(D)
Pacific Div	26.8	13.5
Washington	3.5	1.0
Oregon	1.8	(1)
California	21.2	12.0
LABELS AND WRAPPERS PRINTING (LITHOGRAPHIC) (27522)		
United States	186.9	147.3
Northeast Region	65.7	45.5
New England Div	8.2	5.7
Massachusetts	7.6	4.6
Middle Atlantic Div	57.5	39.8
New York	44.4	26.7
New Jersey	5.6	6.1
Pennsylvania	7.5	7.0
North Central Region	65.9	57.6
East North Central Div	49.9	46.7
Ohio	9.5	6.1
Indiana	1.1	3.0
Illinois	30.7	29.7
Michigan	5.1	4.4
Wisconsin	3.5	3.4
West North Central Div	16.1	10.9
Minnesota	5.9	2.8
Missouri	6.0	4.5
Nebraska	BB	(1)
South Region	21.9	17.3
South Atlantic Div	15.4	12.9
Maryland	CC	5.2
Virginia	BB	(1)
West Virginia	BB	(D)
North Carolina	1.3	1.6
Georgia	1.3	2.1
East South Central Div	3.1	2.0
Kentucky	1.2	(D)
Tennessee	1.8	1.3
West South Central Div	3.5	2.5
Texas	1.8	1.5
West Region	33.4	26.9
Pacific Div	32.7	(D)
California	29.9	24.5
Hawaii	AA	(1)
CATALOGS AND DIRECTORIES PRINTING (LITHOGRAPHIC) (27523)		
United States	267.7	165.3
Northeast Region	71.1	50.6
New England Div	24.5	17.1
New Hampshire	AA	(D)
Massachusetts	17.7	13.4
Connecticut	3.7	2.8
Middle Atlantic Div	46.6	33.5
New York	24.6	19.9
New Jersey	7.1	3.0
Pennsylvania	14.9	10.6
North Central Region	137.0	78.8
East North Central Div	115.8	65.7
Ohio	28.1	9.1
Indiana	13.0	7.2
Illinois	42.9	25.9
Michigan	17.7	13.9
Wisconsin	14.0	9.6
West North Central Div	21.2	13.2
Minnesota	10.8	3.5
Iowa	2.6	(D)
Missouri	5.2	6.5
Kansas	1.4	2.0
South Region	31.9	16.6
South Atlantic Div	20.5	9.8
Maryland	2.9	4.4
District of Columbia	2.3	1.4
Virginia	2.3	1.3
North Carolina	1.5	(D)
Georgia	6.8	1.3
Florida	4.0	(D)
East South Central Div	4.9	2.0
Kentucky	1.4	(D)
Tennessee	3.4	(D)
West South Central Div	6.5	4.8
Oklahoma	1.7	1.6
Texas	4.2	2.9
West Region	27.7	19.3
Mountain Div	7.2	6.2
Colorado	4.4	(1)
Arizona	2.1	(D)
Pacific Div	20.5	13.1
Washington	2.2	1.3
Oregon	3.5	(1)
California	14.7	10.2
FINANCIAL AND LEGAL PRINTING (LITHOGRAPHIC) (27524)		
United States	137.7	108.9
Northeast Region	50.5	42.8
New England Div	14.9	10.4
Massachusetts	11.1	8.6
Rhode Island	AA	(D)
Connecticut	2.2	1.3
Middle Atlantic Div	35.6	32.4
New York	25.6	23.2
New Jersey	1.7	1.9
Pennsylvania	8.3	7.3

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
FINANCIAL AND LEGAL PRINTING (LITHOGRAPHIC) (27524)--Con.		
North Central Region	41.5	30.6
East North Central Div.	31.7	22.9
Ohio	3.2	3.3
Indiana	2.9	(1)
Illinois	19.3	13.6
Michigan	4.5	3.5
Wisconsin	1.8	1.5
West North Central Div.	9.8	7.7
Iowa	2.0	(D)
Missouri	2.9	2.1
Kansas	3.8	2.3
South Region	26.7	21.2
South Atlantic Div.	11.1	10.9
Maryland	4.0	3.5
Georgia	1.9	(D)
Florida	2.0	3.0
East South Central Div.	6.3	3.6
Kentucky	2.9	1.9
Tennessee	1.8	(D)
Alabama	1.4	(D)
West South Central Div.	9.3	6.7
Texas	8.6	5.3
West Region	19.0	14.3
Mountain Div.	7.2	5.8
Colorado	2.7	2.0
Utah	1.4	1.2
Nevada	AA	(1)
Pacific Div.	11.8	8.5
Washington	1.1	1.9
California	10.0	5.9
ADVERTISING PRINTING (LITHOGRAPHIC) (27525)		
United States	967.6	721.6
Northeast Region	357.7	271.9
New England Div.	47.3	35.7
New Hampshire	1.2	(D)
Massachusetts	27.1	21.9
Rhode Island	2.4	2.9
Connecticut	15.6	9.9
Middle Atlantic Div.	310.4	236.0
New York	212.3	168.7
New Jersey	39.9	23.2
Pennsylvania	58.3	44.1
North Central Region	401.3	314.4
East North Central Div.	308.3	254.5
Ohio	67.7	51.7
Indiana	19.9	13.1
Illinois	134.4	115.7
Michigan	47.7	39.9
Wisconsin	38.6	34.1
West North Central Div.	93.0	59.9
Minnesota	41.2	20.7
Iowa	5.0	4.4
Missouri	33.1	27.7
Nebraska	3.8	2.5
Kansas	8.7	4.0
ADVERTISING PRINTING (LITHOGRAPHIC) (27525)--Con.		
South Region	103.3	63.9
South Atlantic Div.	59.0	36.0
Delaware	1.4	1.8
Maryland	9.6	7.0
District of Columbia	10.6	4.8
Virginia	6.2	7.4
North Carolina	4.2	1.9
Georgia	16.8	5.3
Florida	9.0	7.1
East South Central Div.	16.7	9.9
Kentucky	6.2	3.9
Tennessee	9.2	5.3
Alabama	1.1	(D)
West South Central Div.	27.6	18.0
Arkansas	2.0	(D)
Louisiana	3.3	(D)
Oklahoma	1.9	2.0
Texas	20.4	14.3
West Region	105.3	71.4
Mountain Div.	7.2	5.5
Colorado	3.7	1.8
Arizona	1.5	1.9
Utah	1.0	1.0
Pacific Div.	98.1	65.9
Washington	6.5	3.9
Oregon	7.8	4.2
California	83.3	56.8
OTHER GENERAL JOB PRINTING (LITHOGRAPHIC) (27526)		
United States	705.6	517.7
Northeast Region	172.8	147.0
New England Div.	28.4	32.9
Massachusetts	11.9	15.6
Rhode Island	1.6	4.1
Connecticut	13.5	11.5
Middle Atlantic Div.	144.4	114.1
New York	71.3	70.5
New Jersey	45.3	16.7
Pennsylvania	27.7	26.9
North Central Region	264.3	199.4
East North Central Div.	174.4	148.1
Ohio	47.0	44.6
Indiana	8.0	10.3
Illinois	68.0	65.5
Michigan	18.1	16.4
Wisconsin	33.2	11.4
West North Central Div.	89.9	51.3
Minnesota	26.0	23.9
Iowa	3.6	2.8
Missouri	45.1	18.0
Nebraska	EE	2.8
Kansas	4.1	3.0
South Region	173.9	113.4
South Atlantic Div.	108.4	69.7
Delaware	2.0	1.9
Maryland	46.9	10.0
District of Columbia	10.3	7.1
Virginia	6.2	6.5
North Carolina	3.5	4.3
South Carolina	1.3	1.1
Georgia	12.3	6.9
Florida	25.5	29.2
OTHER GENERAL JOB PRINTING (LITHOGRAPHIC) (27526)--Con.		
South Region--Con.		
East South Central Div.	41.2	18.4
Kentucky	BB	2.9
Tennessee	3.6	9.2
Alabama	FF	5.2
West South Central Div.	24.3	25.2
Louisiana	2.3	4.7
Oklahoma	5.5	3.2
Texas	15.5	15.8
West Region	94.6	57.9
Mountain Div.	7.9	11.0
Colorado	3.2	5.0
Arizona	1.3	1.9
Utah	1.4	1.3
Pacific Div.	86.7	46.9
Washington	4.0	5.5
Oregon	2.2	2.8
California	79.3	36.8
Hawaii	AA	1.6
LITHOGRAPHIC PLATES MADE FOR OTHERS (27527)		
United States	151.2	129.5
Northeast Region	41.9	41.2
New England Div.	7.4	6.2
Massachusetts	4.2	2.8
Connecticut	BB	(D)
Middle Atlantic Div.	34.5	35.0
New York	21.3	23.5
New Jersey	9.0	6.6
Pennsylvania	4.2	4.9
North Central Region	62.2	56.2
East North Central Div.	43.0	38.3
Ohio	11.3	8.7
Indiana	1.2	1.0
Illinois	20.3	18.0
Michigan	4.1	4.3
Wisconsin	6.1	6.3
West North Central Div.	19.1	17.9
Minnesota	10.3	13.4
Missouri	8.0	3.8
South Region	38.9	23.8
South Atlantic Div.	34.9	21.0
Maryland	2.2	2.3
District of Columbia	AA	1.5
Virginia	BB	(1)
West Virginia	FF	(1)
East South Central Div.	2.3	1.8
Tennessee	1.4	(D)
West South Central Div.	1.7	1.0
West Region	8.2	8.3
Pacific Div.	8.1	(D)
California	7.2	7.1

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
ENGRAVING AND PLATE PRINTING (EXCEPT PHOTO-ENGRAVING (27530)		
United States	151.3	111.2
Northeast Region	66.8	53.6
New England Div	12.9	10.3
Massachusetts	8.2	6.0
Rhode Island	1.3	(1)
Connecticut	3.3	2.6
Middle Atlantic Div	53.9	43.3
New York	35.5	30.0
New Jersey	9.2	6.9
Pennsylvania	9.2	6.3
North Central Region	33.6	23.6
East North Central Div	24.0	18.8
Ohio	4.5	3.2
Indiana	1.9	1.1
Illinois	12.5	10.2
Michigan	3.5	3.0
Wisconsin	1.6	1.3
West North Central Div	9.6	4.8
Minnesota	3.8	2.5
Missouri	3.3	2.0
Kansas	AA	(D)
South Region	32.4	21.5
South Atlantic Div	13.6	10.2
Maryland	1.6	1.8
District of Columbia	1.6	1.2
North Carolina	3.6	1.1
South Carolina	1.1	2.3
Georgia	2.3	(1)
Florida	2.4	1.3
East South Central Div	10.3	7.1
Kentucky	3.7	(1)
Tennessee	3.5	2.5
Alabama	BB	(1)
West South Central Div	8.4	4.2
Texas	5.8	3.9
West Region	18.5	12.5
Mountain Div	1.8	1.5
Colorado	1.6	1.3
Pacific Div	16.7	11.0
California	15.2	10.2
CONTINUOUS BUSINESS FORMS (27611)		
United States	480.2	291.1
Northeast Region	149.2	87.8
New England Div	35.0	20.7
New Hampshire	BB	(1)
Vermont	EE	(1)
Massachusetts	7.4	5.2
Connecticut	12.2	8.9
Middle Atlantic Div	114.2	67.1
New York	44.0	36.2
New Jersey	10.4	11.0
Pennsylvania	59.8	19.9
CONTINUOUS BUSINESS FORMS (27611)--Con.		
North Central Region	166.4	115.5
East North Central Div	143.6	103.2
Ohio	53.0	43.1
Indiana	EE	11.2
Illinois	54.4	41.1
Michigan	12.2	(1)
Wisconsin	CC	(D)
West North Central Div	22.8	12.3
Minnesota	3.2	1.4
Iowa	11.3	(1)
Missouri	4.1	4.1
Nebraska	2.3	(D)
Kansas	AA	(D)
South Region	89.2	45.1
South Atlantic Div	42.3	15.7
Maryland	EE	(1)
District of Columbia	BB	(D)
Virginia	4.7	1.1
West Virginia	CC	(D)
North Carolina	3.2	(D)
South Carolina	BB	(D)
Georgia	2.8	(D)
Florida	BB	2.4
East South Central Div	CC	8.1
Alabama	CC	(1)
West South Central Div	FF	21.3
Arkansas	CC	(1)
Louisiana	AA	(D)
Oklahoma	AA	(D)
Texas	28.6	(1)
West Region	75.4	42.7
Mountain Div	2.8	1.3
Colorado	AA	(D)
Pacific Div	72.6	41.4
Washington	BB	(1)
California	69.0	39.6
UNIT SET FORMS (27612)		
United States	347.4	257.9
Northeast Region	70.5	60.2
New England Div	16.3	12.1
New Hampshire	AA	(1)
Massachusetts	5.1	(1)
Connecticut	8.4	5.6
Middle Atlantic Div	54.2	48.1
New York	28.9	26.7
New Jersey	5.0	6.1
Pennsylvania	20.3	15.3
North Central Region	131.2	92.8
East North Central Div	108.2	76.2
Ohio	39.0	29.1
Indiana	15.6	8.1
Illinois	36.9	27.2
Michigan	5.9	5.8
Wisconsin	10.8	6.1
UNIT SET FORMS (27612)--Con.		
North Central Region--Con.		
West North Central Div	23.0	16.6
Minnesota	5.1	2.8
Iowa	2.2	2.1
Missouri	6.5	6.5
Nebraska	3.5	(1)
Kansas	5.7	3.6
South Region	86.4	58.3
South Atlantic Div	49.1	29.5
Maryland	EE	(1)
District of Columbia	AA	(1)
Virginia	4.4	3.6
West Virginia	CC	(D)
North Carolina	7.8	5.1
South Carolina	AA	(D)
Georgia	3.0	1.6
Florida	5.4	3.3
East South Central Div	9.6	6.9
Tennessee	BB	2.8
Alabama	5.3	3.3
West South Central Div	27.7	21.9
Arkansas	5.4	4.2
Louisiana	1.4	(1)
Oklahoma	2.8	1.5
Texas	18.1	15.7
West Region	59.4	46.6
Mountain Div	4.6	3.3
Colorado	1.5	1.7
Arizona	1.4	1.2
Utah	1.0	(D)
Pacific Div	54.8	43.3
Washington	2.4	1.8
Oregon	11.5	8.2
California	40.7	33.0
SALES, OTHER MANIFOLD BOOKS, EXCEPT FOOD CHECKS (27613)		
United States	44.2	39.6
Northeast Region	9.3	8.4
New England Div	1.4	1.3
Massachusetts	1.4	(D)
Middle Atlantic Div	7.9	7.1
New York	CC	(1)
Pennsylvania	AA	(1)
North Central Region	15.2	13.3
East North Central Div	9.2	10.1
Ohio	CC	6.2
Illinois	1.9	(1)
Michigan	BB	(1)
West North Central Div	6.0	3.2
Missouri	AA	(1)
Nebraska	BB	(D)
Kansas	BB	(1)
South Region	13.2	8.7
South Atlantic Div	5.3	(D)
Maryland	BB	(1)
Virginia	AA	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1967	1963		1967	1963		1967	1963
SALES, OTHER MANIFOLD BOOKS, EXCEPT FOOD CHECKS (27613)--Con.			SALES, OTHER MANIFOLD BOOKS, EXCEPT FOOD CHECKS (27613)--Con.			SALES, OTHER MANIFOLD BOOKS, EXCEPT FOOD CHECKS (27613)--Con.		
South Region--Con.			South Region--Con.			West Region	6.5	9.2
East South Central Div	BB	(D)	West South Central Div	BB	(D)	Pacific Div	(D)	(D)
Kentucky	BB	(1)	Texas	BB	(1)	California	6.1	8.9

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6C. Product Classes- Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2751-	Commercial printing, except lithographic	3,265.0	3,181.1	2,957.7	2,862.6	2,711.4	2,428.3	1,905.8	1,455.6
27511	Magazine and periodical printing (letterpress)	512.7	620.8	586.3	641.9	574.0	426.3	362.0	181.5
27512	Labels and wrappers printing (letterpress)	390.2	329.1	307.1	281.2	296.9	263.1	125.8	109.1
27513	Catalogs and directories printing (letterpress)	171.3	163.6	155.9	147.3	148.7	139.9	106.0	65.9
27514	Financial and legal printing (letterpress)	152.9	145.3	124.3	108.1	111.3	76.8	(2)	(2)
27515	Advertising printing (letterpress)	345.7	333.8	303.3	292.6	276.4	348.7	(2)	(2)
27516	Other general job printing (letterpress)	527.7	809.9	769.6	761.2	717.0	643.2	(2)	(2)
27517	Publication printing (gravure)	216.3	218.6	191.6	183.7	158.9	126.1	104.3	41.5
27518	Other gravure printing	214.1	176.1	156.2	154.8	145.9	119.3	45.9	12.9
27519	Screen process printing, except textiles	93.3	111.3	91.5	(77.1)	69.2	53.2	(NA)	(NA)
27510	Commercial printing, except lithographic, n.s.k.	640.8	272.6	271.8	214.8	213.1	231.6	110.6	(NA)
2752-	Commercial printing, lithographic	3,132.9	2,702.1	2,448.0	2,125.0	2,025.2	1,366.2	853.6	443.7
27521	Magazines and periodical printing (lithographic)	296.1	209.9	183.4	133.6	138.6	66.2	34.2	8.8
27522	Labels and wrappers printing (lithographic)	186.9	187.8	173.4	163.1	147.3	123.4	98.0	72.9
27523	Catalogs and directories printing (lithographic)	267.7	233.4	209.4	160.5	165.3	75.6	50.5	12.8
27524	Financial and legal printing (lithographic)	137.7	121.5	110.6	108.0	108.9	50.0	(3)	(3)
27525	Advertising printing (lithographic)	967.6	918.9	845.3	814.9	721.6	577.3	(3)	(3)
27526	Other general job printing (lithographic)	705.6	746.9	663.8	515.3	517.7	372.5	(3)	(3)
27527	Lithographic plates made for others	151.2	203.4	170.1	144.3	129.5	68.0	41.0	16.7
27520	Commercial printing, lithographic, n.s.k.	420.1	(80.4)	92.0	(85.3)	96.3	33.2	104.1	(NA)
27530	Engraving and plate printing (except photoengraving)	151.3	192.3	182.0	124.6	111.2	93.7	70.4	51.7
2761-	Manifold business forms	895.8	793.7	700.2	631.9	598.4	374.0	(4)	(4)
27611	Continuous business forms	480.2	406.9	356.6	320.4	291.1	169.2	(4)	(4)
27612	Unit set forms	347.4	324.1	285.0	261.7	258.0	159.6	(4)	(4)
27613	Sales and other manifold books, except food and beverage checks	44.2	(61.3)	(58.2)	40.2	39.6	45.2	(4)	(4)
27610	Manifold business forms, n.s.k.	24.0	(1.5)	(.4)	(9.6)	9.8	(X)	(4)	(X)

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

[2]In 1954 and 1947 products of product classes 27514, Financial and legal printing (letterpress), 27515, Advertising printing (letterpress), were included with product class 27516, Other general job printing (letterpress).

[3]In 1954 and 1947 products of product classes 27524, Financial and legal printing, 27525 Advertising printing, were included in product class 27526, Other commercial printing.

[4]Data for 1954 and 1947 are not available because "other (than manifold) business forms" were included with manifold business forms, therefore comparable data is not available.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967 Quantity	1967 Delivered cost (million dollars)	1963 Quantity	1963 Delivered cost (million dollars)
	INDUSTRY 2751.--COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC					
	Materials, parts, and supplies, total	.....	(X)	1,102.5	(X)	912.4
262112	Newsprint	.....	(X)	76.6	(X)	68.0
262131	Coated papers	.....	(X)	144.6	(X)	354.9
262101	All other paper	.....	(X)	211.5		
263105	Paperboard (excluding that used for shipping)	.....	(X)	11.4	(X)	14.9
	Printing inks:					
289303	Letterpress, including news	Million lbs.....	91.4	46.1	160.1	64.9
289304	Lithographic	...do.....	4.2	6.6		
289309	Other including gravure, flexographic, and screen process	...do.....	136.5	31.5		
386151	Unexposed lithographic plates and metal for lithographic plates	...do.....	(X)	4.9	(X)	(NA)
386101	Light sensitive films and papers	.....	(X)	6.6	(X)	(NA)
386181	Photographic developers and chemicals used in plate preparation	.....	(X)	2.9	(X)	(NA)
976000	Materials, n.s.k.[1]	.....	(X)	278.1	(X)	235.5
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc	.....	(X)	281.7	(X)	174.2
	INDUSTRY 2752.--COMMERCIAL PRINTING, LITHOGRAPHIC					
	Materials, parts, and supplies, total	.....	(X)	1,009.8	(X)	673.7
262112	Newsprint	.....	(NA)	37.0	(NA)	14.7
262131	Coated papers	.....	(NA)	191.9	(NA)	(NA)
262101	All other paper	.....	(NA)	269.3	(NA)	350.9
263105	Paperboard (excluding that used for shipping)	.....	(NA)	10.2	(NA)	8.2
	Printing inks:					
289303	Letterpress, including news	Million lbs.....	(S)	16.9	22.5	31.5
289304	Lithographic	...do.....	22.7	36.2		
289309	Other, including gravure, flexographic, and screen process	...do.....	(S)	2.0		
386151	Unexposed lithographic plates and metal for lithographic plates	.....	(X)	30.1	(NA)	(NA)
386101	Light sensitive films and papers	.....	(X)	18.9	(NA)	(NA)
386181	Photographic developers and chemicals used in plate preparation	.....	(X)	9.5	(NA)	(NA)
395500	One-time carbon paper; purchased or withdrawn from previous year's inventory by the printer	...do.....	5.4	3.7	3.6	2.7
262163	Carbonless paper	...do.....	5.8	3.8	(NA)	(NA)
395500	One-time carbon paper, produced and consumed in this industry	...do.....	2.4	(X)	(S)	(X)
976000	Materials, n.s.k.[1]	.....	(NA)	186.1	(NA)	119.9
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc	.....	(X)	194.2	(X)	145.8

	Material	1967 Quantity (million pounds)	1967 Delivered cost (million dollars)	1963 Quantity (million pounds)	1963 Delivered cost (million dollars)
	INDUSTRY 2753.--ENGRAVING AND PLATE PRINTING				
	Materials, parts, and supplies, total	(X)	32.3	(X)	25.4
262101	Paper, all types	(X)	10.9	(NA)	9.6
263105	Paperboard (excluding that used for shipping)	(X)	(S)	(NA)	(S)
	Printing inks	(S)	(S)	0.6	0.5
976000	Materials, n.s.k.[1]	(X)	11.3	(X)	10.0
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc	(X)	10.1	(X)	5.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2761.--MANIFOLD BUSINESS FORMS					
	Materials, containers, and supplies, total	.....	(X)	348.9	(X)	232.9
262112	Newsprint	.....	(NA)	5.2	(NA)	4.1
262131	Coated papers	.....	(NA)	16.8	(NA)	(NA)
262101	All other paper	.....	(NA)	184.5	(NA)	140.7
263105	Paperboard	.....	(NA)	1.0	(NA)	2.0
289301	Printing inks	.....	(S)	4.4	4.1	3.5
262164	Carbonizing tissue stock for conversion by the printer into one-time carbon paper	1,000 short tons.	74.4	31.0	46.4	21.1
395500	One-time carbon paper, purchased or withdrawn from previous year's inventory by the printer	...do.....	62.0	35.9	36.6	23.0
262163	Carbonless paper	...do.....	21.7	14.3	(NA)	(NA)
	Consumption of one-time carbon paper and printing inks produced and consumed in this industry:					
395500	One-time carbon paper, produced and consumed in this industry	...do.....	66.7	(X)	41.6	(X)
289301	Printing inks, complete formulations	Million lbs.....	(S)	(X)	1.3	(X)
976000	Materials, n.s.k.[1]	.....	(X)	8.5	(X)	10.2
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc	.....	(X)	47.1	(X)	30.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Printing, except lithographic (SIC 2751)	Printing, lithographic (SIC 2752)
	Cost of purchased fuels and electric energy, total	Million dollars.	27.0	23.2
	Cost of purchased fuels, total	Million dollars.	8.9	6.6
121005	Coal (anthracite, bituminous, and lignite):			
	Quantity	1,000 short tons	10.4	15.6
	Cost	Million dollars.	.1	.1
	Fuel oil, total:			
	Quantity	1,000 barrels...	494.0	211.9
	Cost	Million dollars.	1.7	.8
291141	Distillate:			
	Quantity	1,000 barrels...	211.1	111.9
	Cost	Million dollars.	.9	.5
291151	Residual:			
	Quantity	1,000 barrels...	282.9	100.0
	Cost	Million dollars.	.8	.3
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):			
	Quantity	Million cu. ft..	6,674.5	3,457.3
	Cost	Million dollars.	3.8	2.5
960011	Other fuels (gasoline, LPG, wood, etc.)	...do.....	.7	.5
975000 976000	Fuels, n.s.k	...do.....	2.6	2.7
	Purchased electric energy:			
960012	Quantity	Million kw.-hrs.	1,436.5	922.2
	Cost	Million dollars.	18.1	16.6
	Quantity of electric energy generated less quantity sold	Million kw.-hrs.	.9	4.6
	Total energy used for heat and power[1]	Million kw.-hrs. equivalent.....	5,610.1	3,657.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Represents the quantity of purchased electric energy and the kilowatt-hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new
			Number	Payroll	Number	Man-hours	Wages				
		(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2751	COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC										
	ENTIRE INDUSTRY	12 098	175.1	1 186.0	142.3	273.2	880.1	1 947.9	1 322.9	3 255.5	142.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	11 306	132.2	879.0	109.8	209.1	663.4	1 457.1	980.7	2 427.7	93.6
27511	MAGAZINE AND PERIODICAL PRINTING (LETTERPRESS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	224	40.7	304.6	34.6	68.7	253.4	451.9	257.4	707.2	31.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	89	16.1	112.5	14.0	27.7	97.2	156.5	90.9	247.2	5.4
27512	LABELS AND WRAPPERS PRINTING (LETTERPRESS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	298	14.2	101.2	10.1	20.5	62.4	183.0	187.0	366.7	13.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	198	8.6	59.5	6.2	12.5	36.6	105.3	96.7	200.4	8.8
27513	CATALOGS AND DIRECTORIES PRINTING (LETTERPRESS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	56	4.0	29.8	3.4	6.1	23.0	45.6	33.1	78.4	1.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	17	.8	6.2	.7	1.5	5.1	9.5	8.1	17.4	.2
27514	FINANCIAL AND LEGAL PRINTING (LETTERPRESS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	175	8.4	58.9	6.7	13.0	42.2	101.0	43.6	142.8	6.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	91	3.9	29.3	3.2	6.5	21.7	51.2	19.5	69.6	1.4
27515	ADVERTISING PRINTING (LETTERPRESS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	572	16.5	115.5	11.1	21.8	70.9	183.6	137.9	319.0	13.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	291	8.6	59.2	5.6	10.8	34.7	84.5	64.2	146.6	6.7
27516	OTHER GENERAL JOB PRINTING (LETTERPRESS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	966	26.7	171.3	20.1	39.1	117.9	281.6	169.2	448.9	18.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	537	14.5	90.3	11.3	21.7	64.0	152.9	94.0	246.1	7.4
27517	PUBLICATION PRINTING (GRAVURE)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	20	10.2	89.7	9.1	17.5	79.7	133.2	96.2	228.4	11.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	15	6.9	60.6	6.2	11.6	53.4	89.5	72.7	161.8	8.4
27518	OTHER GRAVURE PRINTING										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	75	7.6	61.2	5.9	12.0	44.5	109.4	94.9	204.9	10.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	54	4.4	34.3	3.5	7.1	24.5	69.4	64.7	135.0	6.4
27519	SCREEN PROCESS PRINTING, EXCEPT TEXTILES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	217	6.0	37.3	4.6	9.1	23.6	61.6	31.8	92.4	2.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	199	4.9	29.5	3.9	7.8	19.5	50.2	27.0	76.6	2.3
2752	COMMERCIAL PRINTING, LITHOGRAPHIC										
	ENTIRE INDUSTRY	6 822	146.5	1 113.2	112.2	223.3	766.5	1 897.7	1 242.4	3 139.4	125.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	5 810	92.9	711.5	73.0	144.7	496.0	1 233.3	841.2	2 073.1	81.6
27521	MAGAZINE AND PERIODICAL PRINTING (LITHOGRAPHIC)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	163	13.8	103.1	10.8	22.4	76.8	164.7	129.3	293.3	20.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	48	3.4	23.0	2.8	5.9	19.1	39.9	28.4	68.2	3.6
27522	LABELS AND WRAPPERS PRINTING (LITHOGRAPHIC)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	141	9.3	69.5	7.4	14.2	52.3	126.1	87.2	214.3	7.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	59	3.2	24.0	2.6	4.8	18.4	45.7	29.7	75.5	2.3
27523	CATALOGS AND DIRECTORIES PRINTING (LITHOGRAPHIC)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	130	9.8	73.3	7.7	15.3	52.4	112.4	79.4	191.7	7.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	28	1.4	8.0	1.1	2.1	5.9	12.6	8.4	21.3	.6
27524	FINANCIAL AND LEGAL PRINTING (LITHOGRAPHIC)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	124	6.4	49.0	4.6	9.4	32.4	85.0	47.4	131.9	4.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	37	1.6	10.5	1.2	2.3	7.3	18.3	11.5	29.8	1.4
27525	ADVERTISING PRINTING (LITHOGRAPHIC)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	1 339	51.8	431.1	38.9	77.7	290.7	711.5	496.0	1 206.5	47.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	550	17.3	150.3	13.0	25.8	99.0	259.2	186.2	444.0	17.6
27526	OTHER GENERAL JOB PRINTING (LITHOGRAPHIC)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	668	27.0	186.6	19.2	37.8	119.7	322.2	194.9	517.4	17.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	262	8.4	57.6	6.6	13.0	41.1	101.2	89.0	190.4	7.0
27527	LITHOGRAPHIC PLATES MADE FOR OTHERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	188	5.8	53.2	4.2	8.5	37.3	106.3	42.3	148.9	5.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	161	4.3	41.0	3.2	6.6	29.4	87.2	32.6	120.1	4.5
2753	ENGRAVING AND PLATE PRINTING										
	ENTIRE INDUSTRY	577	9.0	58.7	7.3	14.6	42.7	98.8	39.7	137.9	3.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	548	7.9	50.9	6.4	12.7	37.1	85.7	33.7	118.9	2.9

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2761	MANIFOLD BUSINESS FORMS										
	ENTIRE INDUSTRY	542	34.4	240.2	25.3	51.4	158.9	550.5	384.6	932.3	39.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	448	26.8	184.4	20.1	41.0	126.2	447.2	319.2	762.9	33.3
27611	CONTINUOUS BUSINESS FORMS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	159	17.8	125.7	13.1	26.6	86.5	318.4	236.3	552.0	23.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	93	8.8	62.0	6.5	13.1	42.8	174.5	137.1	309.9	14.4
27612	UNIT SET FORMS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	208	13.3	93.8	9.4	19.2	57.1	191.0	120.6	311.6	12.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	115	5.1	31.3	3.9	7.9	21.4	76.4	50.8	127.0	6.4
27613	SALES, OTHER MANIFOLD BOOKS, EXC. FOOD CHECKS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	23	2.1	12.8	1.7	3.5	9.9	26.6	17.9	44.5	.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	15	.5	2.7	.4	.8	1.9	5.3	3.9	9.2	.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

GREETING CARDS; BOOKBINDING; AND PRINTING TRADE SERVICES

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2771--Greeting Card Publishing
2782--Blankbooks, Looseleaf Binders, and Devices
2789--Bookbinding and Related Work
2791--Typesetting
2793--Photoengraving
2794--Electrotyping and Stereotyping

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (table 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2771--GREETING CARD PUBLISHING

This industry comprises establishments primarily engaged in the designing, publishing, and printing by any process of greeting cards for all occasions. For a detailed list of products of industry 2771, refer to table 6A, product codes 27711 11 to27712 51.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Greeting Card Publishing Industry in 1967 totaled $517.9 million. This included receipts from greeting card publishing and printing (primary products), valued at $412.4 million, shipments of other products (secondary products) valued at $63.6 million, and miscellaneous receipts (mainly resales) of $41.9 million.

This industry's receipts from greeting card publishing and printing (primary products) in 1967 represented 87 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 92 percent. Secondary products shipped by this industry in 1967 consisted mainly of converted paper products, n.e.c. ($31.4 million), and sanitary food containers ($10-$20 million).

Industry 2771 receipts from greeting card publishing and printing (primary products) in 1967 represented 93 percent (coverage ratio) of these receipts valued at $441.4 million reported by all industries. In 1963, the coverage ratio was 96 percent. Other industries reporting greeting cards (primary products) consisted mainly of industry 2752, Com-

mercial Printing, Lithographic, $15.5 million; industry 2649, Converted Paper Products, N.E.C., $6.9 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2771, these establishments accounted for 0.7 percent of payroll and 0.7 percent of value added by manufacture.

2782--BLANKBOOKS, LOOSELEAF BINDERS AND DEVICES

This industry comprises establishments primarily engaged in manufacturing blankbooks, looseleaf devices, and library binders, and in ruling paper. For a detailed list of products of industry 2782, refer to table 6A, product codes 27821 11 to 27822 71.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Blankbooks and Looseleaf Binders Industry in 1967 totaled $381.3 million. This included shipments of blankbooks and looseleaf binders (primary products), valued at $319.4 million, shipments of other products (secondary products) valued at $51.7 million, and miscellaneous receipts (mainly resales) of $10.2 million.

This industry's shipments of blankbooks and looseleaf binders (primary products) in 1967 represented 86 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 88 percent. Secondary products shipped by this industry in 1967 consisted mainly of converted paper products, n.e.c., ($22.4 million), commercial printing, except lithographic ($5.8 million).

Industry 2782 shipments of blankbooks and looseleaf binders (primary products) in 1967 represented 88 percent (coverage ratio) of these products valued at $362.3 million shipped by all industries. In 1963, the coverage ratio was 88 percent. Other industries shipping blankbooks and looseleaf binders (primary products) consisted mainly of industry 2649, Converted Paper Products, N.E.C., $16.9 million; industry 2752, Commercial Printing, Lithographic, $9.6 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2782, these establishments accounted for 1.5 percent of payroll and 1.6 percent of value added by manufacture.

2789--BOOKBINDING AND RELATED WORK

This industry comprises establishments primarily engaged in edition, trade, job, and library bookbinding; in book or paper bronzing, gilding, and edging; in map and sample mounting; and other services related to bookbinding. Establishments primarily engaged in binding books printed elsewhere are classified in this industry but those primarily binding books printed in the same establishments are classified in Group 273, Books. For a detailed list of products of industry 2789, refer to table 6A, product codes 27891 13 to 27892 91.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Bookbinding and Related Work Industry in 1967 totaled $340.6 million. This included receipts from bookbinding and related work (primary products), valued at $301.1 million, shipments of other products (secondary products) valued at $17.7 million, and miscellaneous receipts (mainly contract work on materials owned by others) of $21.8 million.

This industry's receipts from bookbinding and related work (primary products) in 1967 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 95 percent. Secondary products shipped by this industry in 1967 consisted mainly of blankbooks and looseleaf binders ($8.2 million), and book publishing ($2.9 million).

Industry 2789 receipts from bookbinding and related work (primary products) in 1967 represented 89 percent (coverage ratio) of these receipts valued at $337.5 million reported by all industries. In 1963, the coverage ratio was 83 percent. Other industries reporting bookbinding and related work (primary products) consisted mainly of industry 2732, Book Printing, $13.0 million; Industry 2731, Book Publishing, $9.2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2789, these establishments accounted for 3.4 percent of payroll and 4.5 percent of value added by manufacture.

2791--TYPESETTING

This industry comprises establishments primarily engaged in typesetting for the trade, including advertisement typesetting. For a detailed list of products of industry 2791, refer to table 6A, product codes 27910 11 to 27910 15.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Typesetting Industry in 1967 totaled $356.7 million. This included receipts from typesetting (primary products), valued at $333.9 million, shipments of other products (secondary products) valued at $16.1 million, and miscellaneous receipts (mainly resales) of $6.7 million

This industry's receipts from typesetting (primary products) in 1967 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 95 percent. Secondary products shipped by this industry in 1967 consisted mainly of commercial printing, lithographic ($5.0 million) electrotyping and stereotyping ($3.2 million).

Industry 2791 receipts from typesetting (primary products) in 1967 represented 92 percent (coverage ratio) of these receipts valued at $362.1 million reported by all industries. In 1963, the coverage ratio was 90 percent. Other industries reporting typesetting (primary products) consisted mainly of industry 2732, Book Printing, $10.5 million; industry 2752, Commercial Printing, Lithographic, $8.2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2791, these establishments accounted for 3.8 percent of payroll and 5.4 percent of value added by manufacture.

2793--PHOTOENGRAVING

This industry comprises establishments primarily engaged in preparing photoengraving plates (halftones and line-cuts). These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Photoengraving Industry in 1967 totaled $234.3 million. This included receipts from photoengraving (primary products), valued at $214.6 million, shipments of other products (secondary products) valued at $14.3 million, and miscellaneous receipts (mainly resales) of $5.4 million.

This industry's receipts from photoengraving (primary products) in 1967 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 95 percent. Secondary products shipped by this industry in 1967 consisted mainly of commercial printing, lithographic ($5.3 million) electrotyping and stereotyping ($2.6 million).

Industry 2793 receipts from photoengraving (primary products) in 1967 represented 91 percent (coverage ratio) of these receipts valued at $237.1 million reported by all industries. In 1963, the coverage ratio was 91 percent. Other industries reporting photoengraving (primary products) consisted mainly of industry 2711, Newspapers, $7.5 million; industry 2751, Commercial Printing, Except Lithographic, $6.9 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2793, these establishments accounted for 2.8 percent of payroll and 4.0 percent of value added by manufacture.

2794--ELECTROTYPING AND STEREOTYPING

This industry comprises establishments primarily engaged in preparing electrotype and stereotype plates. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others. For a detailed list of products of industry 2794, refer to table 6A, product codes 27940 11 to 27940 51.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Electrotyping and Stereotyping Industry in 1967 totaled $62.1 million. This included receipts from electrotyping and stereotyping (primary products), valued at $52.1 million, shipments of other products (secondary products) valued at $6.6 million, and miscellaneous receipts (mainly resales) of $3.4 million.

This industry's receipts from electrotyping and stereotyping (primary products) in 1967 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 87 percent. Secondary products shipped by this industry in 1967 consisted mainly of engraving and plate printing ($2-$5 million).

Industry 2794 receipts from electrotyping and stereotyping (primary products) in 1967 represented 85 percent (coverage ratio) of these receipts valued at $61.4 million

reported by all industries. In 1963, the coverage ratio was 86 percent. Other industries reporting electrotyping and stereotyping (primary products) consisted mainly of industry 2791, Typesetting,$3.2 million; industry 2793, Photoengraving,$2.6 million

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For 2794, these establishments accounted for 1.0 percent of payroll and 1.5 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2771.--GREETING CARD PUBLISHING														
1967 Census....	222	92	27.6	150.6	16.4	31.3	75.0	372.3	171.9	517.9	14.9	147.8	87	93
1966 ASM[1].....	(NA)	(NA)	27.2	154.9	15.5	32.3	69.9	296.5	177.0	460.1	*25.7	112.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	24.7	132.2	14.3	28.7	59.9	255.2	159.7	407.4	*11.4	92.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	22.6	115.1	13.5	26.5	57.2	247.2	141.5	385.7	*13.6	83.1	(NA)	(NA)
1963 Census....	257	93	21.5	105.6	13.4	26.2	53.9	204.6	138.3	346.0	6.8	75.2	92	96
1962 ASM[1].....	(NA)	(NA)	23.7	112.1	15.4	29.7	59.2	192.4	147.0	331.7	*5.6	74.1	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	23.2	107.0	14.6	29.4	55.5	187.7	136.2	321.3	*8.9	71.5	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	23.0	101.5	14.2	27.7	52.9	196.5	128.9	319.6	6.3	72.2	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	22.7	98.9	15.1	28.7	54.3	194.0	123.2	308.3	*7.6	65.6	(NA)	(NA)
1958 Census[2]...	282	100	21.8	89.4	14.8	28.3	50.6	178.6	117.2	291.5	5.2	53.2	94	93
INDUSTRY 2782.--BLANKBOOKS AND LOOSELEAF BINDERS														
1967 Census....	444	193	23.2	130.3	19.4	38.4	94.5	245.4	138.0	381.3	11.6	52.7	86	88
1966 ASM[1].....	(NA)	(NA)	21.4	116.2	17.7	34.8	83.3	220.4	127.3	344.2	9.6	49.3	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	19.7	104.1	16.1	31.9	74.4	190.2	113.7	302.7	7.3	44.2	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	19.5	101.6	15.4	32.2	69.5	178.9	116.0	297.2	*7.5	42.7	(NA)	(NA)
1963 Census....	410	158	17.9	91.2	14.4	28.7	64.4	168.5	101.4	268.2	6.1	39.9	88	88
1962 ASM[1].....	(NA)	(NA)	22.7	105.4	17.8	35.3	68.5	190.5	122.3	310.7	*7.4	41.0	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	20.9	97.1	16.4	32.4	61.8	169.5	111.3	280.4	*6.5	38.5	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	19.8	91.7	15.2	31.3	60.3	159.1	104.2	261.5	(S)	37.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	19.4	86.9	14.9	30.5	56.6	150.5	98.0	247.7	(S)	33.9	(NA)	(NA)
1958 Census[2]...	434	166	17.9	79.0	13.8	26.8	52.7	132.7	83.3	217.9	6.8	32.8	85	84
INDUSTRY 2789.--BOOKBINDING AND RELATED WORK														
1967 Census....	1,018	334	30.3	163.9	27.2	50.3	131.0	260.6	80.2	340.6	13.5	21.0	94	89
1966 ASM[1].....	(NA)	(NA)	32.6	161.6	28.7	52.8	127.0	253.0	100.8	349.1	11.0	28.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	29.3	142.5	25.5	47.7	112.0	220.7	80.3	299.3	7.0	21.4	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	24.1	118.7	21.7	40.0	94.3	177.8	62.7	238.3	*5.1	16.6	(NA)	(NA)
1963 Census....	1,043	311	24.3	115.0	21.7	40.8	92.9	172.3	57.5	228.5	8.0	14.7	95	83
1962 ASM[1].....	(NA)	(NA)	23.6	104.5	22.3	38.8	82.4	154.3	59.4	211.0	*6.7	11.9	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	23.4	102.0	22.0	39.5	81.1	148.5	58.2	205.0	5.6	10.2	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	24.5	99.6	23.1	40.1	79.4	149.3	58.2	206.4	(S)	11.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	23.8	97.0	22.5	40.1	78.0	142.8	57.0	199.5	(S)	13.1	(NA)	(NA)
1958 Census[2]...	972	294	22.2	87.4	19.5	37.4	69.0	132.7	48.6	182.0	6.6	12.7	94	86
INDUSTRY 2791.--TYPESETTING														
1967 Census....	1,535	365	25.5	208.3	20.9	40.2	164.1	304.3	52.7	356.7	13.2	14.3	95	92
1966 ASM[1].....	(NA)	(NA)	23.8	188.6	19.1	37.3	141.1	267.3	42.3	309.6	14.5	12.9	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	22.1	167.9	17.4	34.1	128.7	231.9	39.9	272.2	*7.3	12.5	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	23.0	162.9	18.6	34.8	132.1	227.3	37.8	261.7	*5.6	13.5	(NA)	(NA)
1963 Census....	1,289	282	21.0	147.3	16.9	33.5	118.7	205.4	36.3	241.0	6.7	10.7	95	90
1962 ASM[1].....	(NA)	(NA)	*16.5	*116.3	*12.7	*28.3	*92.5	*168.8	*27.3	*195.3	*8.4	*8.5	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	16.6	110.7	12.7	27.8	87.6	155.9	21.6	176.7	*4.3	7.9	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	18.7	122.6	14.9	30.8	98.9	163.7	24.9	190.1	(S)	9.6	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	19.1	118.8	15.2	30.8	95.0	162.5	23.4	184.4	(S)	11.0	(NA)	(NA)
1958 Census[2]...	1,188	247	18.0	109.4	14.4	27.3	85.4	155.1	22.5	177.2	7.2	9.7	93	92
INDUSTRY 2793.--PHOTOENGRAVING														
1967 Census....	735	193	13.2	126.2	9.4	17.5	99.8	191.7	43.7	234.3	6.3	8.5	94	91
1966 ASM[1].....	(NA)	(NA)	13.8	120.2	9.7	19.3	87.0	180.8	44.0	225.0	*5.4	4.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	13.9	118.1	9.9	19.5	84.9	172.0	44.8	217.1	*2.6	4.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	13.8	119.3	9.8	19.4	85.4	171.7	42.1	213.4	*1.3	5.4	(NA)	(NA)
1963 Census....	883	218	14.6	119.7	10.3	19.6	86.6	171.8	41.0	212.4	5.7	6.1	95	91
1962 ASM[1].....	(NA)	(NA)	14.7	120.1	9.9	21.4	84.2	151.7	32.7	184.3	*1.6	6.2	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	14.7	116.3	10.0	20.9	81.3	142.8	29.9	175.2	*1.1	6.2	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	17.6	130.2	12.4	23.6	92.9	182.0	36.3	218.2	*3.5	6.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	17.3	126.7	12.2	23.0	91.4	176.7	35.4	212.1	*4.0	6.8	(NA)	(NA)
1958 Census[2]...	914	272	17.3	125.3	12.3	23.0	91.4	172.2	37.1	208.9	7.0	6.8	95	93

See footnotes at end of table.

TABLE 1A. General Statistics: 1958 to 1967—Continued

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 2794.--ELECTROTYPING AND STEREOTYPING													
1967 Census....	133	57	3.6	31.3	2.6	5.0	22.5	47.7	14.3	62.1	0.7	2.2	89	85
1966 ASM[1].....	(NA)	(NA)	5.1	40.5	3.5	6.8	25.2	59.6	21.2	81.2	*0.8	3.6	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	5.1	41.3	3.7	7.2	26.0	57.9	20.8	79.0	*0.7	3.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	4.6	36.9	3.1	6.8	26.3	54.0	20.4	74.0	*0.9	4.5	(NA)	(NA)
1963 Census....	184	80	5.1	39.3	3.8	7.3	28.5	57.2	19.0	76.1	1.0	3.2	87	86
1962 ASM[1].....	(NA)	(NA)	6.2	42.1	4.4	8.6	31.6	56.7	17.9	74.5	*0.7	2.9	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	6.4	44.3	4.7	9.1	32.2	60.1	18.2	78.2	*1.1	2.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	6.4	43.0	4.6	8.9	31.2	59.3	18.6	77.9	(S)	2.9	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	6.6	43.8	4.7	9.2	32.0	59.8	18.9	78.7	(S)	3.3	(NA)	(NA)
1958 Census[2]...	226	111	6.8	44.2	5.0	9.3	31.8	62.7	18.6	81.1	2.2	3.3	92	87

Note: In 1967, 1963, and 1958, the number of companies in industry 2771 was 203, 239, and 265, respectively; in industry 2782: 402, 380, and 407; industry 2789: 1,008, 1,038, and 966; industry 2791: 1,518, 1,271, and 1,181; industry 2793: 732, 872, and 897; industry 2794: 124, 170, and 206. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: (NA) Not available. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. (*) These figures either have associated standard error of estimate exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2771.--GREETING CARD PUBLISHING								
1967 Census	5,453	59	1,907	2.40	.33	.62	13,478	40	11.91
1966 ASM	5,693	57	2,083	2.17	.38	.72	10,897	52	9.19
1965 ASM	5,362	58	2,004	2.09	.39	.72	10,351	52	8.90
1964 ASM	5,094	60	1,971	2.16	.37	.67	10,942	47	9.31
1963 Census	4,904	62	1,961	2.06	.40	.71	9,501	52	7.81
1962 ASM	4,719	65	1,926	2.00	.44	.78	8,102	58	6.48
1961 ASM	4,620	63	2,016	1.89	.42	.76	8,103	57	6.38
1960 ASM	4,407	61	1,958	1.91	.40	.72	8,529	52	7.09
1959 ASM	4,365	67	1,907	1.89	.40	.72	8,561	51	6.75
1958 Census	4,105	68	1,912	1.79	.40	.71	8,200	50	6.31
	INDUSTRY 2782.--BLANKBOOKS AND LOOSELEAF BINDERS								
1967 Census	5,610	83	1,982	2.46	.36	.70	10,565	53	6.39
1966 ASM	5,432	83	1,969	2.39	.37	.71	10,296	53	6.34
1965 ASM	5,286	82	1,980	2.33	.38	.72	9,655	55	5.96
1964 ASM	5,206	79	2,087	2.16	.39	.73	9,165	57	5.55
1963 Census	5,095	81	1,992	2.24	.38	.72	9,412	54	5.87
1962 ASM	4,634	78	1,983	1.94	.39	.73	8,375	55	5.40
1961 ASM	4,639	78	1,981	1.90	.40	.74	8,098	57	5.23
1960 ASM	4,625	77	2,051	1.93	.40	.75	8,025	58	5.09
1958 ASM	4,485	77	2,051	1.86	.40	.75	7,762	58	4.94
1958 Census	4,422	77	1,951	1.97	.38	.75	7,423	60	4.94
	INDUSTRY 2789.--BOOKBINDING AND RELATED WORK								
1967 Census	5,412	90	1,850	2.60	.24	.72	8,608	63	5.18
1966 ASM	4,952	88	1,839	2.40	.29	.75	7,751	64	4.79
1965 ASM	4,854	87	1,873	2.35	.27	.74	7,522	65	4.63
1964 ASM	4,917	90	1,841	2.36	.26	.76	7,363	67	4.44
1963 Census	4,724	89	1,886	2.27	.25	.75	7,079	67	4.22
1962 ASM	4,423	95	1,737	2.12	.28	.78	6,532	68	3.98
1961 ASM	4,366	94	1,794	2.05	.28	.78	6,359	69	3.76
1960 ASM	4,062	94	1,736	1.98	.28	.76	6,085	67	3.73
1959 ASM	4,076	95	1,782	1.95	.29	.77	6,003	68	3.56
1958 Census	3,946	88	1,919	1.85	.27	.75	5,989	66	3.55
	INDUSTRY 2791.--TYPESETTING								
1967 Census	8,176	82	1,917	4.09	.15	.73	11,945	68	7.58
1966 ASM	7,913	80	1,953	3.78	.14	.75	11,214	71	7.17
1965 ASM	7,591	79	1,959	3.77	.15	.76	10,487	72	6.80
1964 ASM	7,086	81	1,868	3.80	.14	.77	9,888	72	6.54
1963 Census	7,015	81	1,978	3.54	.15	.76	9,785	72	6.13
1962 ASM	7,053	77	2,224	3.27	.14	.74	10,237	69	5.97
1960 ASM	6,664	76	2,190	3.15	.12	.75	9,384	71	5.61
1960 ASM	6,539	79	2,066	3.21	.13	.78	8,734	75	5.32
1959 ASM	6,236	80	2,021	3.09	.13	.77	8,527	73	5.28
1958 Census	6,071	80	1,897	3.13	.13	.74	8,613	70	5.69
	INDUSTRY 2793.--PHOTOENGRAVING								
1967 Census	9,559	71	1,868	5.12	.19	.73	14,521	66	10.92
1966 ASM	8,683	70	1,985	4.50	.20	.73	13,055	67	9.35
1965 ASM	8,509	71	1,975	4.35	.21	.75	23,396	69	8.81
1964 ASM	8,672	71	1,976	4.41	.20	.76	12,480	69	8.87
1963 Census	8,190	70	1,912	4.41	.19	.76	11,751	70	8.75
1962 ASM	8,155	67	2,153	3.94	.18	.83	10,300	79	7.09
1961 ASM	7,916	68	2,080	3.89	.17	.83	9,718	81	6.84
1960 ASM	7,416	71	1,907	3.94	.17	.76	10,368	72	7.71
1959 ASM	7,321	71	1,881	3.97	.17	.76	10,207	72	7.67
1958 Census	7,265	72	1,865	3.97	.18	.78	9,980	73	7.48
	INDUSTRY 2794.--ELECTROTYPING AND STEREOTYPING								
1967 Census	8,795	73	1,940	4.47	.23	.74	13,371	66	9.45
1966 ASM	7,987	70	1,924	3.69	.26	.76	11,757	68	8.73
1965 ASM	8,034	71	1,969	3.62	.26	.79	11,257	71	8.03
1964 ASM	7,943	68	2,148	3.89	.28	.77	11,631	68	7.99
1963 Census	7,680	74	1,928	3.92	2.5	.77	11,175	69	7.87
1962 ASM	6,790	71	1,944	3.66	.24	.81	9,141	74	6.58
1961 ASM	6,928	73	1,950	3.55	.23	.80	9,398	74	6.62
1960 ASM	6,754	72	1,948	3.48	.24	.79	9,315	73	6.63
1959 ASM	6,662	72	9,940	3.50	.24	.80	9,107	73	6.53
1958 Census	6,535	73	1,872	3.42	.23	.77	9,273	70	6.74

Standard notes: '- Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2771-- GREETING CARD PUBLISHING													
UNITED STATES	222	92	27.6	150.6	16.4	31.3	75.0	372.3	171.9	517.9	14.9	21.5	204.6
NORTHEAST REGION	119	48	7.4	35.3	5.7	10.3	22.1	97.0	60.6	148.0	2.9	8.8	73.4
NEW ENGLAND DIVISION	30	16	3.7	18.0	2.5	4.3	9.5	45.1	23.0	65.8	1.3	3.9	28.9
NEW HAMPSHIRE	5	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
VERMONT	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	16	9	2.4	11.0	1.7	2.8	5.9	29.9	12.9	41.3	.6	2.6	19.4
RHODE ISLAND	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	89	32	3.7	17.3	3.2	6.1	12.6	51.9	37.6	82.1	1.6	4.9	44.5
NEW YORK	68	22	2.9	13.4	2.5	4.7	9.9	45.1	30.9	68.4	1.5	4.2	39.7
NEW JERSEY	10	5	.3	1.9	.3	.5	1.1	4.2	3.1	7.3	.1	.2	2.4
PENNSYLVANIA	11	5	.5	2.0	.5	.9	1.7	2.6	3.7	6.4	(Z)	.4	2.4
NORTH CENTRAL REGION	61	28	16.5	98.1	8.0	15.7	42.6	220.4	87.2	292.4	9.6	11.3	116.5
EAST NORTH CENTRAL DIVISION	42	19	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	11	7	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS	24	10	1.6	7.5	1.2	2.3	5.1	12.8	7.8	21.8	.4	1.9	13.4
MICHIGAN	6	2	.2	1.4	.2	.4	1.0	3.2	1.4	4.4	.1	(D)	(D)
WEST NORTH CENTRAL DIVISION	19	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	9	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KANSAS	7	6	2.0	10.9	1.7	3.4	8.9	26.4	2.8	27.6	3.0	(D)	(D)
SOUTH REGION	16	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.1
SOUTH ATLANTIC DIVISION	11	4	.3	1.9	.2	.4	1.1	3.9	2.6	6.4	.1	(D)	(D)
MARYLAND	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KENTUCKY	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	26	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	11.6
PACIFIC DIVISION	25	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	25	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	11.1
2782-- BLANKBOOKS AND LOOSELEAF BINDERS													
UNITED STATES	444	193	23.2	130.3	19.4	38.4	94.5	245.4	138.0	381.3	11.6	17.9	168.5
NORTHEAST REGION	203	88	11.0	59.8	9.2	17.8	44.0	115.2	71.0	184.7	5.0	8.9	79.6
NEW ENGLAND DIVISION	34	17	3.3	16.5	2.7	4.9	12.2	32.5	21.6	54.2	1.1	2.6	23.9
MASSACHUSETTS	23	13	2.7	13.1	2.3	4.0	10.1	24.2	17.8	42.1	1.0	2.0	17.6
CONNECTICUT	8	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	169	71	7.7	43.4	6.5	12.9	31.8	82.8	49.4	130.5	3.9	6.4	55.6
NEW YORK	123	49	4.5	24.0	3.7	7.2	16.7	47.5	32.0	78.6	1.4	4.0	34.7
NEW JERSEY	25	14	2.4	14.6	2.1	4.4	11.5	27.4	14.6	41.2	2.0	1.8	16.7
PENNSYLVANIA	21	8	.8	4.8	.7	1.4	3.5	7.9	2.8	10.7	.6	.6	4.2
NORTH CENTRAL REGION	125	54	7.4	42.8	6.2	12.4	30.7	79.4	40.2	119.1	4.2	5.5	53.5
EAST NORTH CENTRAL DIVISION	90	40	5.6	31.5	4.7	9.2	22.6	57.1	29.8	86.2	2.8	4.1	38.0
OHIO	18	6	.5	3.4	.5	.9	2.4	6.5	3.0	9.5	.3	.4	4.8
INDIANA	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.8
ILLINOIS	49	21	3.5	19.5	2.9	5.7	13.9	32.9	19.6	52.0	1.5	2.4	22.4
MICHIGAN	13	7	.6	3.8	.5	1.1	2.7	8.0	3.8	11.7	.7	.6	5.2
WISCONSIN	6	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	3.7
WEST NORTH CENTRAL DIVISION	35	14	1.8	11.3	1.5	3.2	8.1	22.4	10.4	33.0	1.4	1.4	15.5
MINNESOTA	12	4	.6	3.8	.5	1.1	2.7	7.6	3.4	11.0	(D)	(D)	(D)
MISSOURI	14	8	.9	4.8	.7	1.4	3.3	9.9	5.3	15.5	(D)	.7	7.7
KANSAS	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	65	25	2.1	11.5	1.7	3.5	7.7	19.6	10.8	30.2	.8	1.7	15.1
SOUTH ATLANTIC DIVISION	37	15	1.5	8.0	1.2	2.5	5.3	12.7	6.4	18.9	.5	.9	7.2
MARYLAND	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CAROLINA	6	2	.2	.6	.2	.3	.5	.7	.6	1.3	(Z)	(D)	(D)
GEORGIA	9	5	.5	3.5	.5	1.0	2.3	5.2	2.2	7.4	.2	(D)	(D)
FLORIDA	9	3	.2	.5	.2	.3	.4	1.4	.8	2.2	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	18	8	.5	2.9	.4	.8	1.9	5.7	3.3	9.0	.2	.5	6.3
TEXAS	9	6	.4	2.3	.3	.7	1.5	5.1	2.7	7.7	(D)	.4	5.5
WEST REGION	51	26	2.7	16.2	2.3	4.6	12.2	31.1	16.0	47.2	1.7	1.8	20.3
PACIFIC DIVISION	45	24	2.6	15.8	2.2	4.4	11.9	30.6	15.2	46.0	1.6	(D)	(D)
WASHINGTON	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	39	20	2.3	14.0	1.9	3.9	10.5	27.5	14.1	41.8	1.4	1.7	19.2

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2789-- BOOKBINDING AND RELATED WORK													
UNITED STATES	1 018	334	30.3	163.9	27.2	50.3	131.0	260.6	80.2	340.6	13.5	24.3	172.3
NORTHEAST REGION	492	165	14.7	85.4	13.2	24.4	68.6	131.0	30.2	161.3	6.4	12.7	90.6
NEW ENGLAND DIVISION	70	20	1.6	8.2	1.5	2.7	6.4	13.0	2.7	15.7	.4	1.2	7.4
MASSACHUSETTS	45	15	1.2	5.6	1.1	2.0	4.4	9.5	2.0	11.5	.3	1.0	6.3
CONNECTICUT	12	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	422	145	13.0	77.2	11.7	21.7	62.2	118.0	27.4	145.6	6.0	11.5	83.2
NEW YORK	301	95	8.0	49.6	7.3	13.6	40.9	74.4	15.6	89.7	2.4	8.6	62.8
NEW JERSEY	55	21	2.5	14.4	2.3	4.1	11.4	22.7	5.7	28.3	2.1	1.1	6.9
PENNSYLVANIA	66	29	2.5	13.3	2.2	3.9	9.8	20.9	6.2	27.6	1.5	1.8	13.4
NORTH CENTRAL REGION	241	98	9.6	49.6	8.5	16.0	39.3	84.3	31.6	116.2	4.2	7.3	53.4
EAST NORTH CENTRAL DIVISION	180	80	7.8	40.7	6.9	13.1	32.0	66.1	24.0	90.4	2.9	6.0	45.4
OHIO	33	12	.8	4.0	.7	1.3	3.0	6.2	1.5	7.7	.3	.7	4.6
INDIANA	19	.8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS	93	40	4.7	25.4	4.2	8.1	20.4	42.2	18.6	61.1	1.8	3.7	29.1
MICHIGAN	23	15	1.2	5.9	1.0	1.8	4.7	9.4	1.6	11.1	.6	(D)	(D)
WISCONSIN	12	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST NORTH CENTRAL DIVISION	61	18	1.8	8.9	1.6	2.9	7.3	18.3	7.6	25.8	1.2	1.2	8.1
MINNESOTA	12	2	.2	1.0	.2	.3	.8	1.7	.8	2.5	(D)	(D)	(D)
IOWA	8	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.9
MISSOURI	29	12	1.2	5.9	1.1	2.0	4.9	13.3	5.2	18.4	(D)	.8	5.6
KANSAS	6	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	138	47	4.0	17.6	3.6	6.6	14.3	27.1	10.8	37.9	1.6	2.9	17.1
SOUTH ATLANTIC DIVISION	80	27	2.4	11.4	2.2	4.2	9.2	17.3	6.0	23.4	.9	2.1	12.0
MARYLAND	14	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	5.7
NORTH CAROLINA	11	6	.5	1.8	.4	.7	1.4	2.3	.8	3.1	.1	.5	2.0
GEORGIA	10	4	.3	1.5	.3	.6	1.1	2.4	1.6	4.0	.1	(D)	(D)
FLORIDA	26	6	.4	1.9	.4	.7	1.6	2.9	1.0	3.9	(D)	.3	1.6
EAST SOUTH CENTRAL DIVISION	13	4	.3	1.4	.3	.5	1.2	2.1	.9	3.1	(D)	.1	1.1
TENNESSEE	6	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	45	16	1.2	4.8	1.1	1.9	3.9	7.6	3.9	11.5	(D)	.7	4.0
TEXAS	27	11	1.0	3.9	.9	1.5	3.1	6.3	3.1	9.4	(D)	.5	3.0
WEST REGION[e]	147	24	2.1	11.2	1.8	3.4	8.9	18.2	7.6	25.1	1.2	1.5	11.1
MOUNTAIN DIVISION	22	5	.3	1.5	.3	.6	1.2	2.2	.8	3.0	.1	.3	2.1
UTAH	4	2	.2	.7	.2	.3	.6	.8	.5	1.3	(Z)	(D)	(D)
PACIFIC DIVISION[e]	125	19	1.7	9.7	1.5	2.8	7.7	16.0	6.8	22.2	1.1	1.2	9.0
CALIFORNIA	108	15	1.5	8.7	1.4	2.5	6.9	14.1	5.4	19.9	.8	1.1	8.0
2791-- TYPESETTING													
UNITED STATES	1 535	365	25.5	208.3	20.9	40.2	164.1	304.3	52.7	356.7	13.2	21.0	205.5
NORTHEAST REGION	571	170	11.7	95.9	9.7	18.7	76.2	139.9	21.9	161.7	5.9	10.1	96.8
NEW ENGLAND DIVISION	108	31	1.9	14.8	1.6	3.1	12.0	20.3	3.0	23.6	.9	1.5	14.0
MASSACHUSETTS	64	19	1.0	8.0	.8	1.6	6.4	11.0	1.9	12.8	.4	.8	7.5
CONNECTICUT	29	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	463	139	9.8	81.1	8.1	15.6	64.2	119.6	18.9	138.2	5.0	8.6	82.8
NEW YORK	320	98	6.3	55.5	5.1	9.9	43.5	82.0	12.9	94.7	3.8	5.6	58.0
NEW JERSEY	60	9	.6	4.2	.5	.9	3.3	6.4	1.3	7.6	.2	(D)	(D)
PENNSYLVANIA	83	32	2.9	21.5	2.5	4.9	17.4	31.2	4.8	35.9	.9	(D)	(D)
NORTH CENTRAL REGION	451	104	7.9	67.7	6.4	12.2	52.3	97.3	19.3	116.6	4.6	6.2	64.1
EAST NORTH CENTRAL DIVISION	340	86	6.5	56.6	5.3	10.1	43.9	80.5	16.3	96.7	3.8	5.1	52.4
OHIO	79	17	1.1	8.8	.9	1.7	6.8	13.0	1.9	14.8	.6	1.0	9.7
INDIANA	29	6	.5	4.1	.4	.9	3.2	6.0	.6	6.5	.2	.4	3.9
ILLINOIS	150	45	3.4	31.3	2.8	5.4	24.7	42.7	6.3	49.1	1.5	2.6	27.6
MICHIGAN	57	14	1.2	11.2	1.0	1.8	8.2	16.7	7.3	23.9	1.3	.9	9.1
WISCONSIN	25	4	.2	1.3	.1	.3	1.0	2.1	.3	2.4	.1	.3	2.0
WEST NORTH CENTRAL DIVISION	111	18	1.5	11.0	1.2	2.1	8.4	16.8	3.0	19.9	.8	1.1	11.6
MINNESOTA	23	7	.5	4.4	.4	.7	3.4	6.4	1.1	7.4	.3	.4	4.6
MISSOURI	56	7	.6	4.7	.5	.8	3.5	7.3	1.4	8.9	.3	.5	5.3
SOUTH REGION	274	61	3.8	27.5	3.1	6.1	21.9	40.7	7.1	47.5	1.8	2.9	25.0
SOUTH ATLANTIC DIVISION	150	39	2.3	16.7	1.9	3.7	13.3	24.7	4.9	29.6	1.2	1.7	14.6
MARYLAND	37	13	.7	6.0	.6	1.3	5.0	8.9	1.2	10.2	.4	.5	4.8
DISTRICT OF COLUMBIA	20	11	.5	3.9	.4	.8	3.1	5.9	1.2	7.0	.6	.5	4.4
VIRGINIA	16	3	.3	1.7	.2	.5	1.4	2.3	1.1	3.4	.1	.1	.9
GEORGIA	17	4	.2	1.5	.1	.3	1.1	2.0	.6	2.6	.1	(D)	(D)
FLORIDA	42	6	.4	2.4	.3	.6	1.8	3.6	.7	4.3	.1	(D)	(D)
EAST SOUTH CENTRAL DIVISION	46	7	.5	3.6	.5	.9	2.9	5.0	.6	5.5	.2	.4	3.3
TENNESSEE	24	6	.4	2.7	.4	.7	2.2	3.7	.4	4.0	(D)	.3	2.5
WEST SOUTH CENTRAL DIVISION	78	15	1.0	7.3	.8	1.5	5.6	11.0	1.6	12.5	.4	.7	7.1
TEXAS	52	12	.8	6.1	.7	1.3	4.7	9.0	1.3	10.3	.3	.6	5.8

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2791-- TYPESETTING--CONTINUED													
WEST REGION	239	30	2.1	17.3	1.7	3.1	13.8	26.5	4.4	30.9	.9	1.8	19.6
MOUNTAIN DIVISION	32	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	207	26	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	175	24	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	15.6
2793-- PHOTOENGRAVING													
UNITED STATES	735	193	13.2	126.2	9.4	17.5	89.8	191.7	43.7	234.3	6.3	14.6	171.8
NORTHEAST REGION	233	75	6.1	62.0	4.4	8.1	44.4	94.8	21.2	115.1	3.1	6.7	78.9
NEW ENGLAND DIVISION	64	13	1.1	11.3	.9	1.7	8.3	17.9	3.5	20.8	.4	1.3	14.1
MASSACHUSETTS	25	5	.4	3.1	.3	.5	2.3	4.5	.8	5.3	.1	.4	4.4
CONNECTICUT	25	5	.6	7.0	.5	1.0	5.3	11.6	2.5	13.3	.3	.6	7.3
MIDDLE ATLANTIC DIVISION	169	62	5.0	50.7	3.5	6.5	36.1	76.9	17.6	94.3	2.7	5.4	64.8
NEW YORK	97	44	3.7	38.5	2.6	4.8	27.9	59.0	13.5	72.3	2.0	3.8	47.8
NEW JERSEY	30	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.8
PENNSYLVANIA	42	12	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	11.2
NORTH CENTRAL REGION	213	63	3.8	36.9	2.7	5.0	26.2	53.0	11.7	64.7	1.7	4.4	52.6
EAST NORTH CENTRAL DIVISION	165	56	3.2	31.5	2.3	4.2	22.5	45.2	9.9	55.2	(D)	3.6	44.0
OHIO	38	15	.6	5.2	.4	.7	3.5	7.9	1.6	9.6	(D)	.8	9.4
INDIANA	19	6	.2	2.1	.2	.3	1.3	2.8	.8	3.6	(D)	.3	2.9
ILLINOIS	61	22	1.5	15.0	1.1	2.1	11.2	21.5	4.7	26.2	.7	1.7	21.2
MICHIGAN	31	9	.6	7.2	.5	.9	5.0	10.2	2.1	12.3	.4	.6	8.3
WISCONSIN	16	4	.2	2.1	.2	.3	1.5	2.8	.7	3.5	.1	.2	2.2
WEST NORTH CENTRAL DIVISION	48	7	.6	5.4	.4	.8	3.7	7.8	1.7	9.5	(D)	.8	8.5
MISSOURI	15	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.3	3.7
SOUTH REGION	151	30	1.7	13.9	1.2	2.5	9.7	22.6	6.1	28.7	(D)	2.1	22.5
SOUTH ATLANTIC DIVISION	81	17	1.0	8.0	.7	1.5	5.6	12.2	3.1	15.3	.3	1.2	12.9
VIRGINIA	14	4	.2	1.8	.2	.4	1.5	2.9	.7	3.6	.1	.3	3.8
NORTH CAROLINA	13	4	.2	1.2	.1	.2	.8	1.7	.5	2.2	(Z)	.3	2.1
GEORGIA	9	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.0
FLORIDA	23	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.1
EAST SOUTH CENTRAL DIVISION	21	5	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.8
WEST SOUTH CENTRAL DIVISION	49	8	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	6.8
TEXAS	30	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.8
WEST REGION	138	25	1.6	13.3	1.1	2.0	9.5	21.2	4.7	25.9	(D)	1.4	17.9
MOUNTAIN DIVISION	30	3	.2	1.7	.2	.3	1.3	3.1	.6	3.7	(D)	.2	2.7
PACIFIC DIVISION	108	22	1.3	11.6	.9	1.7	8.2	18.1	4.1	22.2	.9	1.2	15.1
CALIFORNIA	90	18	1.1	10.3	.8	1.5	7.4	16.1	3.6	19.5	.8	1.0	13.1
2794-- ELECTROTYPING AND STEREOTYPING													
UNITED STATES	133	57	3.6	31.3	2.6	5.0	22.5	47.7	14.3	62.1	.7	5.1	57.2
NORTHEAST REGION	51	24	1.6	14.1	1.2	2.2	10.6	20.5	5.2	25.7	.2	2.1	23.3
NEW ENGLAND DIVISION	12	6	.3	2.5	.3	.5	1.8	3.6	.8	4.4	(Z)	.4	5.0
MASSACHUSETTS	8	3	.2	1.6	.2	.3	1.2	2.5	.5	3.0	(Z)	.2	2.4
MIDDLE ATLANTIC DIVISION	39	18	1.3	11.7	.9	1.8	8.7	16.9	4.4	21.3	.2	1.7	18.3
NEW YORK	26	14	1.1	9.9	.8	1.5	7.5	14.4	3.9	18.3	.1	1.2	14.4
PENNSYLVANIA	11	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CENTRAL REGION	58	27	1.5	13.5	1.1	2.1	9.2	22.1	7.6	29.8	.5	2.3	27.0
EAST NORTH CENTRAL DIVISION	49	24	1.4	12.6	1.0	2.0	8.7	20.8	7.2	28.0	(D)	2.2	25.3
OHIO	16	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.0
ILLINOIS	15	9	.8	7.3	.5	1.1	5.1	12.7	4.1	16.9	.3	1.1	14.4
MICHIGAN	8	3	.2	1.6	.1	.2	1.1	2.4	.5	2.9	(Z)	.4	5.0
SOUTH REGION	18	4	.3	2.8	.3	.5	2.1	3.8	1.1	4.9	(D)	.4	3.8
EAST SOUTH CENTRAL DIVISION	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250 to 499 employees
CC - 500 to 999 employees
EE - 1,000 to 2,499 employees
FF - 2,500 employees and over

TABLE 3. Detailed Statistics: 1967

Item	Greeting card publishing (SIC 2771)	Blankbooks and looseleaf binders (SIC 2782)	Bookbinding and related work (SIC 2789)	Typesetting (SIC 2791)	Photo-engraving (SIC 2793)	Electro-typing and stereo-typing (SIC 2794)
PRIMARY PRODUCT SPECIALIZATION RATIO[1] . . . . PERCENT	.87	.86	.94	.95	.94	.89
COVERAGE RATIO[2] . . . . . DO	.93	.88	.89	.92	.91	.85
ESTABLISHMENTS, TOTAL . . . . . NUMBER	222	444	1 018	1 535	735	133
WITH 1 TO 19 EMPLOYEES . . . . . DO	130	251	684	1 170	542	76
WITH 20 TO 99 EMPLOYEES . . . . . DO	53	127	268	329	176	51
WITH 100 EMPLOYEES OR MORE . . . . . DO	39	66	66	36	17	6
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	27.6	23.2	30.3	25.5	13.2	3.6
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	150.6	130.3	163.9	208.3	126.2	31.3
PRODUCTION WORKERS:						
AVERAGE FOR YEAR 1,000	16.4	19.4	27.2	20.9	9.4	2.6
MARCH . . . . . DO	14.8	19.2	27.1	21.0	9.4	2.6
MAY . . . . . DO	16.0	19.3	27.3	20.8	9.5	2.6
AUGUST . . . . . DO	17.1	19.7	27.9	20.8	9.4	2.6
NOVEMBER . . . . . DO	17.7	19.3	26.6	21.2	9.3	2.5
MAN-HOURS . . . . . MILLIONS	31.3	38.4	50.3	40.2	17.5	5.0
JANUARY-MARCH . . . . . DO	7.1	9.3	12.5	10.1	4.4	1.3
APRIL-JUNE . . . . . DO	7.9	9.7	12.8	10.0	4.4	1.3
JULY-SEPTEMBER . . . . . DO	8.2	9.7	12.7	9.9	4.3	1.2
OCTOBER-DECEMBER . . . . . DO	8.1	9.7	12.3	10.1	4.4	1.2
WAGES . . . . . MILLION DOLLARS	75.0	94.5	131.0	164.1	89.8	22.5
COST OF MATERIALS, ETC., TOTAL . . . . . DO	171.9	138.0	80.2	52.7	43.7	14.3
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . DO	120.3	127.0	66.5	39.1	36.6	10.8
COST OF RESALES . . . . . DO	10.4	5.4	4.0	3.7	3.5	2.2
FUELS CONSUMED . . . . . DO	.7	.7	.6	.6	.4	.3
PURCHASED ELECTRIC ENERGY . . . . . DO	2.3	1.8	2.1	2.6	1.3	.7
CONTRACT WORK . . . . . DO	38.2	3.1	7.1	6.6	2.0	.4
VALUE OF SHIPMENTS, INCLUDING RESALES . . . . . DO	517.9	381.3	340.6	356.7	234.3	62.1
VALUE OF RESALES . . . . . DO	22.0	7.7	4.9	4.9	4.1	2.6
VALUE ADDED BY MANUFACTURE . . . . . DO	372.3	245.4	260.6	304.3	191.7	47.7
MANUFACTURERS' INVENTORIES:						
BEGINNING OF YEAR, TOTAL . . . . . DO	109.2	48.5	20.7	12.8	5.8	2.2
FINISHED PRODUCTS . . . . . DO	51.0	16.0	4.2	1.3	.9	.1
WORK IN PROCESS . . . . . DO	35.5	12.2	9.3	7.6	1.4	.3
MATERIALS, SUPPLIES, FUEL, ETC. . . . . DO	22.7	20.4	7.2	3.9	3.5	1.8
END OF YEAR, TOTAL . . . . . DO	147.8	52.7	21.0	14.3	8.5	2.2
FINISHED PRODUCTS . . . . . DO	66.8	16.8	4.8	1.5	1.6	.1
WORK IN PROCESS . . . . . DO	46.1	13.4	8.9	7.8	1.8	.1
MATERIALS, SUPPLIES, FUEL, ETC. . . . . DO	34.9	22.5	7.3	5.1	5.1	2.0
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . DO	15.7	12.6	14.4	15.3	7.0	.9
NEW PLANT AND EQUIPMENT, TOTAL . . . . . DO	14.9	11.6	13.5	13.2	6.3	.7
NEW STRUCTURES AND ADDITIONS TO PLANT . . . DO	4.1	2.1	1.5	1.7	.9	(Z)
NEW MACHINERY AND EQUIPMENT . . . . . DO	10.8	9.5	12.0	11.5	5.4	.7
USED PLANT AND EQUIPMENT . . . . . DO	.8	.9	.7	1.7	.5	.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1] The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2] The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2771-- GREETING CARD PUBLISHING											
ESTABLISHMENTS, TOTAL	222	27.6	150.6	16.4	31.3	75.0	372.3	171.9	517.9	14.9	147.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	77	.1	.7	.1	.2	.4	1.8	1.2	3.0	(Z)	.4
5 TO 9 EMPLOYEES[e]	23	.1	.8	.1	.2	.4	1.3	1.6	3.1	(Z)	.3
10 TO 19 EMPLOYEES	30	.4	2.7	.3	.6	1.6	5.4	4.5	9.9	.2	.7
20 TO 49 EMPLOYEES	37	1.2	6.5	.9	1.6	3.9	14.1	9.7	23.7	1.4	2.6
50 TO 99 EMPLOYEES	16	1.0	6.0	.8	1.6	4.4	14.0	7.8	21.8	1.5	1.3
100 TO 249 EMPLOYEES	20	2.9	16.9	2.4	4.6	12.2	33.2	16.3	49.0	2.7	6.2
250 TO 499 EMPLOYEES	9	3.1	13.4	2.2	4.0	7.8	31.1	27.0	55.9	.8	9.1
500 TO 999 EMPLOYEES	4	2.8	13.7	1.9	3.7	8.1	34.7	6.8	39.8	2.1	10.9
1,000 TO 2,499 EMPLOYEES	4	16.0	90.0	7.6	14.8	36.2	236.8	96.9	311.7	6.1	116.3
2,500 EMPLOYEES OR MORE	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	87	.2	1.0	.2	.3	.5	2.5	1.7	4.2	.1	.6
2782-- BLANKBOOKS AND LOOSELEAF BINDERS											
ESTABLISHMENTS, TOTAL	444	23.2	130.3	19.4	38.4	94.5	245.4	138.0	381.3	11.6	52.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	135	.2	1.2	.2	.4	.9	2.8	2.2	5.0	(Z)	.5
5 TO 9 EMPLOYEES[e]	52	.3	2.0	.3	.6	1.4	3.3	2.5	5.8	.1	.5
10 TO 19 EMPLOYEES	64	.9	5.3	.7	1.4	3.6	10.9	6.0	16.9	.5	1.0
20 TO 49 EMPLOYEES	85	2.7	14.1	2.3	4.2	10.0	21.9	18.0	39.7	1.5	4.3
50 TO 99 EMPLOYEES	42	3.1	16.5	2.5	5.0	11.7	30.4	21.0	51.1	1.9	4.9
100 TO 249 EMPLOYEES	47	7.0	37.1	5.8	11.7	26.9	73.4	38.7	111.5	3.2	11.5
250 TO 499 EMPLOYEES	14	4.6	29.1	3.9	8.1	21.2	54.0	22.1	76.1	2.1	9.8
500 TO 999 EMPLOYEES	3	4.5	25.0	3.6	7.1	19.0	48.7	27.5	75.2	2.2	20.3
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	155	.4	1.9	.4	.6	1.4	4.0	2.6	6.7	.1	.7
2789-- BOOKBINDING AND RELATED WORK											
ESTABLISHMENTS, TOTAL	1 018	30.3	163.9	27.2	50.3	131.0	260.6	80.2	340.6	13.5	21.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	351	.6	2.9	.6	1.0	2.3	7.2	2.0	9.2	.1	.3
5 TO 9 EMPLOYEES[e]	179	1.2	6.6	1.1	2.1	5.4	11.8	3.2	14.9	.5	.4
10 TO 19 EMPLOYEES	154	2.2	11.9	1.9	3.6	9.4	19.9	3.6	23.5	1.2	.6
20 TO 49 EMPLOYEES	176	5.6	30.2	5.1	9.3	24.3	47.3	10.8	57.9	2.6	1.9
50 TO 99 EMPLOYEES	92	6.2	33.1	5.6	10.5	26.0	52.3	12.9	65.0	2.6	2.4
100 TO 249 EMPLOYEES	47	14.4	79.2	12.9	23.8	63.6	122.0	47.7	170.0	6.5	15.4
250 TO 499 EMPLOYEES	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	425	1.1	5.5	1.1	1.9	4.4	11.6	3.2	14.8	.3	.4
2791-- TYPESETTING											
ESTABLISHMENTS, TOTAL	1 535	25.5	208.3	20.9	40.2	164.1	304.3	52.7	356.7	13.2	14.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	727	1.1	8.6	1.1	1.8	7.0	18.6	4.7	23.3	1.6	.8
5 TO 9 EMPLOYEES	193	1.3	10.8	1.1	2.2	9.0	16.7	2.9	19.6	.8	.5
10 TO 19 EMPLOYEES	250	3.4	26.7	2.7	5.2	21.1	39.6	6.8	46.3	1.5	1.5
20 TO 49 EMPLOYEES	241	7.5	60.5	6.1	11.4	47.8	88.1	14.5	102.5	3.4	3.7
50 TO 99 EMPLOYEES	88	6.1	49.4	4.9	9.7	38.8	70.0	9.8	79.7	2.9	3.3
100 TO 249 EMPLOYEES	31	4.3	39.1	3.5	7.1	29.3	53.3	11.6	64.9	2.5	3.1
250 TO 499 EMPLOYEES	5	1.7	13.2	1.5	2.8	11.1	18.0	2.5	20.5	.6	1.4
500 TO 999 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	678	1.1	8.0	1.1	1.7	6.4	16.4	3.6	20.0	1.5	.8
2793-- PHOTOENGRAVING											
ESTABLISHMENTS, TOTAL	735	13.2	126.2	9.4	17.5	89.8	191.7	43.7	234.3	6.3	8.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	257	.4	3.8	.4	.6	2.8	8.9	2.3	11.1	.2	.3
5 TO 9 EMPLOYEES	127	.9	7.0	.6	1.2	5.3	11.9	2.8	14.6	.5	.4
10 TO 19 EMPLOYEES	158	2.2	17.6	1.5	2.8	12.7	27.1	5.8	32.9	.7	1.0
20 TO 49 EMPLOYEES	127	3.9	35.5	2.7	5.0	24.6	51.0	11.6	62.5	2.1	1.9
50 TO 99 EMPLOYEES	49	3.3	32.9	2.4	4.4	23.4	45.2	10.4	55.6	1.4	1.8
100 TO 249 EMPLOYEES	16	2.6	29.3	1.8	3.5	21.1	47.5	10.9	57.5	1.5	3.0
250 TO 499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	243	.4	3.5	.4	.6	2.6	7.7	1.9	9.6	.1	.3

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2794-- ELECTROTYPING AND STEREOTYPING											
ESTABLISHMENTS, TOTAL	133	3.6	31.3	2.6	5.0	22.5	47.7	14.3	62.1	.7	2.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	32	.1	.4	.1	.1	.3	.8	.2	1.0	(Z)	(Z)
5 TO 9 EMPLOYEES	20	.1	1.2	.1	.2	.8	1.9	.6	2.5	(D)	.1
10 TO 19 EMPLOYEES	24	.3	2.6	.2	.4	1.6	4.2	1.4	5.6	(Z)	.2
20 TO 49 EMPLOYEES	38	1.2	10.2	.8	1.6	6.6	14.8	4.9	19.7	.3	.7
50 TO 99 EMPLOYEES	13	.9	8.2	.7	1.3	6.2	12.4	2.9	15.3	(Z)	.4
100 TO 249 EMPLOYEES	6	.9	8.8	.7	1.5	7.0	13.7	4.3	18.1	.4	.8
250 TO 499 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
500 TO 999 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	28	(Z)	.3	(Z)	.1	.2	.7	.2	.9	-	(Z)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments: Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Value of primary product shipments: Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2271	Greeting card publishing....1967..	517.9	412.4	63.6	41.9	87	441.4	412.4	29.0	93
	1963..	346.0	296.4	24.7	24.9	92	310.2	296.4	13.8	96
2782	Blankbooks and looseleaf binders....1967..	381.3	319.4	51.7	10.2	86	362.3	319.4	42.9	88
	1963..	268.2	220.7	31.4	16.1	88	252.0	220.7	31.4	88
2789	Bookbinding and related work....1967..	340.6	301.1	17.7	21.8	94	337.5	301.1	36.4	89
	1963..	228.5	203.0	10.6	14.9	95	243.2	203.0	40.2	83
2791	Typesetting....1967..	356.7	333.9	16.1	6.7	95	362.1	333.9	28.2	92
	1963..	241.0	225.5	11.5	4.0	95	249.6	225.5	24.1	90
2793	Photoengraving....1967..	234.3	214.6	14.3	5.4	94	237.1	214.6	22.5	91
	1963..	212.4	196.3	10.3	5.8	95	214.7	196.3	18.5	91
2794	Electrotyping and sterotyping....1967..	62.1	52.1	6.6	3.4	89	61.4	52.1	9.3	85
	1963..	76.1	61.7	9.2	5.2	87	71.9	61.7	10.2	86

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Prod. code	Class of products, industry and miscellaneous receipts	All industries	Greeting card publishing (SIC 2771)	Blankbooks; looseleaf binders (SIC 2782)	Bookbinding and related work (SIC 2789)	Type-setting (SIC 2791)	Photo-engraving (SIC 2793)	Electro-typing and stereo-typing (SIC 2794)	Other industries
	Total value of receipts of the industry.....	(X)	517.9	381.3	340.6	356.7	234.3	62.1	(X)
2771-	Greeting card publishing.....	441.4	412.4	-	-	-	-	-	29.0
27711	Greeting cards, publishers' sales.....	381.4	370.7	-	-	-	-	-	10.7
27712	Greeting cards, printed for publication by others.....	44.0	26.3	-	-	-	-	-	17.7
27710	Greeting cards, receipts, n.s.k.....	16.0	15.4	-	-	-	-	-	.6
2782-	Blankbooks and looseleaf binders.....	362.3	-	319.4	(5-10)	(under 2)	-	-	34.6
27821	Blankbook making.....	186.8	-	169.8	(2-5)	(under 2)	-	-	13.9
27822	Looseleaf binders and devices.....	153.8	-	128.0	5.3	-	-	-	20.5
27820	Blankbooks and looseleaf binders, n.s.k.....	21.7	-	21.6	-	-	-	-	.1
2789-	Bookbinding and related work.....	337.5	-	(2-5)	301.1	(under 2)	-	-	32.0
27891	Editor, library and other hard cover book binding.....	167.4	-	(under 2)	140.8	(under 2)	-	-	24.8
27892	other book and pamphlet binding and related binding work.....	135.4	-	(2-5)	125.6	(under 2)	-	-	7.2
27890	Bookbinding and related work, n.s.k.....	34.7	-	-	34.7	-	-	-	-
2791-	Typesetting.....	362.1	.1	(under 2)	(under 2)	333.9	1.4	(under 2)	25.0
2793-	Photoengraving.....	237.1	-	-	(under 2)	1.1	214.6	(under 2)	20.5
2794-	Electrotyping and stereotyping.....	61.4	-	-	-	3.2	2.6	52.1	3.5
	Other product shipments by 4-digit product group	(X)	63.5	47.3	8.6	11.6	10.3	5.0	(X)
2299-	Textile goods, n.e.c.....	(X)	8.6	-	-	-	-	-	(X)
2649-	Converted paper products, n.e.c.....	(X)	31.4	22.4	(under 2)	-	-	-	(X)
2654-	Sanitary food containers.....	(X)	(10-20)	-	-	-	-	-	(X)
2731-	Book publishing.....	(X)	(under 2)	-	(2-5)	-	-	-	(X)
2751-	Commercial printing, except lithographic.....	(X)	(under 2)	5.8	2.3	2.2	(under 2)	(under 2)	(X)
2752-	Commercial printing, lithographic.....	(X)	6.6	2.5	(under 2)	5.0	5.3	-	(X)
2753-	Engraving and plate printing.....	(X)	(under 2)	(under 2)	(under 2)	(under 2)	(under 2)	(2-5)	(X)
2761-	Manifold business forms.....	(X)	(under 2)	(2-5)	(under 2)	(under 2)	-	-	(X)
3497-	Metal foil and leaf.....	(X)	2.1	-	-	-	-	-	(X)
3574-	Calculating and accounting machines.....	(X)	-	(over 2)	-	-	-	-	(X)
	Other secondary products.....	(X)	2.1	9.5	1.6	2.6	2.1	-	(X)
	Miscellaneous receipts.....	(X)	41.9	10.2	21.8	6.7	5.4	3.4	(X)
93000	Contract work.....	(X)	19.0	2.3	15.7	(under 2)	-	-	(X)
99989	Resales.....	(X)	22.0	7.7	4.9	4.9	4.1	2.6	(X)
99980	Other miscellaneous receipts.....	(X)	.9	.2	1.2	1.2	1.3	.8	(X)
	Listing of the other industries with over $2 million receipts of the primary products								
2771-	2649 Converted paper products, n.e.c.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	6.9
2771-	2752 Commercial printing, lithographic.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	15.5
2782-	2649 Converted paper products, n.e.c.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	16.9
2782-	2751 Commercial printing, except lithographic...	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3.1
2782-	2752 Commercial printing, lithographic.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	9.6
2782-	3079 Miscellaneous plastics products.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2.5
2789-	2731 Book publishing.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	9.2
2789-	2732 Book printing.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	13.0
2789-	2751 Commercial printing, except lithographic...	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2.1
2789-	2752 Commercial printing, lithographic.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	5.4
2791-	2732 Book printing.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	10.5
2791-	2751 Commercial printing, except lithographic...	(X)	(X)	(X)	(X)	(X)	(X)	(X)	5.0
2791-	2752 Commercial printing, lithographic.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	8.0
2793-	2711 Newspapers.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	7.5
2793-	2751 Commercial printing, except lithographic...	(X)	(X)	(X)	(X)	(X)	(X)	(X)	6.9
2793-	2752 Commercial printing, lithographic.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	4.8

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (million copies sold)	Value (million dollars)	Quantity (million copies sold)	Value (million dollars)
2771- --	GREETING CARDS, TOTAL	(X)	441.4	(X)	310.2
27711 --	Greeting cards, publishers' sales	(X)	381.4	(X)	262.8
27711 11	Christmas cards	2,248	122.8	2,611	104.0
27711 21	Seasonal cards other than Christmas	933	80.2	1,170	55.0
27711 31	Other greeting cards	1,763	176.1	1,604	98.3
27711 00	Greeting cards, n.s.k	(X)	2.3	(NA)	5.4
27712 --	Greeting cards, printed for publication by others	(X)	44.0	(X)	39.9
27712 11	Letterpress process	(X)	15.2	(X)	17.5
27712 51	Lithographic process	(X)	28.3	(X)	20.1
27712 00	Other (including engraving and gravure process)	(X)	0.5	(X)	2.4
27710 00	Greeting cards, receipts, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	11.8	(X)	7.5
27710 02	Greeting cards, receipts, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	4.2		

Product code	Product	Total shipments including interplant transfers (million dollars)	
		1967	1963
2782- --	BLANKBOOKS AND LOOSELEAF BINDERS, TOTAL	362.3	252.0
27821 --	Blankbook making, total	186.8	124.3
27821 11	Columnar, ledger and account books, including record books which are section-sewed and center stitched (also including time books and minature account books)	10.2	10.3
27821 31	Albums and scrapbooks, including record, photograph, and stamp albums, etc	39.4	24.0
27821 35	Diaries and appointment books	5.8	7.5
27821 51	Columnar pads (lithographed, printed, ruled; bound or wirebound)	4.9	18.7
27821 53	Memo books, case-made, sewed or glued to leather, imitation leather, or similar materials	2.3	
27821 55	Miscellaneous blankbooks, including address books, bound roll books, drafts, receipts, and financial notes	17.9	
	Checkbooks, including inserts and refills but excluding those in continuous form and die cut:		
27821 43	Letterpress process	84.8	45.7
27821 45	Lithographic process	18.5	14.4
27821 61	Paper ruling on materials owned by others (pen and disc)	0.9	1.7
27821 00	Blankbook making and paper ruling, n.s.k	2.1	2.0
27822 --	Looseleaf binders and devices, total	153.8	119.6
27822 13	Looseleaf forms, record type	15.7	15.8
27822 21	Looseleaf indexes	5.6	6.1
27822 33	Looseleaf binders, ring and prong-types, including looseleaf memo books	90.1	84.1
27822 35	Post binders, i.e., all types of post binders such as thin post, heavy post, and nylon post	14.0	
27822 39	Other looseleaf binders, including minute and municipality record books and catalog covers	10.2	
27822 71	Looseleaf parts sold separately	13.0	10.8
27822 00	Looseleaf devices, binders, forms, and fillers, n.s.k	5.2	2.7
27820 00	Blankbooks and looseleaf binders, n.s.k..(For companies with 10 or more employees. See note.)	15.2	8.1
27820 02	Blankbooks and looseleaf binders, n.s.k..(For companies with less than 10 employees. See note.)	6.5	
2789- --	BOOKBINDING AND RELATED WORK	337.5	243.2
27891 --	Edition, library and other hard cover bookbinding:		
	Edition, library and trade binding (printing and binding of books by the publisher are included in the book publishing industry, SIC 2731. Printing and binding of books published by others are included in the data for book printing, SIC 2732.)	167.4	109.3
	Edition binding (hardbound):		
27891 13	General trade books	45.3	27.6
27891 15	Textbooks	35.5	20.9
27891 17	Reference books-e.g., encyclopedias, dictionaries, etc	24.8	20.1
27891 19	Other books	13.6	13.1
27891 41	Library binding, including rebinding and prebinding of books for library use, hard cover binding of periodicals and records, and other hard cover binding, except edition	39.5	24.2
27891 00	Edition, library, and other hard cover bookbinding, not reported by kind	8.7	3.3

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Value of receipts (million dollars) 1967	1963
	BOOKBINDING AND RELATED WORK--Continued		
27892 --	Other book and pamphlet binding and related binding work	135.4	117.6
27892 23	Soft cover binding of books (49 or more pages, exclusive of the covers)	16.1	8.8
27892 25	Pamphlet and other soft cover binding	42.8	37.5
27892 61	Mechanical binding (wire, plastic, etc.) of products printed elsewhere	19.2	16.1
27892 91	Receipts for miscellaneous bookbinding work (material printed elsewhere); embossing, varnishing, indexing, mounting, and other service operations related to bookbinding, including sample and color cards	51.8	49.9
27892 00	Other book and pamphlet binding and related binding work not reported by kind	5.5	5.3
27890 00	Bookbinding (books printed elsewhere), n.s.k. (For companies with 10 or more employees. See Note.)	19.9	16.3
27890 02	Bookbinding (books printed elsewhere), n.s.k. (For companies with less than 10 employees. See Note.)	14.8	(X)
2791- --	TYPESETTING		
27910 --	Typesetting	362.1	249.6
27910 11	Hot metal and related typesetting, including all hand and machine typesetting, composition and such other typographic services involving metal and not associated with photographic (film) typesetting or cold (typewriter) typesetting and their related processes	253.6	196.1
27910 13	Photographic typesetting, including phototypesetting, photolettering and such other typographic processes and services which employ photographic equipment and/or photographic materials and techniques	41.7	16.7
27910 15	Cold typesetting, including all nonmetallic, nonphotographic typesetting and composition normally produced by direct-impression of a typewriter mechanism, as well as subsequent associated procedures and related processes	18.7	14.8
27910 00	Typesetting, n.s.k. (For companies with 10 or more employees. See Note)	28.1	22.0
27910 02	Typesetting, n.s.k. (For companies with less than 10 employees. See Note)	20.0	
2793- --	PHOTOENGRAVING		
27930 11	Photoengraving plates made for others	237.1	214.7
2794- --	ELECTROTYPING AND STEREOTYPING, TOTAL	61.4	71.9
	Duplicate plates made for others:		
27940 11	Electrotypes	35.2	47.8
27940 31	Stereotypes	2.4	2.4
27940 51	Matrices	16.0	19.2
27940 00	Electrotyping, stereotyping, and matrices made for others, not reported separately (For companies with 10 or more employees. See Note.)	6.9	2.5
27940 02	Electrotyping, stereotyping, and matrices made for others, not reported separately (For companies with less than 10 employees. See Note)	0.9	(X)

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
GREETING CARDS, PUBLISHERS' SALES (27711)		
United States	381.4	262.8
Northeast Region	106.7	97.5
New England Division	43.5	39.4
New Hampshire	CC	(1)
Vermont	BB	(1)
Massachusetts	26.9	23.3
Rhode Island	BB	(1)
Connecticut	AA	(1)
Middle Atlantic Division	63.2	58.1
New York	52.8	52.0
New Jersey	5.8	3.5
Pennsylvania	4.7	2.6
North Central Region	209.8	158.8
East North Central Division	GG	(D)
Ohio	GG	(1)
Indiana	AA	(D)
Illinois	20.1	17.7
Michigan	AA	(1)
West North Central Division	GG	(D)
Missouri	GG	(1)
Kansas	CC	(1)
South Region	44.8	(D)
South Atlantic Division	BB	(D)
Maryland	BB	(1)
East South Central Division	CC	(D)
Kentucky	CC	(D)
Tennessee	BB	(D)
West South Central Division	FF	(D)
Arkansas	FF	(D)
West Region	20.1	(D)
Pacific Division	EE	(D)
California	EE	4.5
GREETING CARDS, PRINTING ONLY (27712)		
United States	44.0	39.9
Northeast Region	18.7	16.7
New England Division	12.3	6.7
New Hampshire	AA	(D)
Vermont	BB	(D)
Massachusetts	7.7	5.8
Middle Atlantic Division	6.4	10.0
New York	6.0	9.0
North Central Region	21.7	11.8
East North Central Division	9.6	7.5
Ohio	5.5	2.8
Illinois	2.6	4.7
Wisconsin	AA	(D)
West North Central Division	12.2	4.3
Minnesota	BB	(D)
Missouri	BB	(1)
Kansas	CC	(1)
South Region	1.9	(D)
West South Central Division	AA	(D)
Texas	AA	(D)
GREETING CARDS, PRINTING ONLY (27712)—CON.		
West Region	1.8	(D)
Pacific Division	AA	(D)
California	1.7	10.5
BLANKBOOK MAKING (27821)		
United States	186.8	124.3
Northeast Region	82.1	53.5
New England Division	26.5	17.2
Massachusetts	15.0	9.6
Connecticut	EE	(1)
Middle Atlantic Division	55.6	36.3
New York	27.6	20.7
New Jersey	21.6	11.4
Pennsylvania	6.5	4.2
North Central Region	52.1	37.6
East North Central Division	32.6	23.9
Ohio	BB	5.2
Indiana	CC	3.3
Illinois	14.3	11.1
Michigan	EE	(1)
Wisconsin	BB	(1)
West North Central Division	19.5	13.7
Minnesota	CC	(1)
Missouri	BB	3.7
Kansas	CC	(1)
South Region	24.3	16.5
South Atlantic Division	13.9	8.4
Maryland	4.2	4.6
Virginia	AA	(D)
Georgia	CC	(1)
Florida	AA	(D)
East South Central Division	1.5	2.1
West South Central Division	8.9	5.9
Texas	8.3	4.1
West Region	28.3	16.7
Pacific Division	FF	(D)
Washington	BB	(D)
Oregon	AA	(D)
California	23.1	14.0
LOOSELEAF BINDERS AND DEVICES (27822)		
United States	153.8	119.6
Northeast Region	63.5	56.2
New England Division	14.8	15.5
Massachusetts	EE	(1)
Middle Atlantic Division	48.7	40.7
New York	33.4	28.4
New Jersey	10.9	9.0
Pennsylvania	4.4	3.3
North Central Region	70.1	46.9
East North Central Division	46.9	32.8
Ohio	2.5	1.7
Indiana	1.1	(1)
Illinois	32.8	23.1
Michigan	6.8	4.0
Wisconsin	3.7	3.5

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
LOOSELEAF BINDERS AND DEVICES (27822)--CON.		
North Central Region--Con.		
West North Central Division	23.2	14.1
Minnesota	2.6	(1)
Missouri	20.1	11.6
South Region	7.9	5.8
South Atlantic Division	3.1	2.0
Georgia	2.4	(1)
East South Central Division	2.4	1.6
Tennessee	AA	(D)
West South Central Division	2.4	2.2
Texas	1.7	(1)
West Region	12.3	10.6
Pacific Division	EE	(D)
California	10.4	10.1
EDITION, LIBRARY, OTHER HARD-COVER BOOKBINDING (27891)		
United States	167.4	109.3
Northeast Region	59.0	42.5
New England Division	6.8	5.2
Massachusetts	5.7	4.8
Middle Atlantic Division	52.2	37.3
New York	26.6	25.6
New Jersey	17.8	7.1
Pennsylvania	7.8	4.6
North Central Region	84.1	49.8
East North Central Division	69.1	44.8
Ohio	3.8	2.0
Indiana	13.0	7.6
Michigan	4.3	1.5
Wisconsin	1.4	.5
West North Central Division	15.0	4.9
Minnesota	AA	1.2
Missouri	12.7	3.3
South Region	16.9	10.2
South Atlantic Division	10.1	(D)
Maryland	4.6	2.6
North Carolina	AA	(1)
Florida	1.9	(D)
East South Central Division	2.5	(D)
Tennessee	BB	(D)
West South Central Division	4.4	(D)
Texas	3.7	1.7
West Region	7.5	6.8
Mountain Division	1.6	1.8
Utah	1.0	(D)
Pacific Division	5.9	5.0
California	5.0	4.4
OTHER BOOK, PAMPHLET, AND RELATED BINDING WORK (27892)		
United States	135.4	117.6
Northeast Region	70.9	62.9
New England Division	7.1	5.2
Massachusetts	4.3	3.4
Connecticut	2.6	1.5
OTHER BOOK, PAMPHLET, AND RELATED BINDING WORK (27892)--Con.		
Northeast Region--Con.		
Middle Atlantic Division	63.8	57.7
New York	47.6	42.1
New Jersey	4.9	7.2
Pennsylvania	11.3	8.4
North Central Region	39.4	35.4
East North Central Division	31.4	29.3
Ohio	3.0	3.9
Indiana	3.4	2.1
Illinois	19.6	16.9
Michigan	4.5	4.9
West North Central Division	8.1	6.2
Minnesota	AA	(1)
Iowa	AA	(1)
Missouri	3.0	3.1
Kansas	AA	(D)
South Region	15.3	13.6
South Atlantic Division	9.3	8.8
Maryland	3.3	4.2
District of Columbia	1.1	(D)
North Carolina	1.0	(D)
Georgia	BB	1.2
East South Central Division	AA	1.2
Tennessee	AA	(1)
West South Central Division	BB	3.6
Texas	3.7	3.3
West Region	9.7	5.7
Pacific Division	CC	(D)
California	8.3	4.6
ELECTROTYPING AND STEREOTYPING (27940)		
United States	61.4	71.9
Northeast Region	26.2	29.7
New England Division	4.4	6.3
Massachusetts	2.8	2.8
Middle Atlantic Division	21.8	23.4
New York	17.2	16.4
New Jersey	1.7	2.8
Pennsylvania	2.9	4.1
North Central Region	28.4	33.1
East North Central Division	26.5	30.6
Ohio	4.7	4.8
Indiana	1.8	2.1
Illinois	15.8	18.0
Michigan	2.7	4.0
Wisconsin	1.5	1.7
West North Central Division	1.9	2.5
Missouri	1.0	1.2
South Region	5.0	5.4
South Atlantic Division	2.2	2.3
District of Columbia	1.4	1.4
East South Central Division	AA	1.9
Tennessee	AA	(1)
West Region	1.8	3.7
Pacific Division	AA	(D)
California	1.6	3.4

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operation. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2771-	Greeting cards.....Million dollars..	441.4	410.7	367.4	352.1	310.2	276.6	217.5	129.3
27711	Greeting cards, publishers' sales:								
	Quantity.....million copies sold..	4.9	(X)	(X)	(X)	5.4	5.1	4.0	3.0
	Value.....Million dollars..	381.4	372.1	333.5	301.7	262.8	234.0	185.0	107.7
27712	Greeting cards, printed for publication by others.....do..	44.0	(27.0)	(26.5)	43.6	39.9	37.9	31.0	21.6
27710	Greeting cards, n.s.k.....do..	16.0	11.6	7.3	6.8	7.5	4.7	1.5	-
2782-	Blankbooks and looseleaf binders.....do..	362.3	324.2	285.3	286.7	252.0	213.6	135.1	105.1
27821	Blankbook making.....do..	186.8	164.3	143.3	144.0	124.3	118.5	64.7	53.1
27822	Looseleaf binders and devices.....do..	153.8	151.7	133.0	134.3	119.6	95.2	70.5	52.0
27820	Blankbooks and looseleaf binders, n.s.k.....do..	21.7	8.2	8.9	8.3	8.1	-	-	-
2789-	Bookbinding and related work.....do..	337.5	343.9	300.6	247.2	243.2	191.0	139.8	128.6
27891	Edition, library, other hard cover bookbinding.do..	167.4	162.6	134.8	113.3	109.3	83.3	62.8	79.2
27892	Other book and pamphlet binding and related binding work.....do..	135.4	158.6	141.0	117.9	117.6	95.8	62.2	49.4
27890	Bookbinding and related work, n.s.k.....do..	34.7	22.8	24.8	16.1	16.3	11.9	14.8	-
27910	Typesetting.....do..	362.1	315.4	275.4	272.0	249.6	175.5	132.1	81.0
27930	Photoengraving plates made for others.....do..	237.1	230.4	223.2	217.4	214.7	208.5	176.1	133.4
27940	Electrotyping and stereotyping duplicate plates made for others.....do..	61.4	76.7	74.9	72.0	71.9	81.5	84.4	60.9

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufacturers volumes for this period. The figures shown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Total quantity of paper consumed (1,000 short tons)	Delivered cost (million dollars)	Total quantity of paper consumed (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 2771.--GREETING CARD PUBLISHING				
	Materials, parts, and supplies, total	(X)	120.3	(X)	89.4
262131	Coated paper, all types	26.5	11.1	25.7	9.1
262102	Uncoated papers (groundwood, book, bond, writing, ledger, and manifold)	70.2	25.3	46.9	15.8
262150	Bristols, cover, text, and other specialty paper uncoated	e8.0	3.5	10.8	4.0
264200	Purchased envelopes (quantity in millions of envelopes)	4,274.1	10.9	3,211.1	8.1
976000	Materials not specified	(X)	11.4	(X)	15.5
970099	All other materials and components, parts, containers, and supplies consumed	(X)	58.1	(X)	36.8

Code	Material	Delivered cost (million dollars)	
		1967	1963
	INDUSTRY 2782.-BLANKBOOKS AND LOOSELEAF BINDERS		
	Materials, parts, and supplies, total	127.0	87.6
262100	Paper (newsprint, book, bond, cover, coated, tissue, groundwood, ledger, writing, file folder, and tag stock	35.7	33.4
263105	Paperboard, excluding that used for shipping	16.1	7.5
229507	Coated or impregnated woven and nonwoven fabric, except rubberized	6.7	8.5
307918	Plastic film or sheeting	8.4	33.1
331094	Steel, strip, and wire	9.9	
970099	All other materials and components, parts, containers, and supplies consumed including ink, metals, type, etc	36.4	
972000	Materials not specified	13.8	5.1
	INDUSTRY 2789-BOOKBINDING AND RELATED WORK		
	Materials, parts, and supplies, total	66.5	46.4
262100	Paper (newsprint, book, bond, cover, coated, tissue, groundwoods, ledger, writing, file folder, and tag stock	10.2	6.0
263105	Paperboard excluding that used for shipping	6.5	3.6
229507	Coated or impregnated woven and nonwoven fabric, except rubberized	7.1	5.9
976000	Materials not specified	18.1	14.5
970099	All other materials and components, parts, containers, and supplies consumed including ink, metals type, etc	24.6	16.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. e From 10 to 30 percent of this figure was estimated. (Z) Under $50 thousand.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2771	GREETING CARD PUBLISHING										
	ENTIRE INDUSTRY	222	27.6	150.6	16.4	31.3	75.0	372.3	171.9	517.9	14.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	200	25.4	137.7	14.5	27.7	64.8	351.0	162.1	487.4	13.1
27711	GREETING CARDS, PUBLISHERS' SALES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	72	24.0	130.0	13.3	25.5	59.3	336.6	155.4	466.4	11.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	65	23.0	125.4	12.5	24.1	56.2	323.5	147.2	445.1	10.4
27712	GREETING CARDS, PRINTING ONLY										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	22	1.3	11.0	1.1	2.1	8.6	18.2	7.3	25.5	2.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	11	.5	3.3	.4	.8	2.6	5.0	2.8	7.7	1.0
2782	BLANKBOOKS AND LOOSELEAF BINDERS										
	ENTIRE INDUSTRY	444	23.2	130.3	19.4	38.4	94.5	245.4	138.0	381.3	11.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	394	16.7	92.6	14.3	28.3	67.7	172.5	94.3	266.0	9.0
27821	BLANKBOOK MAKING										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	133	12.2	70.1	10.4	21.1	52.8	137.7	64.5	201.5	7.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	105	8.4	49.5	7.2	15.1	37.6	97.9	41.9	139.3	6.1
27822	LOOSELEAF BINDERS AND DEVICES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	105	9.4	52.2	7.6	14.8	36.0	94.2	65.4	158.3	3.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	78	6.1	31.8	5.1	9.7	22.2	54.1	40.5	94.6	2.3
2789	BOOKBINDING AND RELATED WORK										
	ENTIRE INDUSTRY	1 018	30.3	163.9	27.2	50.3	131.0	260.6	80.2	340.6	13.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	919	26.2	141.7	23.7	44.0	113.9	224.7	70.1	294.1	10.4
27891	EDITION, LIBRARY, OTHER HARD-COVER BOOKBINDING										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	144	13.6	70.4	12.2	22.2	56.5	111.7	46.2	159.0	6.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	120	10.9	55.8	9.8	18.3	45.3	89.6	38.7	128.8	4.2
27892	OTHER BOOK, PAMPHLET, AND RELATED BINDING WORK										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	262	11.9	69.9	10.6	20.2	55.5	109.0	24.3	132.0	5.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	225	10.4	61.0	9.3	17.7	48.6	94.4	20.8	114.0	4.5

Note: Detailed figures may not not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

Chemicals and Allied Products

28A Industrial chemicals

28B Plastics materials, synthetic rubber, and manmade fibers

28C Drugs

28D Soap, cleaners, and toilet goods

28E Paints and allied products; gum and wood chemicals

28F Agricultural chemicals

28G Miscellaneous chemical products

This major group includes establishments producing basic chemicals, and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) Basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; and (3) finished chemical products to be used for ultimate consumption, such as drugs, cosmetics, and soaps, or to be used as materials or supplies in other industries, such as paints, fertilizers, and explosives. The mining of natural rock salt and the recovery of sodium, potassium, and boron compounds from natural salts are classified in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferroalloys are classified in Major Group 33. Primary Metal Industries; silicon carbide, in industry 3291, Abrasive Products; and baking powder, other leavening compounds, and starches in Major Group 20, Food and Kindred Products. Establishments primarily engaged in packaging, repacking, and bottling of purchased chemicals and allied products are classified in trade industries.

The industrial classification system provides for separate groupings of plant manufacturing by chemical process products which are essentially (a) raw materials for other industries, and (b) finished consumption goods such as drug preparations, paint, soap, fertilizers, formulated insecticides or cosmetics. While these distinctions may be made for a host of chemical products, they are by no means definitive in the case of a number of such products and of the plants producing them. When such problems arose, the decisions made were based primarily upon the following criteria:

(a) Whether the product produced is a compound or a mixture and/or formulation. In the former case, the product is considered to be a basic chemical while mixtures and formulations have the characteristic of finished consumer goods;

(b) Whether the plant is engaged in activities which result in a product chemically different from the raw materials it uses (prime producers) or whether the resultant product is merely a modified form or grade of the chemical purchased. For example, distinctions are made between plants producing high strength hydrogen peroxide (prime producer) and those making a weak strength product from purchased high strength material; or between plants whose products are shipped to chemical processors and those whose activity is devoted to the preparation of packaged products, destined primarily for household or consumer use.

The classification system not only draws a line of demarcation between chemical processing industries and chemical consuming industries, but also requires in a few areas that distinctions be made among the latter industries. For example, the industry classification system specifies that plants primarily engaged in manufacturing mixed fertilizers from one or more phosphatic fertilizer materials produced in the same establishment be classified in industry 2871, Fertilizers, while plants engaged only in mixing fertilizers be classified in industry 2872, Fertilizers, mixing only.

See the "Introduction" for a description of the conditions under which plants performing some manufacturing may be classified in "business" or "mining." For example, plants producing salt (sodium chloride) by evaporation are classified in manufacturing, and those mining rock salt, in mining. While measures of the volume of merchandising activity (sale of goods bought and resold without further processing) are available (see table 3), there are none indicating the volume of manufacturing performed by establishments classified in Wholesale or Retail Trade. However, the amount is believed to be relatively significant in such fields as Polishes and Sanitation Goods (industry 2842), Fertilizers (industries 2871 and 2872) and Agricultural Chemicals, N.E.C. (industry 2879).

In recent years the Federal Government has expanded its operation in the chemical industries. Following the SIC recommendations, census data since 1947 include information for all government-owned and contractor-operated facilities. The amount of government activity included in industry 2819, Inorganic Chemicals for 1967, may be determined from table 1A, page 28A-9, or table 3, page 28A-15. Also, see text for Industry 2892, Explosives, page 28G-2, for information on government activity included in data for this industry.

TABLE 1. General Statistics: 1967 and Earlier Years

Year and item	Establishments		All employees[1]		Production workers			Value added by manufacture[2]	Cost of materials[3]	Value of shipments[3]	Capital expenditures, new[4]
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1967[5]	12 521	4 878	982.7	7 932.1	541.4	1 086.1	3 555.2	23 550.1	18 821.2	42 148.3	2 936.1
1963[5]	12 575	4 368	853.1	6 013.6	474.1	963.4	2 779.9	17 586.1	14 255.1	31 772.7	1 545.7
1958[5]	11 837	4 029	783.9	4 604.5	453.1	908.4	2 242.1	12 308.0	(NA)	21 026.0	1 243.9
1954[5]	11 074	3 959	795.9	3 782.8	498.7	1 011.0	1 994.2	9 546.9	(NA)	(NA)	926.6
ADMINISTRATIVE AND AUXILIARY UNITS:											
1967	722	530	141.3	1 489.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1963[6]	579	383	115.7	1 043.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958[6]	465	276	85.6	664.0	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954[6]	(NA)	(NA)	62.0	405.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1967	11 799	4 348	841.4	6 443.0	541.4	1 086.1	3 555.2	23 550.1	18 821.2	42 148.3	2 936.1
1963	11 996	3 985	737.4	4 969.8	474.1	963.4	2 779.9	17 586.1	14 255.1	31 772.7	1 545.7
1958	11 372	3 753	698.3	3 940.5	453.1	908.4	2 242.1	12 308.0	(NA)	21 026.0	1 243.9
1954	11 074	3 959	733.9	3 377.0	498.7	1 011.0	1 994.2	9 546.9	(NA)	(NA)	926.6
OPERATING MANUFACTURING ESTABLISHMENTS:											
1966[5,7]	(NA)	(NA)	822.4	6 129.3	528.5	1 077.4	3 400.2	22 655.6	18 516.8	40 780.4	2 898.6
1965[5,7]	(NA)	(NA)	780.3	5 594.4	502.4	1 022.5	3 104.8	20 955.6	16 804.5	37 478.8	2 482.0
1964[5,7]	(NA)	(NA)	749.2	5 244.3	479.9	986.0	2 927.5	19 165.8	15 218.4	34 268.1	1 862.2
1963[5,7]	(NA)	(NA)	727.3	4 755.0	470.1	953.0	2 647.2	16 009.1	13 345.4	29 357.3	1 381.8
1962[5,7]	(NA)	(NA)	712.9	4 523.6	460.4	932.1	2 520.6	14 804.5	12 494.6	27 245.4	1 500.1
1961[5,7]	(NA)	(NA)	725.6	4 421.7	469.6	943.5	2 473.2	14 415.1	(NA)	(NA)	1 285.3
1960[5,7]	(NA)	(NA)	717.7	4 433.4	470.9	949.0	2 409.5	14 335.7	(NA)	(NA)	1 102.7
1959[5,7]	(NA)	(NA)	757.2	4 035.7	505.6	1 018.1	2 322.3	12 372.9	(NA)	(NA)	1 264.4
1958[5,7]	(NA)	(NA)	754.6	3 852.0	514.9	1 040.2	2 266.3	11 894.3	(NA)	(NA)	1 081.7
1955[5,7]	(NA)	(NA)	741.1	3 566.4	507.9	1 027.0	2 116.8	11 107.9	(NA)	(NA)	761.2
1953[5,7]	(NA)	(NA)	768.4	3 400.1	536.1	1 093.8	2 102.6	9 320.3	(NA)	(NA)	944.0
1952[5,7]	11 007	(NA)	739.4	3 116.8	513.3	1 062.5	1 903.6	8 539.3	(NA)	(NA)	1 019.0
1951[5,7]	10 909	(NA)	702.9	2 784.3	497.5	1 028.7	1 733.0	8 164.5	(NA)	(NA)	980.5
1950[5,7]	10 339	(NA)	642.5	2 342.0	456.6	954.8	1 470.8	7 236.6	(NA)	(NA)	603.0
1949[5,7]	(NA)	(NA)	612.0	2 092.1	440.1	921.8	1 319.5	5 847.5	(NA)	(NA)	598.1
1947[8]	10 019	(NA)	626.4	1 898.5	464.1	974.7	1 236.0	5 317.0	(NA)	(NA)	805.0
1939[9]	8 839	(NA)	(NA)	(NA)	275.7	(NA)	342.1	1 818.9	(NA)	(NA)	(NA)
1937	8 337	(NA)	(NA)	(NA)	303.3	(NA)	366.3	1 731.6	(NA)	(NA)	(NA)
1935	8 225	(NA)	(NA)	(NA)	[10]293.5	(NA)	[11]281.5	1 363.0	(NA)	(NA)	(NA)
1933	7 297	(NA)	302.0	305.8	254.0	(NA)	216.8	1 120.6	(NA)	(NA)	(NA)
1931[11]	8 324	(NA)	(NA)	(NA)	248.2	(NA)	259.4	1 358.9	(NA)	(NA)	(NA)
1929	9 327	(NA)	381.6	550.0	307.4	(NA)	352.3	1 737.3	(NA)	(NA)	(NA)
1927[12]	8 594	(NA)	347.8	491.9	278.1	(NA)	319.0	1 473.6	(NA)	(NA)	(NA)
1925[13]	8 160	(NA)	(NA)	(NA)	260.9	(NA)	296.8	1 320.1	(NA)	(NA)	(NA)
1923[14]	8 253	(NA)	340.0	459.3	264.3	(NA)	285.9	1 184.5	(NA)	(NA)	(NA)
1921	8 208	(NA)	278.9	369.1	212.3	(NA)	218.4	833.7	(NA)	(NA)	(NA)
1919	10 688	(NA)	387.9	497.2	293.5	(NA)	306.4	1 197.9	(NA)	(NA)	(NA)
1914	10 698	(NA)	269.2	192.1	207.7	(NA)	106.0	456.9	(NA)	(NA)	(NA)
1909	10 380	(NA)	235.4	143.9	185.0	(NA)	82.0	401.4	(NA)	(NA)	(NA)
1904	8 370	(NA)	191.2	102.5	158.4	(NA)	56.0	286.2	(NA)	(NA)	(NA)
1899[15]	7 669	(NA)	169.9	79.6	143.6	(NA)	50.9	211.8	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1] The figures for 1939 through 1967 include data for employees of manufacturing establishments who are engaged in distribution and construction work. The extent to which data for much employees are included in the figures for earlier years is not known.

[2] For the period 1954 to 1967, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture.

[3] The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

[4] The figures for 1958 to 1967 include expenditures for plants under construction and not yet in operation.

[5] The figures for 1949 to 1967 include data for Government-owned plants operated by private firms for the account of the Federal Government. See text for further explanation.

[6] In addition to data for operating establishments, figures for employment and payroll for manufacturing central administrative offices and auxiliary units are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these units are not available for the years 1955 to 1957, 1959 to 1962, 1964 to 1966, and prior to 1949.

[7] These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

[8] The figures prior to 1939 include data for establishments primarily engaged in manufacture of electrometallurgical products, included from 1939 in the "Primary metal" industries. Valued added by manufacture for 1939, include data for these establishments and on a basis comparable with earlier years, was $1,837.5 million.

[9] The figures for 1899 to 1935 but not for later years, include data for establishments primarily engaged in mining of rock salt or in smelting and refining of aluminum. Value added by manufacture for 1937, including data for these establishments and on a basis comparable with 1935, was $1,759.1 million.

[10] The figures for 1899 to 1935, but not for later years, include data for woods employees of the Gum naval stores industry. Woods employees in 1937 (for which data are not included in the figures) were reported as follows: Production and related workers, 30,880 and wages $8.6 million.

[11] The figures for 1899 to 1931 do not include data for establishments primarily engaged in manufacture of ethyl alcohol, included for these years in the figures for the "Food and kindred products" industries.

[12] The figures for 1899 to 1927 include data for establishments other than petroleum refineries engaged in the manufacture of lubricating oils, which are included for later years in the series for the petroleum and coal products industries.

[13] The figures for 1899 to 1925 include data for establishments primarily engaged in manufacturing of vegetable cooking oils, included for later years in the series for the food and kindred products industries.

[14] The figures for 1899 to 1923, but not for later years, include data for certain establishments primarily engaged in manufacture of rubber cement. Value added by manufacture for 1925, including data for these establishments and on a basis comparable with 1923, was $1,321.2 million.

[15] The figures for 1899 only include data for establishments primarily engaged in manufacture of candles. Value added by manufacture for 1904, including data for these establishments and on a basis comparable with 1899, was $287.2 million.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967										1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
28	CHEMICALS AND ALLIED PRODUCTS	11 799	4 348	841.4	6 443.0	541.4	1 086.1	3 555.2	23 550.1	[2]18 821.2	[2]42 148.3	2 936.1	737.4	17 586.1
	NORTHEAST REGION	3 670	1 321	243.5	1 878.6	153.0	305.6	982.2	6 642.9	4 915.3	11 511.3	498.6	222.6	5 052.9
	NEW ENGLAND DIVISION	765	226	33.4	239.4	21.9	44.4	133.3	820.1	794.9	1 606.8	82.0	30.9	588.9
	MAINE	31	10	1.0	4.8	.7	1.3	2.8	11.1	22.3	32.6	2.1	.6	7.5
	NEW HAMPSHIRE	23	3	.5	3.6	.3	.8	2.1	7.8	9.4	17.3	(D)	.6	7.8
	VERMONT	17	4	.4	2.9	.3	.8	2.2	6.2	6.3	12.5	(D)	.3	4.0
	MASSACHUSETTS	424	131	17.0	125.1	11.5	23.2	71.1	367.1	395.5	761.3	28.0	15.9	272.0
	RHODE ISLAND	86	25	3.0	20.5	1.9	3.8	9.8	49.2	77.5	124.5	9.3	2.5	33.6
	CONNECTICUT	184	53	11.5	82.4	7.1	14.4	45.3	378.8	283.9	658.7	39.6	11.1	265.9
	MIDDLE ATLANTIC DIVISION	2 905	1 095	210.1	1 639.2	131.1	261.2	848.9	5 822.8	4 120.3	9 904.6	416.5	191.7	4 464.0
	NEW YORK	1 204	346	63.4	468.2	40.6	80.4	244.0	1 639.7	1 028.3	2 656.1	105.3	61.4	1 373.6
	NEW JERSEY	1 016	487	97.3	791.1	59.5	120.0	413.1	2 822.1	2 129.8	4 932.3	226.3	84.5	2 103.3
	PENNSYLVANIA	685	262	49.5	379.9	30.9	60.8	191.8	1 361.1	962.2	2 316.2	85.1	45.8	987.2
	NORTH CENTRAL REGION	3 300	1 256	222.7	1 735.9	137.9	274.2	921.3	6 439.4	5 047.3	11 402.6	488.9	191.2	4 635.3
	EAST NORTH CENTRAL DIVISION	2 464	966	176.4	1 394.3	107.7	214.0	731.2	5 042.2	3 929.7	8 915.5	384.3	152.5	3 697.9
	OHIO	695	294	47.7	368.3	29.4	59.2	197.0	1 358.6	1 129.3	2 466.8	111.8	43.3	956.1
	INDIANA	226	95	24.7	214.3	14.3	26.8	100.0	832.9	451.2	1 278.9	66.0	22.2	597.4
	ILLINOIS	884	362	57.4	432.9	33.6	67.8	216.1	1 565.8	1 461.8	3 007.6	117.0	47.5	1 218.5
	MICHIGAN	422	145	37.2	310.2	23.9	47.4	177.7	1 039.6	699.4	1 718.3	78.0	33.6	762.0
	WISCONSIN	237	70	9.5	68.7	6.4	12.8	40.5	257.4	188.0	444.0	11.5	5.9	164.0
	WEST NORTH CENTRAL DIVISION	836	290	46.3	341.6	30.2	60.2	190.1	1 385.1	1 117.6	2 487.0	104.6	38.7	937.5
	MINNESOTA	177	49	6.1	43.3	3.9	7.0	21.0	225.6	164.9	392.1	13.8	5.6	166.6
	IOWA	129	41	5.3	41.0	3.4	7.0	22.2	243.6	185.7	424.6	15.2	4.9	152.2
	MISSOURI	368	138	22.3	164.7	13.6	27.3	85.7	545.8	484.5	1 026.3	47.4	19.6	395.3
	NEBRASKA	49	20	2.3	16.4	1.5	2.9	8.9	91.6	48.3	137.4	4.8	2.1	42.0
	KANSAS	102	40	10.1	75.3	7.7	15.8	51.9	276.3	228.3	498.8	23.3	6.2	179.7
	SOUTH REGION	3 048	1 226	314.9	2 363.8	215.6	436.6	1 420.4	8 885.2	7 422.0	16 232.0	1 818.4	266.8	6 648.2
	SOUTH ATLANTIC DIVISION	1 465	614	160.6	1 141.4	110.6	221.9	680.4	3 890.1	2 999.6	6 869.3	668.6	139.5	3 057.7
	DELAWARE	45	30	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	191	92	17.6	122.0	11.6	23.7	69.2	422.5	351.8	765.2	28.5	14.2	298.2
	DISTRICT OF COLUMBIA	12	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	150	65	40.9	293.2	29.0	57.1	180.1	762.0	534.0	1 299.2	103.3	35.1	609.3
	WEST VIRGINIA	66	38	22.5	183.1	16.4	32.4	122.4	836.3	527.8	1 370.6	148.4	22.6	783.2
	NORTH CAROLINA	227	95	17.7	109.8	12.3	24.6	63.8	370.6	332.8	702.2	99.9	14.6	273.2
	SOUTH CAROLINA	98	41	19.9	142.4	13.2	26.2	74.5	474.6	230.3	701.7	121.7	16.2	342.8
	GEORGIA	271	125	11.7	77.7	7.3	14.9	38.3	308.1	346.5	647.7	55.4	10.8	220.4
	FLORIDA	405	126	20.7	135.1	14.4	30.2	86.6	466.1	496.6	947.8	62.8	18.1	346.9
	EAST SOUTH CENTRAL DIVISION	552	252	82.2	604.8	56.3	114.2	362.1	2 122.8	1 778.5	3 877.7	339.2	63.5	1 420.6
	KENTUCKY	114	53	13.3	108.3	8.6	17.5	64.6	391.6	418.2	804.8	79.7	11.2	273.7
	TENNESSEE	223	104	52.1	384.4	35.7	71.8	228.1	1 155.5	886.4	2 031.2	136.0	39.8	826.8
	ALABAMA	133	64	11.7	80.1	8.0	16.5	48.7	418.2	317.7	734.0	97.9	8.5	216.5
	MISSISSIPPI	82	31	5.2	32.0	3.9	8.5	20.7	157.5	156.2	307.7	25.5	4.0	103.6
	WEST SOUTH CENTRAL DIVISION	1 031	360	72.1	617.5	48.7	100.5	377.9	2 872.3	2 643.9	5 485.0	810.6	63.8	2 169.8
	ARKANSAS	56	18	4.1	29.1	3.2	6.2	20.8	96.9	111.6	205.8	13.4	3.3	71.3
	LOUISIANA	205	75	19.1	167.3	13.6	28.8	108.7	679.5	645.7	1 317.2	392.5	15.6	435.4
	OKLAHOMA	93	13	1.0	6.9	.6	1.4	4.3	19.1	23.1	41.8	2.0	1.3	18.4
	TEXAS	677	254	47.9	414.3	31.3	64.1	244.1	2 076.7	1 863.4	3 920.2	402.8	43.5	1 644.7
	WEST REGION	1 781	545	60.5	465.1	35.0	69.9	232.1	1 582.9	1 436.6	3 002.4	129.9	56.6	1 269.6
	MOUNTAIN DIVISION	266	69	9.7	68.2	5.4	10.8	35.9	244.5	181.1	425.8	36.1	8.0	176.0
	MONTANA	15	4	.3	2.2	.3	.5	1.7	8.2	7.6	16.0	1.2	.3	5.2
	IDAHO	22	7	4.4	30.7	1.9	3.9	14.3	110.7	63.9	178.4	17.1	3.2	75.2
	COLORADO	82	20	1.9	14.5	1.3	2.6	8.4	61.1	49.1	105.2	5.3	1.7	43.9
	NEW MEXICO	23	6	.3	2.2	.2	.4	1.1	4.9	5.2	10.1	.2	.2	2.8
	ARIZONA	55	12	1.0	6.4	.6	1.1	2.8	16.2	20.3	36.2	6.6	.9	16.5
	UTAH	41	11	.9	6.0	.6	1.1	3.4	12.9	15.9	30.4	3.7	.8	9.4
	NEVADA	20	7	.7	5.8	.5	1.1	3.8	24.3	15.2	39.5	(D)	.8	22.3
	PACIFIC DIVISION	1 515	476	50.8	396.9	29.6	59.1	196.2	1 338.4	1 255.4	2 576.6	93.8	48.6	1 093.6
	WASHINGTON	133	42	6.4	55.2	3.5	6.9	25.8	166.0	75.3	240.3	10.2	10.9	238.2
	OREGON	93	31	2.0	14.9	1.2	2.5	7.9	50.8	68.9	117.7	4.2	1.5	34.5
	CALIFORNIA	1 268	397	42.0	324.6	24.6	49.4	161.5	1 116.7	1 098.3	2 202.5	78.1	35.7	809.5
	HAWAII	18	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
281	INDUSTRIAL CHEMICALS	2 032	989	248.3	2 089.8	161.5	328.6	1 228.3	7 736.6	6 435.3	14 080.7	1 421.1	236.7	6 171.2
	NORTHEAST REGION	570	274	61.3	507.8	40.6	81.6	301.6	1 430.8	1 560.6	2 982.6	189.5	57.5	1 162.1
	NEW ENGLAND DIVISION	110	35	5.9	45.4	3.6	7.2	24.3	117.5	157.0	271.4	22.6	5.3	103.3
	MAINE	8	2	.4	2.4	.2	.5	1.2	5.5	10.3	15.1	1.5	.2	2.6
	NEW HAMPSHIRE	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	50	16	1.9	14.5	1.3	2.5	9.0	43.8	46.0	90.5	4.4	2.0	34.0
	RHODE ISLAND	16	8	1.1	7.5	.7	1.4	4.1	19.5	25.2	42.5	7.1	.8	16.4
	CONNECTICUT	31	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	460	239	55.4	462.4	37.0	74.4	277.3	1 313.2	1 403.6	2 711.2	166.9	52.2	1 058.8
	NEW YORK	128	52	14.9	119.5	10.1	20.8	72.5	303.9	288.2	589.1	45.2	14.1	236.1
	NEW JERSEY	211	127	31.6	277.1	21.1	41.6	165.7	785.0	859.4	1 646.1	93.2	30.2	654.2
	PENNSYLVANIA	121	60	8.9	65.8	5.8	12.0	39.0	224.4	255.9	476.0	28.5	7.9	168.5

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
281	INDUSTRIAL CHEMICALS--CONTINUED													
	NORTH CENTRAL REGION	478	238	57.1	478.5	36.3	73.8	275.3	1 569.6	1 305.9	2 841.3	209.2	52.8	1 121.3
	EAST NORTH CENTRAL DIVISION	371	185	45.2	381.7	28.5	57.9	217.7	1 203.6	1 035.0	2 219.2	156.7	42.0	890.1
	OHIO	138	70	16.5	136.5	10.6	21.1	78.5	413.7	326.6	734.9	48.3	15.7	311.8
	INDIANA	38	23	3.2	25.6	2.2	4.4	15.9	130.5	109.7	240.2	20.3	2.9	94.6
	ILLINOIS	105	53	10.1	85.5	6.5	13.7	50.1	290.1	341.4	629.1	47.7	9.9	223.2
	MICHIGAN	61	31	14.6	129.0	8.8	18.0	70.9	356.1	240.9	586.3	35.4	13.1	253.3
	WISCONSIN	29	8	.7	5.1	.4	.7	2.3	13.1	16.4	28.7	5.0	.4	7.2
	WEST NORTH CENTRAL DIVISION	107	53	11.9	96.8	7.8	15.9	57.6	366.0	270.9	622.1	52.5	10.9	231.2
	MINNESOTA	18	3	.4	3.2	.2	.5	1.7	12.1	8.5	20.1	5.9	.4	11.0
	IOWA	13	9	.8	6.9	.5	1.2	3.8	48.7	34.8	79.8	11.0	(D)	(D)
	MISSOURI	35	19	7.3	61.4	4.7	9.3	35.6	162.2	126.6	285.1	19.3	7.1	124.7
	NEBRASKA	9	8	.8	5.9	.6	1.2	4.1	43.1	22.1	62.0	(D)	.6	17.6
	KANSAS	29	14	2.5	19.2	1.9	3.8	12.4	99.5	78.7	174.4	13.4	2.2	56.1
	SOUTH REGION	668	345	109.5	936.3	73.1	149.9	563.4	4 110.7	3 159.5	7 229.0	957.0	103.7	3 349.5
	SOUTH ATLANTIC DIVISION	264	128	38.4	312.7	25.6	51.7	185.8	1 204.3	826.4	2 023.2	216.6	38.1	1 121.1
	DELAWARE	15	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	59.0
	MARYLAND	37	20	3.7	27.8	2.3	4.8	15.5	88.4	90.4	175.0	5.3	3.7	70.1
	VIRGINIA	35	14	5.1	36.5	3.8	7.7	24.4	103.7	108.7	210.1	21.1	5.0	106.3
	WEST VIRGINIA	38	22	13.9	117.6	10.4	20.4	82.4	583.4	341.9	929.9	105.2	14.9	606.0
	NORTH CAROLINA	32	15	1.5	10.4	1.0	1.9	5.1	46.0	48.8	93.1	33.0	1.2	26.6
	SOUTH CAROLINA	15	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	44	19	2.4	18.7	1.4	3.1	9.2	68.2	76.4	142.4	14.1	1.6	46.6
	FLORIDA	47	20	2.2	14.9	1.5	3.4	10.1	65.1	69.8	135.0	8.9	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	126	74	26.6	218.4	17.1	35.1	123.5	858.8	701.7	1 547.5	146.1	24.6	637.1
	KENTUCKY	25	18	5.8	48.2	3.8	7.8	28.6	179.2	194.5	372.1	49.1	4.9	125.9
	TENNESSEE	53	31	16.6	139.1	10.3	21.3	75.5	522.4	346.0	863.0	50.0	16.3	404.0
	ALABAMA	34	20	2.9	21.1	2.1	4.1	13.9	111.3	118.3	227.7	35.6	2.4	75.0
	MISSISSIPPI	14	5	1.3	10.0	.9	1.9	5.4	45.9	42.9	84.7	11.4	1.0	32.1
	WEST SOUTH CENTRAL DIVISION	278	143	44.5	405.2	30.4	63.0	254.0	2 047.6	1 631.4	3 658.3	594.3	41.0	1 591.3
	ARKANSAS	15	9	3.2	24.6	2.5	4.9	18.2	76.3	82.2	156.7	12.3	(Z)	58.8
	LOUISIANA	72	43	13.6	125.1	9.5	20.2	79.7	509.8	445.5	948.8	271.1	10.9	308.0
	OKLAHOMA	14	5	.4	3.1	.3	.6	2.3	7.4	9.8	17.0	1.4	.5	9.3
	TEXAS	177	86	27.2	252.3	18.0	37.3	153.8	1 454.1	1 093.9	2 535.8	309.5	27.1	1 215.3
	WEST REGION	316	132	20.4	167.2	11.6	23.3	88.0	625.5	409.3	1 027.8	65.5	22.6	552.7
	MOUNTAIN DIVISION	75	28	5.7	40.5	2.7	5.5	20.3	161.5	81.1	241.8	17.4	4.5	110.6
	MONTANA	8	3	.3	1.9	.2	.4	1.5	7.4	6.3	14.0	(D)	(D)	(D)
	IDAHO	8	3	3.6	24.9	1.3	2.6	10.4	103.7	34.9	138.9	9.6	(D)	(D)
	COLORADO	17	7	.6	4.6	.4	.9	3.0	14.9	13.9	27.2	3.6	.4	5.9
	ARIZONA	11	3	.3	1.7	.2	.3	1.0	5.9	4.6	10.5	.9	.2	8.7
	UTAH	10	3	.2	1.2	.1	.2	.4	3.3	2.7	5.9	.3	.2	2.2
	NEVADA	9	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	241	104	14.7	126.7	8.8	17.8	67.8	464.1	328.2	786.0	48.0	18.1	442.1
	WASHINGTON	32	14	4.6	42.1	2.5	4.8	19.2	137.4	32.4	168.7	8.6	9.3	212.3
	OREGON	15	6	.8	6.1	.5	1.0	3.5	20.7	16.7	36.9	2.3	.4	12.9
	CALIFORNIA	185	81	9.2	77.7	5.8	11.9	44.6	302.9	277.7	576.3	36.1	8.2	215.4
282	PLASTICS MATERIALS AND SYNTHETICS	771	423	172.3	1 293.3	121.3	243.3	798.2	3 798.6	3 522.0	7 336.8	746.6	144.7	2 865.4
	NORTHEAST REGION	289	156	36.4	279.2	24.4	50.2	162.3	633.4	805.6	1 445.2	88.1	35.4	552.2
	NEW ENGLAND DIVISION	93	50	9.7	73.9	6.8	14.3	44.3	173.4	240.7	412.2	20.3	(D)	(D)
	NEW HAMPSHIRE	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VERMONT	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	59	34	6.6	51.5	4.5	9.6	30.7	108.0	162.6	268.4	12.8	(D)	(D)
	RHODE ISLAND	12	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	16	7	1.6	12.3	1.1	2.4	7.6	42.8	47.6	90.3	5.4	(D)	(D)
	MIDDLE ATLANTIC DIVISION	196	106	26.7	205.2	17.7	35.9	118.1	460.1	564.9	1 032.9	67.7	(D)	(D)
	NEW YORK	65	30	4.5	33.7	3.1	6.5	19.6	77.6	67.7	146.1	11.5	(D)	(D)
	NEW JERSEY	86	47	8.4	68.6	5.0	10.5	36.1	164.2	212.1	374.1	33.7	(D)	(D)
	PENNSYLVANIA	45	29	13.8	102.9	9.6	18.9	62.4	218.3	285.1	512.7	22.5	(D)	(D)
	NORTH CENTRAL REGION	172	83	18.6	149.1	13.4	27.1	95.9	452.6	456.8	903.0	54.7	15.9	310.3
	EAST NORTH CENTRAL DIVISION	150	74	16.0	128.0	11.5	23.4	82.8	385.5	406.6	784.8	51.6	13.4	259.7
	OHIO	47	28	6.6	48.0	5.0	9.8	32.5	144.0	187.7	324.5	26.2	6.1	112.4
	INDIANA	11	6	1.2	8.8	.8	1.9	5.7	27.6	16.4	44.7	1.5	(D)	(D)
	ILLINOIS	48	25	2.4	18.3	1.5	3.2	10.5	56.9	82.6	139.3	10.5	1.2	33.2
	MICHIGAN	28	11	5.1	46.3	3.7	7.3	30.2	139.5	101.2	240.6	12.2	(D)	(D)
	WISCONSIN	16	4	.8	6.7	.5	1.2	3.9	17.4	18.6	35.7	1.3	.6	10.9
	WEST NORTH CENTRAL DIVISION	22	9	2.5	21.1	1.9	3.7	13.0	67.1	50.2	118.1	3.0	2.5	50.6
	MINNESOTA	9	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IOWA	3	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	3	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
282	PLASTICS MATERIALS AND SYNTHETICS--CONTINUED													
	SOUTH REGION	196	136	113.5	833.9	81.2	161.5	524.4	2 610.6	2 104.6	4 732.5	593.5	90.6	1 921.4
	SOUTH ATLANTIC DIVISION	100	73	70.9	497.4	51.1	101.2	313.9	1 535.0	961.0	2 514.9	337.4	59.4	1 183.4
	DELAWARE	13	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.9	109.7
	MARYLAND	9	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	13	12	24.5	179.1	17.5	34.1	112.0	486.2	301.7	795.5	71.4	21.9	395.4
	WEST VIRGINIA	9	9	7.2	55.7	4.8	9.8	33.3	200.4	157.6	359.8	31.0	6.9	161.2
	NORTH CAROLINA	17	12	11.1	70.4	8.2	16.5	45.9	216.1	161.8	381.2	56.1	8.7	161.3
	SOUTH CAROLINA	14	11	9.8	62.4	7.3	14.4	39.2	235.2	119.5	355.7	115.1	5.6	141.4
	GEORGIA	12	8	1.1	7.3	.7	1.6	4.2	20.9	15.1	37.1	24.6	(D)	(D)
	FLORIDA	13	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	41	31	31.2	235.5	22.2	44.0	147.3	690.2	584.4	1 273.7	129.2	23.6	491.9
	KENTUCKY	7	6	4.5	40.1	3.1	6.3	26.4	146.4	135.9	279.8	(D)	4.0	102.8
	TENNESSEE	20	15	21.8	161.2	15.8	30.9	101.2	391.6	340.2	729.2	79.5	16.6	300.8
	ALABAMA	8	7	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSISSIPPI	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	55	32	11.4	101.1	7.9	16.3	63.3	385.4	559.1	943.0	126.9	7.6	246.1
	LOUISIANA	14	8	2.4	21.5	1.8	3.8	14.7	95.9	114.0	211.3	54.3	2.2	70.6
	TEXAS	35	24	9.0	79.4	6.1	12.5	48.5	288.7	444.0	729.7	72.6	5.4	175.0
	WEST REGION	114	48	3.9	31.3	2.3	4.5	15.5	102.0	155.1	256.2	10.4	2.9	83.6
	PACIFIC DIVISION	107	47	3.9	31.0	2.2	4.4	15.3	101.4	154.4	255.0	10.4	(D)	(D)
	WASHINGTON	5	2	.2	1.4	.1	.1	.5	1.9	6.5	8.4	.2	.3	7.8
	OREGON	8	5	.2	1.2	.1	.2	.7	7.7	21.2	28.8	.4	(D)	(D)
	CALIFORNIA	94	40	3.6	28.3	2.1	4.1	14.1	91.8	126.7	217.7	9.8	2.5	72.6
283	DRUGS	1 129	407	117.9	942.3	65.6	128.2	405.1	4 072.9	1 276.2	5 301.6	217.9	99.0	2 807.3
	NORTHEAST REGION	407	164	57.9	476.7	32.6	65.2	208.1	2 323.3	677.9	2 984.5	116.3	48.8	1 595.6
	NEW ENGLAND DIVISION[e]	56	15	3.8	24.9	2.6	5.4	17.6	66.4	51.4	118.9	14.3	3.4	60.9
	MASSACHUSETTS	31	8	.9	5.4	.6	1.1	2.6	16.8	5.9	22.8	.8	.8	12.6
	CONNECTICUT[e]	14	7	2.9	19.2	2.0	4.2	14.9	48.8	45.2	95.0	13.5	2.5	47.6
	MIDDLE ATLANTIC DIVISION	351	149	54.1	451.8	30.0	59.8	190.5	2 256.9	626.5	2 865.6	102.0	45.4	1 534.7
	NEW YORK	165	61	20.3	157.7	12.2	23.8	74.4	694.0	225.9	914.8	31.6	18.0	569.6
	NEW JERSEY	105	55	21.7	185.3	11.0	23.2	73.4	921.6	258.9	1 171.2	54.0	16.5	539.6
	PENNSYLVANIA	81	33	12.2	108.8	6.8	12.9	42.6	641.3	141.7	779.5	16.5	10.9	425.5
	NORTH CENTRAL REGION	341	130	40.8	336.1	21.8	40.6	142.5	1 243.0	389.1	1 617.6	70.7	36.4	941.0
	EAST NORTH CENTRAL DIVISION	227	86	35.0	296.8	18.5	34.2	126.0	1 076.7	294.3	1 357.2	61.0	30.8	837.6
	OHIO	48	15	3.2	25.1	1.0	1.9	5.4	67.2	24.2	91.1	4.8	(D)	(D)
	INDIANA[e]	29	10	13.0	123.1	6.7	11.7	48.7	420.8	91.6	509.2	21.4	11.7	312.3
	ILLINOIS	91	37	10.5	80.5	4.9	9.6	29.2	283.8	87.6	368.3	14.4	8.8	234.3
	MICHIGAN	40	16	7.5	62.4	5.5	10.2	40.8	290.8	86.6	370.5	20.0	6.9	233.9
	WISCONSIN	19	8	.8	5.6	.4	.7	1.9	14.1	4.2	18.1	.4	.7	11.2
	WEST NORTH CENTRAL DIVISION	114	44	5.8	39.3	3.3	6.4	16.5	166.3	94.9	260.5	9.7	5.6	103.4
	MINNESOTA	21	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.3
	IOWA	16	3	.8	6.2	.4	.7	1.9	19.4	8.1	27.0	.6	.9	15.3
	MISSOURI	54	26	3.4	22.5	2.0	4.1	10.7	107.0	69.4	176.8	3.9	3.3	67.0
	NEBRASKA	11	7	.9	6.7	.5	1.0	2.5	30.3	9.8	39.3	1.2	(D)	(D)
	KANSAS	11	4	.4	2.8	.2	.5	1.1	6.9	5.3	12.4	4.0	.2	2.4
	SOUTH REGION	220	67	13.0	84.4	7.8	15.6	35.9	392.1	148.9	533.1	21.7	9.5	219.8
	SOUTH ATLANTIC DIVISION	115	36	7.7	51.5	4.6	9.2	22.4	265.9	91.0	350.1	16.9	(D)	(D)
	MARYLAND	23	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	21.1
	VIRGINIA	16	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	52.4
	WEST VIRGINIA	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	15	6	.7	4.2	.5	.9	2.0	44.2	9.5	51.6	5.1	.8	36.6
	SOUTH CAROLINA	6	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	14	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	FLORIDA	32	5	.7	4.1	.5	.9	2.0	11.1	4.0	14.7	.8	.5	5.8
	EAST SOUTH CENTRAL DIVISION	41	15	3.9	22.8	2.5	5.2	11.0	101.7	44.4	144.9	3.6	3.0	69.0
	TENNESSEE	22	11	2.7	17.2	1.6	3.1	6.9	73.8	25.3	98.7	2.0	2.3	53.2
	MISSISSIPPI	8	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	64	16	1.4	10.1	.6	1.2	2.5	24.5	13.4	38.1	1.2	(D)	(D)
	TEXAS	43	15	1.3	9.3	.5	1.0	2.2	22.6	9.8	32.6	1.1	1.2	15.8
	WEST REGION	161	46	6.2	45.1	3.5	6.8	18.5	114.6	60.3	166.4	9.1	4.3	51.3
	MOUNTAIN DIVISION	20	3	.2	1.4	.2	.3	.9	3.8	3.3	7.3	(D)	.2	3.3
	COLORADO	10	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	141	43	5.9	43.7	3.3	6.5	17.6	110.8	57.0	159.1	(D)	4.1	47.9
	OREGON	7	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.0
	CALIFORNIA	121	39	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.7	44.5

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
284	SOAP, CLEANERS AND TOILET GOODS. . .	2 508	674	96.9	683.8	61.3	119.2	347.4	3 929.9	2 622.4	6 511.2	125.2	85.6	2 866.4
	NORTHEAST REGION	949	260	41.8	281.8	26.7	51.4	140.4	1 416.5	890.2	2 291.2	52.1	38.4	1 080.8
	NEW ENGLAND DIVISION	198	44	6.1	40.5	3.9	7.5	19.7	334.9	179.5	510.3	15.6	6.4	211.3
	MAINE.	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS.	108	23	2.5	18.6	1.5	3.0	8.7	112.9	80.0	192.6	(D)	2.8	86.7
	RHODE ISLAND	24	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.7
	CONNECTICUT.	56	13	3.0	17.7	2.0	3.8	9.3	212.5	85.4	294.3	(D)	3.4	121.1
	MIDDLE ATLANTIC DIVISION	751	216	35.8	241.3	22.8	43.9	120.7	1 081.6	710.8	1 780.9	36.5	32.0	869.5
	NEW YORK	392	91	14.3	90.8	9.5	18.0	45.6	394.5	245.6	636.2	11.3	13.2	322.3
	NEW JERSEY	214	90	18.0	129.9	11.2	21.8	65.1	594.6	398.0	987.1	23.0	15.9	499.9
	PENNSYLVANIA	145	35	3.5	20.5	2.2	4.1	10.1	92.5	67.2	157.6	2.3	2.9	47.3
	NORTH CENTRAL REGION	709	214	34.1	250.9	22.1	43.1	134.1	1 729.7	1 148.0	2 859.9	42.6	29.1	1 234.5
	EAST NORTH CENTRAL DIVISION. . . .	519	158	24.8	185.1	15.8	31.0	97.2	1 275.9	839.0	2 102.1	29.6	21.3	909.9
	OHIO	124	45	6.3	51.3	4.1	8.3	27.9	418.3	237.0	650.0	15.4	5.4	258.3
	INDIANA.	35	10	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.3	122.1
	ILLINOIS	208	68	11.1	76.8	7.2	13.8	39.5	496.9	384.5	878.1	7.4	9.4	408.2
	MICHIGAN	88	18	2.1	13.5	1.2	2.4	6.3	71.9	44.6	114.4	2.0	1.6	33.7
	WISCONSIN.	64	17	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	86.1
	WEST NORTH CENTRAL DIVISION. . . .	190	56	9.3	65.8	6.3	12.1	36.9	453.8	309.0	757.8	13.0	7.9	324.6
	MINNESOTA.	49	13	2.1	13.9	1.4	2.4	6.7	101.8	68.9	169.3	1.7	1.9	80.2
	IOWA	29	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	88	28	4.4	29.9	3.0	5.9	16.9	149.8	114.6	262.8	6.4	3.4	100.5
	NEBRASKA	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	18	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	491	112	11.3	80.0	6.8	13.8	38.7	442.4	326.6	763.4	16.7	9.5	300.7
	SOUTH ATLANTIC DIVISION.	248	73	8.2	61.0	4.9	10.2	29.4	308.7	237.7	540.9	12.4	6.8	217.1
	DELAWARE	3	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	30	15	3.2	25.8	2.1	4.5	14.9	149.0	103.5	250.7	6.0	2.9	131.3
	NORTH CAROLINA	48	17	.8	5.9	.4	.8	1.9	16.8	16.6	33.3	1.0	.6	6.9
	SOUTH CAROLINA	17	5	.6	4.8	.4	.8	1.5	11.9	18.2	30.0	.5	.4	6.4
	GEORGIA.	38	23	2.0	14.7	1.0	2.1	5.4	91.8	69.3	159.1	3.3	1.6	45.9
	FLORIDA.	82	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	5.9
	EAST SOUTH CENTRAL DIVISION. . . .	80	16	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	27.7
	TENNESSEE.	50	12	1.1	5.6	.6	1.1	2.4	36.3	21.8	58.4	1.0	.8	22.6
	MISSISSIPPI.	12	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION. . . .	163	23	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	55.9
	LOUISIANA.	28	3	.2	.9	.1	.2	.5	5.4	3.8	9.3	(D)	.2	5.6
	TEXAS.	112	19	1.5	10.8	1.0	2.0	5.6	80.4	56.4	136.2	(D)	1.4	49.5
	WEST REGION.	359	88	9.8	71.0	5.7	11.0	34.2	341.4	257.5	596.7	13.8	8.6	251.1
	MOUNTAIN DIVISION.	35	1	.2	1.3	.1	.2	.5	6.8	2.8	9.4	(D)	(D)	(D)
	PACIFIC DIVISION	324	87	9.6	69.7	5.5	10.8	33.7	334.6	254.7	587.4	(D)	(D)	(D)
	WASHINGTON	15	4	.2	1.0	.1	.2	.4	2.8	2.3	5.1	(Z)	.1	1.3
	CALIFORNIA	292	79	9.2	67.5	5.4	10.4	32.8	328.1	250.7	576.9	(D)	8.1	243.7
285	PAINTS AND ALLIED PRODUCTS	1 701	680	66.1	492.0	36.3	73.1	223.4	1 318.5	1 606.4	2 911.4	70.7	61.3	1 111.7
	NORTHEAST REGION	543	195	18.1	134.1	10.5	20.7	64.4	354.1	411.6	762.2	14.8	17.7	310.1
	NEW ENGLAND DIVISION	98	30	2.1	15.3	1.2	2.4	6.9	38.0	43.0	80.3	.9	2.3	36.1
	MASSACHUSETTS.	67	23	1.6	11.1	1.0	1.9	5.5	29.1	31.6	60.2	.7	1.7	28.4
	RHODE ISLAND	7	2	.2	1.3	.1	.2	.4	2.6	4.0	6.8	.1	.3	3.0
	CONNECTICUT.	17	4	.3	2.3	.1	.3	.7	5.1	5.4	10.2	.1	(D)	(D)
	MIDDLE ATLANTIC DIVISION	445	165	15.9	118.7	9.2	18.3	57.5	316.2	368.6	682.0	13.9	15.4	274.0
	NEW YORK	179	48	3.9	27.2	2.2	4.4	12.3	72.3	82.3	153.4	2.0	3.7	59.5
	NEW JERSEY	184	81	7.6	57.6	4.6	9.2	30.3	168.5	197.4	363.3	7.9	7.0	139.2
	PENNSYLVANIA	82	36	4.4	33.9	2.4	4.6	14.9	75.4	89.0	165.3	4.1	4.7	75.3
	NORTH CENTRAL REGION	509	232	27.3	208.0	15.1	30.6	94.4	546.4	671.1	1 209.4	26.1	25.6	462.2
	EAST NORTH CENTRAL DIVISION. . . .	402	183	22.7	174.1	12.5	25.4	79.2	461.3	565.7	1 020.3	21.4	21.8	387.0
	OHIO	113	55	7.3	54.7	3.8	7.7	23.5	140.8	157.1	296.3	6.6	6.2	102.0
	INDIANA.	35	15	1.5	12.4	.7	1.5	4.4	26.7	27.7	54.2	(D)	1.5	20.6
	ILLINOIS	154	77	9.2	68.8	5.4	11.0	33.7	190.1	249.2	435.5	8.3	9.1	158.9
	MICHIGAN	69	28	3.9	31.2	2.2	4.3	15.0	87.3	112.3	198.4	(D)	3.8	82.0
	WISCONSIN.	31	8	.9	7.0	.4	.9	2.7	16.3	19.4	35.8	.6	1.1	23.4
	WEST NORTH CENTRAL DIVISION. . . .	107	49	4.6	33.9	2.6	5.2	15.2	85.1	105.3	189.1	4.7	3.8	75.2
	MINNESOTA.	22	9	.6	4.7	.3	.7	1.9	9.1	15.1	23.7	.5	.6	8.0
	IOWA	11	6	.5	4.0	.4	.7	2.3	24.1	22.4	46.1	.6	.5	18.8
	MISSOURI	64	31	3.2	23.8	1.7	3.5	10.2	48.8	62.9	111.2	3.5	2.5	46.1
	KANSAS	8	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	341	145	12.1	83.3	6.0	12.2	32.9	243.0	293.2	532.6	21.4	10.0	197.3
	SOUTH ATLANTIC DIVISION.	175	70	5.6	37.8	2.6	5.3	13.1	97.8	122.8	218.2	14.0	4.4	84.1
	MARYLAND	29	17	1.5	10.8	.7	1.4	3.5	25.1	28.2	53.2	.6	1.3	18.5
	VIRGINIA	17	7	.4	2.9	.2	.5	1.1	6.8	10.1	16.8	(D)	.4	5.0
	NORTH CAROLINA	21	10	.7	5.4	.4	.8	2.0	14.4	20.3	34.3	1.5	.7	9.3
	SOUTH CAROLINA	5	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.0
	GEORGIA.	32	19	1.2	8.7	.6	1.2	3.1	28.1	35.8	62.1	5.8	.9	27.8
	FLORIDA.	63	12	1.3	7.1	.5	1.0	2.2	16.8	21.3	37.8	.2	.8	21.0

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
285	PAINTS AND ALLIED PRODUCTS --CON.													
	EAST SOUTH CENTRAL DIVISION	54	28	3.0	21.2	1.5	3.2	9.4	63.6	71.8	135.3	4.0	2.5	49.6
	KENTUCKY	22	16	2.1	15.8	1.0	2.3	7.2	52.7	56.3	108.8	3.8	1.6	34.9
	TENNESSEE	19	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA	10	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.8
	WEST SOUTH CENTRAL DIVISION	112	47	3.5	24.3	1.9	3.6	10.4	81.6	98.7	179.2	3.4	3.1	63.6
	LOUISIANA[e]	14	4	.3	1.7	.2	.3	.9	4.9	7.1	11.9	.5	.2	5.3
	OKLAHOMA	13	2	.2	1.1	.1	.2	.6	4.0	4.1	7.9	(D)	.2	2.3
	TEXAS	79	40	3.0	21.0	1.5	2.9	8.7	71.7	86.0	156.9	2.8	2.6	54.6
	WEST REGION	308	108	8.7	66.6	4.8	9.7	31.7	175.0	230.6	407.1	8.3	7.9	142.0
	MOUNTAIN DIVISION	26	8	.6	3.7	.3	.5	1.5	8.0	10.0	18.1	.2	.5	5.3
	COLORADO[e]	11	5	.3	2.0	.1	.3	.7	5.0	6.3	11.4	.1	.3	3.2
	PACIFIC DIVISION	282	100	8.1	62.9	4.5	9.1	30.2	167.0	220.6	389.1	8.1	7.5	136.7
	WASHINGTON	27	10	.6	4.6	.4	.7	2.2	12.1	14.1	26.2	.6	.4	7.3
	OREGON	20	8	.4	2.6	.2	.4	1.2	5.1	8.0	13.0	.4	.3	5.0
	CALIFORNIA	235	82	7.2	55.7	4.0	8.0	26.8	149.9	198.5	349.8	7.1	6.7	124.4
286	GUM AND WOOD CHEMICALS	184	42	5.9	33.5	4.6	9.0	23.1	100.8	115.3	215.9	20.6	6.8	100.3
	NORTHEAST REGION	34	6	.4	2.3	.3	.6	1.3	4.4	6.2	10.5	.3	.4	3.8
	MIDDLE ATLANTIC DIVISION	26	6	.3	2.0	.3	.5	1.2	3.7	4.9	8.6	.2	(D)	(D)
	NEW YORK	14	3	.2	1.2	.1	.3	.7	2.7	3.0	5.8	.2	.1	1.0
	NORTH CENTRAL REGION	49	7	.9	4.2	.8	1.6	3.3	8.9	11.0	20.0	1.6	.9	7.4
	EAST NORTH CENTRAL DIVISION	16	3	.5	2.5	.4	.9	1.9	3.3	4.1	7.3	.1	.5	4.0
	MICHIGAN	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST NORTH CENTRAL DIVISION	33	4	.4	1.8	.4	.8	1.4	5.6	7.0	12.7	1.5	.4	3.3
	MISSOURI	30	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	91	27	4.5	26.5	3.5	6.6	18.0	86.1	96.6	182.6	17.4	5.4	88.9
	SOUTH ATLANTIC DIVISION	38	13	2.3	14.7	1.7	3.3	9.7	49.7	54.2	103.4	8.6	2.6	51.4
	WEST VIRGINIA	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	14	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	34.8
	FLORIDA	15	8	1.1	7.3	.7	1.6	4.5	18.7	21.9	41.0	6.3	1.2	13.1
	EAST SOUTH CENTRAL DIVISION	25	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	24.8
	KENTUCKY	4	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA	9	3	.2	1.1	.1	.3	.7	2.8	7.0	10.7	.1	.3	4.1
	MISSISSIPPI	7	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	28	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	12.6
	LOUISIANA	9	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	9.2
	TEXAS[e]	16	2	.2	.7	.2	.3	.5	1.5	1.5	3.0	.2	.1	.8
287	AGRICULTURAL CHEMICALS	1 278	509	45.7	280.5	31.0	63.6	162.6	1 005.8	1 780.2	2 745.0	205.1	42.8	626.3
	NORTHEAST REGION	158	59	4.5	28.5	2.7	5.5	14.1	80.8	145.9	221.6	5.8	4.3	49.6
	NEW ENGLAND DIVISION	34	10	.6	2.7	.4	.8	1.7	5.2	20.6	27.0	.8	.7	7.2
	MAINE	9	4	.3	1.0	.1	.3	.6	1.9	7.0	8.9	.5	.3	2.5
	MIDDLE ATLANTIC DIVISION	124	49	3.9	25.8	2.4	4.7	12.4	75.6	125.4	194.6	5.0	3.5	42.4
	NEW YORK	38	12	.9	5.8	.5	1.0	2.3	11.7	32.0	43.7	.6	.8	12.0
	NEW JERSEY	31	21	1.5	9.6	.9	1.8	5.2	35.2	47.3	82.1	2.6	1.4	15.2
	PENNSYLVANIA	55	16	1.5	10.3	1.0	1.9	4.9	28.7	46.2	68.7	1.8	1.3	15.2
	NORTH CENTRAL REGION	374	133	10.7	66.4	6.9	13.8	37.1	220.5	510.7	726.6	31.5	9.9	143.9
	EAST NORTH CENTRAL DIVISION	241	92	7.2	43.3	4.8	9.5	25.4	145.6	323.0	462.9	25.0	6.5	94.2
	OHIO	67	29	2.1	11.9	1.4	3.0	7.5	50.3	89.1	138.5	1.8	2.2	33.4
	INDIANA	45	20	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	12.2
	ILLINOIS	68	24	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	32.5
	MICHIGAN	31	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	10.2
	WISCONSIN	30	10	.5	2.8	.3	.6	1.6	6.9	20.3	27.6	.8	.5	5.9
	WEST NORTH CENTRAL DIVISION	133	41	3.5	23.1	2.1	4.3	11.6	74.9	187.7	263.7	6.5	3.4	49.7
	MINNESOTA	30	8	.5	3.3	.3	.6	1.8	9.1	29.9	37.4	2.0	.6	7.1
	IOWA	42	14	1.0	6.3	.7	1.5	4.1	20.3	57.0	77.4	1.2	.8	10.9
	MISSOURI	31	12	1.5	10.8	.8	1.5	4.1	31.8	68.9	102.6	2.9	1.3	23.6
	NEBRASKA	13	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	13	4	.3	1.5	.2	.4	.9	5.0	17.3	22.0	.3	.4	4.4
	SOUTH REGION	581	272	25.4	147.5	18.3	38.1	92.5	600.5	923.1	1 492.7	155.6	23.7	336.4
	SOUTH ATLANTIC DIVISION	333	175	16.3	90.9	11.7	24.5	57.7	301.4	569.4	854.5	49.2	15.8	182.9
	MARYLAND	29	16	1.3	7.7	.9	1.7	5.0	19.5	44.9	63.4	2.2	1.5	14.0
	VIRGINIA	28	20	1.4	7.0	1.1	2.3	4.9	17.7	36.0	54.0	1.3	(D)	(D)
	NORTH CAROLINA	59	27	1.9	8.2	1.2	2.4	4.5	20.0	62.4	82.1	2.3	2.0	22.8
	SOUTH CAROLINA	31	13	1.2	5.1	.9	1.9	3.3	16.2	36.9	52.0	1.2	1.3	12.2
	GEORGIA	80	36	2.5	11.3	1.8	3.7	6.6	25.9	76.1	100.8	3.5	2.9	21.3
	FLORIDA	100	60	8.0	51.0	5.7	12.4	33.2	201.3	309.7	497.6	38.5	6.3	93.5

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
287	AGRICULTURAL CHEMICALS--CONTINUED													
	EAST SOUTH CENTRAL DIVISION	121	54	5.4	32.1	4.0	8.4	20.3	208.9	191.2	391.9	42.8	4.5	87.3
	KENTUCKY	26	9	.4	2.1	.3	.6	1.1	3.8	18.1	22.2	.5	.5	5.7
	TENNESSEE	24	15	1.2	7.0	.8	1.6	4.0	19.2	45.8	62.8	(D)	1.1	12.5
	ALABAMA	43	19	2.7	16.9	2.0	4.2	10.9	141.0	76.5	213.0	(D)	2.0	42.8
	MISSISSIPPI	28	11	1.1	6.1	.9	2.0	4.2	44.8	50.8	93.9	3.2	.9	26.4
	WEST SOUTH CENTRAL DIVISION	127	43	3.8	24.5	2.6	5.1	14.5	90.2	162.5	246.3	63.6	3.4	66.1
	ARKANSAS	19	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.3
	LOUISIANA	23	6	.6	4.7	.4	.9	2.5	12.7	34.4	43.7	54.1	.4	6.0
	TEXAS	76	31	2.6	17.3	1.8	3.5	10.5	66.6	102.2	166.5	8.5	2.3	53.9
	WEST REGION	165	45	5.1	38.1	3.1	6.2	19.0	103.9	200.4	304.2	12.2	4.7	96.5
	MOUNTAIN DIVISION	47	16	2.0	14.1	1.3	2.7	8.1	46.7	66.8	114.8	9.3	1.7	41.1
	IDAHO	10	4	.8	5.7	.6	1.2	3.9	6.9	28.8	39.2	(D)	(D)	(D)
	COLORADO	12	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA[e]	15	6	.3	1.9	.2	.3	.5	5.3	9.1	13.9	.2	.3	3.5
	UTAH	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	118	29	3.1	24.1	1.8	3.5	11.0	57.2	133.7	189.4	2.9	3.1	55.4
	WASHINGTON	17	4	.2	1.7	.1	.3	.9	3.4	9.3	12.4	.1	.2	2.8
	CALIFORNIA	91	22	2.6	20.3	1.5	3.0	9.1	48.8	105.6	155.1	2.5	2.4	39.9
289	MISCELLANEOUS CHEMICAL PRODUCTS	2 196	624	88.3	627.8	59.8	121.1	367.1	1 587.1	1 463.4	3 045.6	128.7	60.6	1 035.5
	NORTHEAST REGION	720	207	23.1	168.3	15.2	30.4	89.9	399.6	417.3	813.4	31.7	20.1	298.8
	NEW ENGLAND DIVISION	168	42	5.1	36.3	3.4	6.6	18.6	84.1	101.5	184.7	7.3	3.4	47.9
	MASSACHUSETTS	92	23	3.5	22.9	2.5	5.0	14.1	54.7	59.9	114.8	6.0	2.3	33.4
	RHODE ISLAND	18	3	.2	1.3	.1	.2	.6	3.4	12.2	15.4	.4	.1	1.3
	CONNECTICUT	40	13	1.3	11.1	.6	1.2	3.5	24.0	27.8	51.0	.9	.9	11.7
	MIDDLE ATLANTIC DIVISION	552	165	17.9	132.0	11.8	23.8	71.3	315.5	315.8	628.7	24.4	16.7	250.8
	NEW YORK	223	49	4.5	32.3	2.9	5.7	16.6	83.1	83.7	166.8	2.9	(D)	(D)
	NEW JERSEY	182	66	8.4	62.7	5.8	12.0	37.2	152.9	156.1	307.6	12.0	(D)	(D)
	PENNSYLVANIA	147	50	5.0	37.0	3.1	6.1	17.5	79.6	76.0	154.3	9.5	5.1	68.1
	NORTH CENTRAL REGION	668	219	33.3	242.6	21.5	43.5	138.7	668.8	554.7	1 224.8	52.5	20.6	413.6
	EAST NORTH CENTRAL DIVISION	538	185	25.0	182.8	15.6	31.8	100.8	502.4	462.1	961.6	38.9	16.4	314.1
	OHIO	153	51	5.6	40.6	3.5	7.2	21.5	123.4	107.4	230.5	8.6	4.8	91.7
	INDIANA	33	11	.9	6.2	.6	1.2	4.0	22.4	22.1	44.2	(D)	1.0	19.0
	ILLINOIS	206	77	11.7	87.4	6.5	13.5	45.1	214.9	206.9	418.9	14.9	6.9	124.7
	MICHIGAN	101	31	3.0	22.2	1.9	3.8	11.2	80.5	83.0	164.0	(D)	2.5	59.8
	WISCONSIN	45	15	3.8	26.4	3.0	6.1	19.1	61.2	42.8	104.0	1.9	1.1	19.0
	WEST NORTH CENTRAL DIVISION	130	34	8.3	59.8	5.9	11.7	37.8	166.4	92.6	263.2	13.6	4.3	99.5
	MINNESOTA	27	7	1.8	13.3	1.1	1.9	6.6	81.9	32.2	119.7	(D)	1.6	52.7
	MISSOURI	59	16	1.8	13.8	1.0	2.0	6.5	38.4	29.0	66.7	9.9	1.6	29.4
	KANSAS	18	9	4.5	31.4	3.6	7.6	24.0	43.0	27.8	70.5	.3	1.0	16.0
	SOUTH REGION	460	122	25.7	171.7	19.1	39.0	113.7	399.8	369.5	766.2	35.2	14.3	232.8
	SOUTH ATLANTIC DIVISION	192	46	11.3	75.4	8.3	16.4	47.5	127.3	137.1	263.2	13.5	7.1	83.8
	MARYLAND	33	11	1.4	9.8	.9	1.9	5.3	23.3	20.8	44.0	1.4	(D)	(D)
	VIRGINIA	17	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	6	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	33	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	9.1
	SOUTH CAROLINA	8	3	.2	1.0	.1	.2	.5	2.1	6.6	8.5	.2	.1	3.1
	GEORGIA	37	12	.9	6.7	.5	1.1	3.1	22.9	35.0	57.7	.9	.8	19.3
	FLORIDA	53	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	64	25	9.4	59.6	7.1	14.7	42.0	125.6	126.0	251.0	4.2	2.5	31.6
	TENNESSEE	30	13	8.2	51.2	6.2	13.0	36.6	105.2	98.5	203.2	1.8	1.8	20.0
	ALABAMA	16	9	.9	6.6	.6	1.3	4.3	18.3	19.0	36.7	(D)	.5	10.4
	MISSISSIPPI	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	204	51	5.0	36.7	3.7	7.9	24.2	146.8	106.4	252.0	17.5	4.8	117.3
	ARKANSAS	8	3	.4	1.6	.3	.6	1.1	8.3	2.5	10.7	.1	(D)	(D)
	LOUISIANA	37	9	1.4	10.3	1.2	2.6	8.3	42.6	30.9	73.7	11.3	1.1	29.9
	OKLAHOMA	20	2	.2	1.3	.1	.2	.6	4.8	3.4	8.0	.3	(D)	(D)
	TEXAS	139	37	3.1	23.5	2.1	4.6	14.2	91.1	69.6	159.5	5.7	3.5	79.9
	WEST REGION	348	76	6.3	45.2	4.1	8.2	24.8	119.0	121.9	241.1	9.4	5.5	92.0
	MOUNTAIN DIVISION	56	12	1.0	6.9	.7	1.4	4.5	17.2	16.5	33.2	3.0	.9	11.1
	COLORADO	15	2	.2	1.8	.2	.3	1.2	4.9	3.4	7.9	.7	.3	3.0
	NEW MEXICO	11	4	.2	1.1	.1	.2	.7	2.2	2.6	4.9	.1	(D)	(D)
	ARIZONA	8	1	.2	1.6	.2	.3	.9	3.4	4.6	8.0	(D)	.3	2.5
	UTAH	10	5	.4	2.3	.3	.5	1.6	5.7	4.7	10.3	1.1	.2	2.9
	PACIFIC DIVISION	292	64	5.3	38.3	3.4	6.7	20.3	101.8	105.4	207.9	6.3	4.6	80.9
	WASHINGTON	24	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OREGON	22	4	.2	1.9	.1	.3	.8	7.3	11.3	18.6	.2	.2	6.5
	CALIFORNIA	244	53	4.5	32.7	2.9	5.8	17.1	86.7	83.6	170.9	5.4	4.0	68.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TABLE 3. Detailed Statistics: 1967

Item	Chemicals and allied products (SIC 28)	Industrial chemicals (SIC 281)	Plastics materials and synthetics (SIC 282)	Drugs (SIC 283)	Soap, cleaners, and toilet goods (SIC 284)	Paints and allied products (SIC 285)	Gum and wood chemicals (SIC 286)	Agricultural chemicals (SIC 287)	Miscellaneous chemical products (SIC 289)
ESTABLISHMENTS, TOTAL ..... NUMBER	11 799	2 032	771	1 129	2 508	1 701	184	1 278	2 196
WITH 1 TO 19 EMPLOYEES ..... DO	7 451	1 043	348	722	1 834	1 021	142	769	1 572
WITH 20 TO 99 EMPLOYEES ..... DO	2 935	557	231	245	477	521	29	409	466
WITH 100 EMPLOYEES OR MORE ..... DO	1 413	432	192	162	197	159	13	100	158
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	841.4	248.3	172.3	117.9	96.9	66.1	5.9	45.7	88.3
PAYROLL FOR YEAR, ALL EMPLOYEES ... MILLION DOLLARS	6 443.0	2 089.8	1 293.3	942.3	683.8	492.0	33.5	280.5	627.8
PRODUCTION WORKERS:									
AVERAGE FOR YEAR 1,000	541.4	161.5	121.3	65.6	61.3	36.3	4.6	30.9	59.8
MARCH ..... DO	540.6	162.4	120.5	65.0	60.3	36.1	4.5	34.5	57.3
MAY ..... DO	541.2	162.4	119.4	65.4	59.5	36.1	4.9	34.9	58.6
AUGUST ..... DO	543.3	162.7	121.0	66.7	62.8	37.3	4.7	26.9	61.2
NOVEMBER ..... DO	541.1	159.0	124.2	65.3	62.6	35.8	4.5	27.6	62.1
MAN-HOURS ..... MILLIONS	1 086.1	328.6	243.3	128.2	119.2	73.1	9.0	63.6	121.0
JANUARY-MARCH ..... DO	272.2	83.6	61.0	32.3	29.3	17.7	2.2	17.2	28.9
APRIL-JUNE ..... DO	274.2	83.2	59.5	32.7	29.4	18.6	2.3	18.2	30.1
JULY-SEPTEMBER ..... DO	265.4	80.2	59.5	30.4	29.8	18.6	2.3	13.9	30.7
OCTOBER-DECEMBER ..... DO	274.3	81.5	63.5	32.7	30.7	18.2	2.2	14.3	31.2
WAGES ..... MILLION DOLLARS	3 555.2	1 228.3	798.2	405.1	347.4	223.4	23.1	162.6	367.1
COST OF MATERIALS, ETC., TOTAL[1] ..... DO	18 821.2	6 435.3	3 522.0	1 276.2	2 622.4	1 606.4	115.3	1 780.2	1 463.4
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED ..... DO	16 129.9	5 141.3	3 269.1	1 125.2	2 289.2	1 461.0	104.1	1 437.9	1 302.1
COST OF RESALES ..... DO	1 317.7	398.8	63.2	70.4	266.2	125.9	2.9	292.6	97.7
FUELS CONSUMED ..... DO	605.5	407.7	99.3	16.8	15.5	7.8	6.5	18.8	33.2
PURCHASED ELECTRIC ENERGY ..... DO	582.8	430.9	65.3	19.5	12.2	9.8	1.7	23.7	19.7
CONTRACT WORK ..... DO	185.3	56.6	25.1	44.3	39.3	1.9	(Z)	7.3	10.7
VALUE OF SHIPMENTS, INCLUDING RESALES[1] ..... DO	42 148.3	14 080.7	7 336.8	5 301.6	6 511.2	2 911.4	215.9	2 745.0	3 045.7
VALUE OF RESALES ..... DO	1 785.8	514.0	71.7	122.9	425.0	173.2	3.1	348.0	127.9
VALUE ADDED BY MANUFACTURE ..... DO	23 550.1	7 736.6	3 798.6	4 072.9	3 929.9	1 318.5	100.8	1 005.8	1 587.1
MANUFACTURERS' INVENTORIES:									
BEGINNING OF YEAR, TOTAL ..... DO	4 997.2	1 610.2	865.1	682.6	606.9	406.1	43.6	477.6	305.1
FINISHED PRODUCTS ..... DO	2 435.5	760.4	484.6	236.0	291.3	224.8	24.9	274.1	139.4
WORK IN PROCESS ..... DO	737.0	275.1	113.8	178.6	52.0	23.9	4.1	54.8	34.7
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	1 824.7	574.8	266.7	268.0	263.6	157.4	14.6	148.7	130.9
END OF YEAR, TOTAL ..... DO	5 348.7	1 737.8	868.8	741.5	680.2	426.7	46.2	524.0	323.4
FINISHED PRODUCTS ..... DO	2 614.3	849.5	460.3	264.2	323.9	234.6	24.8	312.0	145.0
WORK IN PROCESS ..... DO	780.7	277.1	121.8	198.1	60.5	27.7	4.4	57.0	34.1
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	1 953.5	611.2	286.6	279.2	295.8	164.4	17.1	154.9	144.3
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL ..... DO	2 985.8	1 435.8	751.1	225.4	133.0	73.5	20.9	213.3	133.1
NEW PLANT AND EQUIPMENT, TOTAL ..... DO	2 936.1	1 421.1	746.6	217.9	125.2	70.7	20.6	205.2	128.7
NEW STRUCTURES AND ADDITIONS TO PLANT ..... DO	659.0	286.4	130.5	91.9	49.4	28.8	3.7	32.9	35.3
NEW MACHINERY AND EQUIPMENT ..... DO	2 277.1	1 134.7	616.0	126.0	75.8	41.9	16.9	172.2	93.4
USED PLANT AND EQUIPMENT ..... DO	49.7	14.7	4.5	7.5	7.8	2.8	.3	8.1	4.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

INDUSTRIAL CHEMICALS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2812--Alkalies and Chlorine
2813--Industrial Gases
2815--Cyclic Intermediates, Dyes, Organic Pigments (Lakes and Toners), and Cyclic (Coal Tar) Crudes
2816--Inorganic Pigments
2818--Industrial Organic Chemicals, Not Elsewhere Classified
2819--Industrial Inorganic Chemicals, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

This group includes establishments primarily engaged in manufacturing basic industrial inorganic and organic chemicals. Establishments primarily engaged in manufacturing formulated agricultural pesticides are classified in industry 2879; organic and inorganic medicinal chemicals, drugs and medicines in industry 2833; wood distillation products and naval stores in Group 286; and soap, glycerin (except synthetic), and cosmetics in Group 284.

In order to avoid duplicating the reports furnished to the U.S. Tariff Commission for synthetic organic chemicals, establishments reporting these products to the U.S. Tariff Commission were requested to report dollar values by product classes to the Bureau of the Census including the value of those synthetic organic chemicals shipped as interplant transfers. As indicated in the table below, the dollar values reported to the Census Bureau differ from those reported to the U.S. Tariff Commission.

In general, data reported to the Census Bureau are for the value of the product as shipped whether it is a chemical compound or a finished product (preparation or mixture). Sales figures reported to the Tariff Commission represent the value of the organic chemical compound whether it is shipped as such or incorporated in another product. Also, reports to the Census Bureau are based on plant reports and the dollar shipment figures represent the valuation (f.o.b. plant) of all goods physically shipped from the producing site. Thus the Census data include products shipped on consignment and interplant transfers (separate measures are shown in table 6A) while the U.S. Tariff Commission data represent sales on a company basis by primary producers, only when accompanied by passage of title. Thus, the commercial shipment figures reported by Census most nearly correspond to the information in the Tariff report.

In addition, there are specific reasons why the figures for certain product classes published by the two agencies differ. For example, the U.S. Tariff Commission total for tar crudes includes data furnished to the Coal Economics Division of the U.S. Bureau of Mines by coke oven operators, and data furnished to the American Gas Association by producers of water-gas and oil-gas tar. The Census Bureau total appearing in this report does not include these figures since the data for byproduct ovens are classified and shown in industry 3312, and establishments operating medium and low temperature carbonization plants and retorts are excluded from the census of manufactures.

Despite these differences in the two sets of data, they should be considered as complementary: Those of the Census Bureau represent the shipment values by plants classified in manufacturing industries for groups of synthetic organic chemicals in the form in which they are actually shipped, and those of the U.S. Tariff Commission, represent company sales and production for a detailed list of products.

Shipments and Interplant Transfers of Synthetic Organic Chemicals: 1967

Product code	Product of product class	As reported by--		
		Bureau of the Census		U.S. Tariff Commission
		Shipments including interplant transfers (million dollars)	Commercial shipments only (million dollars)	Sales (million dollars)
28151 --	Intermediates	1,066	796	1,000
28152 --	Synthetic organic dyes	326	323	332
28153 --	Synthetic organic pigments, lakes, and toners	162	130	108
28155 --	Tar crudes	88	78	136
28181 --	Miscellaneous cyclic chemical products	315	271	284
28182 --	Miscellaneous acyclic chemicals and chemical products	4,052	3,165	3,192
28183 --	Synthetic organic chemicals, n.e.c.:			
28183 11	Flavor and perfume materials	119	(D)	93
28183 31	Rubber processing chemicals	152	137	132
28183 51	Plasticizers	309	283	261
28184 --	Pesticides and other synthetic organic agricultural chemicals	308	283	787

(D) Withheld to avoid disclosing figures for individual companies.
n.e.c. Not elsewhere classified.

2812--ALKALIES AND CHLORINE

This industry comprises establishments primarily engaged in manufacturing alkalies and chlorine. For a detailed list of products of industry 2812, refer to table 6A, product codes 2812111 to 2812490.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Alkalies and Chlorine Industry in 1967 totaled $719.8 million. This included shipments of alkalies and chlorine (primary products), valued at $465.4 million, shipments of other products (secondary products) valued at $231.8 million, and miscellaneous receipts of $22.7 million.

This industry's shipments of alkalies and chlorine (primary products) in 1967 represented 67 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 66 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial inorganic chemicals, n.e.c., and industrial organic chemicals, n.e.c.

Industry 2812 shipments of alkalies and chlorine (primary products) in 1967 represented 75 percent (coverage ratio) of these products valued at $623.0 million shipped by all industries. In 1963, the coverage ratio was 79 percent. Other industries shipping alkalies and chlorine (primary products) consisted mainly of industry 2818, Industrial Organic Chemicals, N.E.C., and industry 2819, Industrial Inorganic Chemicals, N.E.C.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2812, these establishments accounted for 0.0 percent of payroll and 0.0 percent of value added by manufacture.

2813--INDUSTRIAL GASES

This industry comprises establishments primarily engaged in the manufacturing of gases for sale in compressed, liquid, and solid forms. Establishments primarily engaged in manufacturing fluorine, ammonia, and sulfur dioxide are classified in industry 2819; and chlorine in industry 2812. Distributors of industrial gases and establishments primarily engaged in shipping liquid oxygen are classified in trade. For a detailed list of products of industry 2813, refer to table 6A, product codes 2813200 to 2813498.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Industrial Gases Industry in 1967 totaled $588.7 million. This included shipments of industrial gases (primary products), valued at $481.7 million, shipments of other products (secondary products) valued at $19.3 million, and miscellaneous receipts of $87.8 million.

This industry's shipments of industrial gases (primary products) in 1967 represented 96 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 98 percent. Secondary products shipped by this industry in 1967 consisted mainly of natural gas liquids and industrial inorganic chemicals, n.e.c.

Industry 2813 shipments of industrial gases (primary products) in 1967 represented 89 percent (coverage ratio) of these products valued at $543.4 million shipped by all industries. In 1963, the coverage ratio was 87 percent. Other industries shipping industrial gases (primary products) consisted mainly of industry 2819, Industrial Inorganic Chemicals, N.E.C., and industry 2818, Industrial Organic Chemicals, N.E.C.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2813, these establishments accounted for 0.4 percent of payroll and 0.2 percent of value added by manufacture.

2815--CYCLIC INTERMEDIATES, DYES, ORGANIC PIGMENTS (LAKES AND TONERS), AND CYCLIC (COAL TAR) CRUDES

This industry comprises establishments primarily engaged in manufacturing cyclic organic intermediates, dyes, color lakes and toners, and coal tar crudes. Important products of this industry include: (1) derivatives of benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products; (2) synthetic organic dyes; (3) synthetic organic pigments, and (4) cyclic (coal tar) crudes, such as light oils and light oil products; coal tar acids; and products of medium and heavy oil such as creosote oil, naphthalene, anthracene, and their higher homologues, and tar. Establishments primarily engaged in manufacturing coal tar crudes in chemical recovery ovens are classified in industry 3312, and petroleum refineries which produce such products in industry 2911. No attempt was made by the Census Bureau to secure commodity detail for intermediates, dyes or lakes and toners since this information is compiled and published by the U.S. Tariff Commission in Synthetic Organic Chemicals, United States Production and Sales. Likewise, no attempt was made by the Census Bureau to secure commodity detail for the tar crudes manufactured by tar distillers since this information is also compiled and published by the U.S. Tariff Commission in Synthetic Organic Chemicals, United States Production and Sales. Direct comparisons between the product class data reported to the Census Bureau and the product information reported to the U.S. Tariff Commission may not be made since the statistics published by the U.S. Tariff Commission do not show all products produced by tar distillers as distinguished from products produced by petroleum refineries or others. For the total value of the product groupings comprising industry 2815, refer to table 6A, product codes 2815111 to 2815511.

The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been slightly changed from the classification system used in 1963. The composition of the industry as now constituted, compared with that under the classification system followed in the 1963 Census, is due principally to the addition of plants previously classified as industry 2814, Cyclic (Coal Tar) Crudes.

Value of shipments and other receipts of the Cyclic Intermediates and Crudes Industry in 1967 totaled $1,596.8 million. This included shipments of cyclic intermediates and crudes (primary products), valued at $1,092.1 million, shipments of other products (secondary products) valued at $412.7 million, and miscellaneous receipts of $91.9 million.

This industry's shipments of cyclic intermediates and crudes (primary products) in 1967 represented 73 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was not available. Secondary products shipped by this industry in 1967 consisted mainly of industrial organic chemicals, n.e.c. ($168.4 million), and industrial inorganic chemicals, n.e.c. ($74.6 million).

Industry 2815 shipments of cyclic intermediates and crudes (primary products) in 1967 represented 66 percent (coverage ratio) of these products valued at $1,654.2 million shipped by all industries. In 1963, the coverage ratio was not available. Other industries shipping cyclic intermediates and crudes (primary products) consisted mainly of industry 2818, Industrial Organic Chemicals, N.E.C., $360.2 million; industry 2911, Petroleum Refining, $60.5 million and industry 2821, Plastic Materials and Resins, $42.8 million.

The 1963 specialization and coverage ratios are not available due to changes in the Standard Industrial Classification system as described above.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2815, these establishments accounted for 0.0 percent of payroll and 0.0 percent of value added by manufacture.

2816--INORGANIC PIGMENTS

This industry comprises establishments primarily engaged in manufacturing inorganic pigments. Important products of this industry include black pigments (except carbon black, industry 2895), white pigments and color pigments. Organic color pigments, except animal black and bone black, are classified in industry 2815. For a detailed list of products of industry 2816, refer to table 6A, product codes 2816111 to 2816398.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Inorganic Pigments Industry in 1967 totaled $549.3 million. This included shipments of inorganic pigments (primary products), valued at $472.0 million, shipments of other products (secondary products) valued at $53.7 million, and miscellaneous receipts of $23.5 million.

This industry's shipments of inorganic pigments (primary products) in 1967 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 91 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial inorganic chemicals, n.e.c.

Industry 2816 shipments of inorganic pigments (primary products) in 1967 represented 84 percent (coverage ratio) of these products valued at $560.8 million shipped by all industries. In 1963, the coverage ratio was 87 percent. Other industries shipping inorganic pigments (primary products) consisted mainly of industry 2819, Industrial Inorganic Chemicals, N.E.C., $29.0 million and industry 2815, Cyclic Intermediates and Crudes $16.7 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2816, these establishments accounted for 0.2 percent of payroll and 0.3 percent of value added by manufacture.

2818--INDUSTRIAL ORGANIC CHEMCIALS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing industrial organic chemicals, not elsewhere classified. Important products of this industry include: (1) noncyclic organic chemicals such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents such as amyl, butyl, and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethel ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide and chlorinated solvents such as carbon tetrachloride, perchloroethylene and tricholoethylene; (3) polyhydric alcohols such as ethylene glycol, sorbitol, pentaerythritol, synthetic glycerine; (4) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpineol, and synthetic vanillin; (5) rubber processing chemicals such as accelerators and anti-oxidants, both cyclic and acyclic; (6) placticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents such as naphthalene sulfonic acid condensates; (8) chemical warfare gases; and (9) esters, amines, etc., of polyhydric alcohols and fatty and other acids. Establishments primarily engaged in manufacturing plastic materials and nonvulcanizable elastomers are classified in industry 2821; synthetic rubber in industry 2822; essential oils in industry 2899; wood distillation products, naval stores, and natural dyeing and tanning materials in Group 286; rayon and other synthetic fibers in industries 2823 and 2824; specialty cleaning, polishing, and sanitation preparations in industry 2842; and paints and pigments in Group 285. Distilleries engaged in

the manufacture of grain alcohol for beverage purposes are classified in industry 2085. Detailed product information for industrial organic chemicals are not shown as data for these products are compiled and published by the U.S. Tariff Commission in Synthetic Organic Chemicals, United States Production and Sales. For a detailed list of products of industry 2818, refer to table 6A, product codes 2818111 to 2818598.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Industrial Organic Chemicals, N.E.C., Industry in 1967 totaled $6,377.8 million. This included shipments of industrial organic chemicals, n.e.c. (primary products), valued at $4,461.2 million, shipments of other products (secondary products) valued at $1,705.2 million, and miscellaneous receipts of $211.4 million.

This industry's shipments of industrial organic chemicals, n.e.c. (primary products) in 1967 represented 72 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 72 percent. Secondary products shipped by this industry in 1967 consisted mainly of plastics materials and resins ($417.9 million), cyclic intermediates and crudes ($360.2 million) and industrial inorganic chemicals, n.e.c. ($260.8 million).

Industry 2818 shipments of industrial organic chemicals, n.e.c. (primary products) in 1967 represented 81 percent (coverage ratio) of these products valued at $5,539.4 million shipped by all industries. In 1963, the coverage ratio was 81 percent. Other industries shipping industrial organic chemicals, n.e.c. (primary products) consisted mainly of industry 2815, Cyclic Intermediates and Crudes, $168.4 million; industry 2819, Industrial Inorganic Chemicals, N.E.C., $154.9 million; industry 2821, Plastics Materials and Resins, $148.1 million; and industry 2911, Petroleum Refining, $129.8 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2818, these establishments accounted for 0.1 percent of payroll and 0.1 percent of value added by manufacture.

2819--INDUSTRIAL INORGANIC CHEMICALS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing industrial inorganic chemicals, n.e.c. Important products of this industry include inorganic salts of solium (excluding refined sodium chloride), potassium, aluminum, calcium, chromium, magnesium, mercury, nickel, silver, tin; inorganic compounds such as alums, calcium carbide, hydrogen peroxide, phosphates, sodium silicate, ammonia compounds and anhydrous ammonia; rare earth metal salts and elemental bromine, fluorine, iodine, phosphorus, and alkali metals (sodium, potassium, lithium, etc.). Establishments primarily engaged in mining, milling, or otherwise preparing natural potassium, sodium, or boron compounds (other than common salt) are classified in industry 1474. Beginning with 1954, statistics include information for government-owned plants operated by private firms for the account of the Federal Government but exclude the activities of government-owned and/or operated plants. The 1947 statistics exclude information for all Government plants except Tennessee Valley Authority plants. General statistics (tables 1, 3, and 4) are shown first for all plants (private and government) and second for private plants only. Capital expenditures made by government-owned-privately operated plants are not included because they are paid for by current billings to the United States. For a detailed list of products of industry 2819, refer to table 6A, product codes 2819111 to 2819998.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Industrial Inorganic Chemicals, N.E.C., Industry in 1967 totaled $4,248.4 million. This included shipments of industrial inorganic chemicals, n.e.c. (primary products), valued at $2,900.1 million, shipments of other products (secondary products) valued at $453.9 million, and miscellaneous receipts (mainly contract work on materials owned by others) of $894.4 million.

This industry's shipments of industrial inorganic chemicals, n.e.c. (primary products) in 1967 represented 86 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 88 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial organic chemicals, n.e.c. ($154.9 million).

Industry 2819 shipments of industrial inorganic chemicals, n.e.c. (primary products) in 1967 represented 78 percent (coverage ratio) of these products valued at $3,719.1 million shipped by all industries. In 1963, the coverage ratio was 74 percent. Other industries shipping industrial inorganic chemicals, n.e.c. (primary products) consisted mainly of industry 2818, Industrial Organic Chemicals, N.E.C., $260.8 million; industry 2871, Fertilizers, $145.5 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2819, these establishments accounted for 0.2 percent of payroll and 0.2 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	[3]Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2812.—ALKALIES AND CHLORINE														
1967 Census	44	40	19.2	155.7	12.8	25.5	94.4	419.2	302.0	719.8	98.0	71.4	67	75
1966 ASM[1]	(NA)	(NA)	19.9	154.0	13.4	27.5	97.8	467.0	319.6	782.7	81.2	69.2	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	20.0	148.2	13.5	26.8	92.1	442.8	291.4	735.4	57.7	65.3	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	19.9	145.3	13.8	28.1	92.3	436.0	276.2	711.6	49.4	66.0	(NA)	(NA)
1963 Census	38	37	19.7	138.2	13.5	27.6	88.1	389.2	263.6	652.1	57.5	64.3	66	79
1962 ASM[1]	(NA)	(NA)	19.7	132.3	13.5	27.1	84.5	392.3	237.9	628.1	69.0	63.3	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	19.9	128.0	13.6	27.0	81.0	363.4	222.1	589.0	42.2	63.2	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	20.5	126.5	14.2	28.6	83.5	360.1	219.6	576.7	32.4	67.9	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	20.1	120.2	14.0	28.4	79.3	347.9	220.1	565.3	43.4	64.9	(NA)	(NA)
1958 Census[2]	34	32	20.5	115.0	13.9	28.4	75.1	306.2	198.3	504.3	27.9	60.8	73	84
INDUSTRY 2813.—INDUSTRIAL GASES														
1967 Census	507	156	10.3	78.5	5.3	11.1	36.6	400.9	188.8	588.7	123.7	21.2	96	89
1966 ASM[1]	(NA)	(NA)	9.9	74.6	4.9	10.5	34.5	363.1	190.4	549.7	97.0	18.3	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	10.1	72.2	5.3	11.2	35.2	346.7	194.2	540.0	63.8	16.9	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	10.2	72.7	5.6	11.7	37.2	309.0	199.5	507.3	73.4	16.3	(NA)	(NA)
1963 Census	456	146	9.8	66.6	5.2	11.1	33.5	260.2	164.4	425.4	93.5	15.3	98	87
1962 ASM[1]	(NA)	(NA)	9.9	63.3	5.6	11.7	32.9	225.8	156.4	382.3	94.0	13.3	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	10.3	59.5	5.8	11.5	32.0	221.8	140.0	362.2	94.0	13.5	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	10.5	61.0	5.9	12.4	32.4	212.4	131.6	344.1	42.6	14.1	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	10.2	56.4	5.7	11.9	30.2	196.7	118.7	315.1	39.5	13.9	(NA)	(NA)
1958 Census[2]	491	177	10.6	56.7	5.8	12.7	30.6	174.2	103.5	277.4	48.6	13.5	99	85
INDUSTRY 2815.—CYCLIC INTERMEDIATES AND CRUDES														
1967 Census	177	107	30.0	251.1	20.3	41.7	152.9	729.5	874.5	1,596.8	136.1	261.8	73	66
1966 ASM[1]	(NA)	(NA)	29.2	240.4	20.1	42.6	150.1	741.7	826.3	1,556.3	88.4	247.3	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	29.6	232.3	19.9	41.6	141.9	682.3	788.5	1,456.3	91.9	232.5	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	28.2	211.3	18.7	38.5	128.5	621.1	668.3	1,289.6	103.5	209.0	(NA)	(NA)
1963 Census	141	84	27.7	201.9	18.9	38.6	124.8	605.3	634.1	1,212.8	106.8	211.0	(NA)	(NA)
1962 ASM[1]	(NA)	(NA)	26.7	186.7	18.3	37.1	115.8	529.8	619.0	1,152.0	80.3	174.8	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	27.8	187.0	18.9	38.9	117.4	529.6	609.3	1,136.2	69.6	189.9	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	29.1	186.6	20.1	40.4	118.3	515.3	626.2	1,127.2	98.9	183.4	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	29.1	180.9	20.4	41.9	116.6	513.6	603.4	1,114.8	73.3	170.1	(NA)	(NA)
1958 Census[2]	115	87	28.3	167.4	19.6	39.0	106.3	403.1	524.8	934.4	78.0	169.4	(NA)	(NA)
INDUSTRY 2816.--INORGANIC PIGMENTS														
1967 Census	98	60	12.6	97.2	8.9	17.7	63.2	316.3	235.0	549.3	20.8	108.6	90	84
1966 ASM[1]	(NA)	(NA)	12.7	96.2	9.0	18.2	63.5	339.9	247.6	581.8	17.2	112.8	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	12.4	88.5	8.8	17.4	57.5	331.3	226.5	553.6	48.5	103.9	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	12.3	88.4	8.7	17.7	58.7	334.9	216.2	548.1	43.4	93.6	(NA)	(NA)
1963 Census	96	49	11.5	76.4	8.1	16.2	49.9	286.4	194.2	484.8	17.4	86.6	91	87
1962 ASM[1]	(NA)	(NA)	12.4	83.5	8.7	18.2	53.4	302.4	192.3	489.9	*20.8	105.8	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	12.0	79.1	8.2	17.4	49.0	296.5	192.7	482.7	15.9	96.9	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	12.6	78.9	8.6	18.5	49.6	285.0	197.7	486.7	*24.7	94.9	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	12.3	73.9	8.7	18.1	47.9	292.7	210.7	492.3	20.6	91.3	(NA)	(NA)
1958 Census[2]	99	57	11.4	61.9	8.0	16.0	40.9	235.7	172.2	417.7	42.9	82.1	92	89
INDUSTRY 2818.--INDUSTRIAL ORGANIC CHEMICALS, N.E.C.														
1967 Census	488	268	95.1	844.9	62.4	126.4	499.8	3,575.3	2,849.0	6,377.8	781.2	801.1	72	81
1966 ASM[1]	(NA)	(NA)	95.7	833.4	63.6	129.0	491.6	3,641.5	2,953.1	6,541.1	886.2	770.1	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	91.6	768.0	61.3	125.2	462.5	3,471.7	2,615.7	6,012.5	641.2	687.8	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	87.1	714.0	57.0	117.5	428.6	2,990.9	2,297.1	5,265.3	496.4	587.0	(NA)	(NA)
1963 Census	464	241	85.5	677.3	56.4	114.4	405.0	2,727.4	2,105.7	4,840.2	401.0	552.8	72	81
1962 ASM[1]	(NA)	(NA)	82.4	633.9	56.2	113.7	390.8	2,511.4	1,911.3	4,430.1	267.9	515.2	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	82.4	619.0	56.5	115.1	387.2	2,198.9	1,755.9	3,947.2	380.6	493.7	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	78.0	560.4	54.3	107.5	344.8	2,080.7	1,673.0	3,712.9	297.7	461.1	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	76.2	528.3	52.9	105.0	330.1	2,040.4	1,579.2	3,609.2	224.3	420.4	(NA)	(NA)
1958 Census[2]	334	185	77.4	508.4	52.0	103.9	312.4	1,725.8	1,370.1	3,098.0	330.3	440.0	73	79

See footnotes at end of table.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture[4]	Cost of materials[5]	Value of shipments[6]	Capital expenditures, new[7]	End-of-year inventories	Specialization ratio	Coverage ratio
	[3]Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 2819.--INDUSTRIAL INORGANIC CHEMICALS, N.E.C.[8]													
1967 Census....	718	358	81.2	662.4	51.8	106.2	381.4	2,295.4	1,986.0	4,248.4	261.4	473.8	[9]86	[9]78
1966 ASM[1].....	(NA)	(NA)	77.6	614.2	50.6	102.6	362.9	1,996.4	1,874.2	3,845.2	351.7	399.6	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	77.5	597.3	50.6	105.2	346.6	2,022.2	1,746.1	3,744.4	330.8	363.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	80.0	605.4	51.5	107.2	352.2	2,099.8	1,636.8	3,727.3	223.4	320.3	(NA)	(NA)
1963 Census....	674	323	82.4	603.0	53.5	108.1	351.7	1,902.6	1,586.5	3,493.9	137.1	312.6	88	74
1962 ASM[1].....	(NA)	(NA)	83.9	602.0	53.8	111.1	347.6	1,775.6	1,506.4	3,259.2	144.5	329.5	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	84.4	588.1	54.4	111.1	338.0	1,687.7	1,420.4	3,100.9	139.5	309.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	90.0	603.0	58.4	120.0	351.1	1,690.8	1,437.3	3,113.7	173.0	318.9	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	90.1	578.8	59.2	122.1	342.5	1,683.0	1,415.9	3,078.3	132.3	308.0	(NA)	(NA)
1958 Census[2]...	580	301	89.9	550.3	58.4	118.7	327.2	1,468.9	1,288.7	2,754.4	138.4	280.9	87	76
	INDUSTRY 2819.--PRIVATELY-OWNED AND OPERATED ESTABLISHMENTS[8]													
1967 Census....	708	348	57.6	458.3	40.1	83.2	293.4	1,687.4	1,859.0	3,513.4	261.4	473.8	87	78
1963 Census....	665	314	51.1	353.1	36.4	74.0	232.4	1,243.8	1,379.4	2,628.0	137.1	312.6	88	74
1958 Census....	569	291	54.0	311.3	38.5	78.8	205.9	930.5	1,052.0	1,979.4	137.4	280.9	87	76

Note: In 1967, 1963, and 1958, the number of companies in industry 2,812 was 19, 19, and 18, respectively; in industry 2,813: 113, 104, and 111; industry 2,815: 115, (NA), and (NA); industry 2,816: 65, 69, and 64; industry 2,818: 339, 343, and 238; industry 2,819 (Part I): 408, 404, and 330; industry 2,819 (Part II): (NA), 401, and 327. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: (NA) Not available. (*) These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

[3]Some of the small establishments in this industry may have been misclassified as to industry. This does not significantly affect the statistics other than the number of establishments or number of companies. (See paragraph in Introduction: "Industry Classification of Establishments" for further explanation.)

[4]Data include value added for government-owned, contractor-operated plants which was estimated based upon averages reported for commercial establishments in prior years.

[5]Data exclude government-owned materials furnished to government owned, contractor-operated plants and includes fuel and electricity purchased by or for these establishments.

[6]Data include a calculated value of shipments for government-owned, contractor-operated plants comprised of adjusted value added (estimated as described in footnote[3]) plus the cost of fuels and electric energy.

[7]Includes expenditures for plants under construction but not in operation. Capital expenditures of government-owned, contractor-operated plants are excluded from the totals for the industry.

[8]Inorganic Chemicals, N.E.C., total includes in addition to privately-owned establishments, government-owned, contractor operated plants. See privately owned plants.

[9]Government-owned, privately operated establishments did not enter into the calculation of "Primary product specialization ratio" or "Coverage ratio" as all dollar receipts for these establishments were included in "Miscellaneous receipts."

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production workers as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
INDUSTRY 2812.--ALKALIES AND CHLORINE									
1967 Census	8,129	67	1,994	3.70	.42	.64	21,881	37	16.41
1966 ASM	7,728	67	2,060	3.55	.41	.61	23,431	33	16.96
1965 ASM	7,406	67	1,993	3.43	.40	.60	22,126	33	16.51
1964 ASM	7,290	69	2,041	3.28	.39	.59	21,881	33	15.50
1963 Census	7,030	69	2,046	3.19	.40	.62	19,807	35	14.11
1962 ASM	6,711	68	2,012	3.11	.38	.59	19,899	34	14.46
1961 ASM	6,435	68	1,990	3.00	.38	.59	18,267	35	13.45
1960 ASM	6,180	70	2,010	2.92	.38	.60	17,589	35	12.59
1959 ASM	5,967	70	2,020	2.79	.39	.60	17,272	35	12.26
1958 Census	5,618	68	2,045	2.64	.39	.62	14,953	38	10.77
INDUSTRY 2813.--INDUSTRIAL GASES									
1967 Census	7,657	52	2,079	3.31	.32	.45	39,096	20	36.26
1966 ASM	7,540	50	2,128	3.30	.35	.48	36,680	21	34.71
1965 ASM	7,137	53	2,095	3.15	.36	.49	34,295	21	31.02
1964 ASM	7,125	55	2,098	3.18	.39	.54	30,297	24	26.41
1963 Census	6,785	54	2,108	3.02	.39	.54	26,525	26	23.51
1962 ASM	6,399	57	2,093	2.81	.41	.57	22,824	28	19.25
1961 ASM	5,798	56	1,983	2.78	.39	.55	21,612	27	19.32
1960 ASM	5,789	56	2,079	2.62	.38	.56	20,155	29	17.18
1959 ASM	5,523	56	2,076	2.53	.38	.56	19,262	29	16.50
1958 Census	5,324	55	2,179	2.41	.37	.58	16,374	33	13.76
INDUSTRY 2815.--CYCLIC INTERMEDIATES AND CRUDES									
1967 Census	8,372	68	2,052	3.66	.55	.70	24,321	34	17.48
1966 ASM	8,232	69	2,119	3.52	.53	.68	25,401	32	17.41
1965 ASM	7,848	67	2,090	3.41	.54	.70	23,051	34	16.40
1964 ASM	7,493	66	2,059	3.34	.52	.68	22,025	34	16.13
1963 Census	7,289	68	2,042	3.23	.52	.69	21,852	33	15.68
1962 ASM	6,992	69	2,027	3.12	.54	.70	19,843	35	14.28
1961 ASM	6,727	68	2,058	3.02	.54	.70	19,050	35	13.61
1960 ASM	6,412	69	2,020	2.93	.56	.72	17,708	36	12.75
1959 ASM	6,216	70	2,054	2.78	.54	.70	17,649	35	12.26
1958 Census	5,915	69	1,990	2.73	.56	.74	14,244	42	10.34
INDUSTRY 2816.--INORGANIC PIGMENTS									
1967 Census	7,736	71	1,994	3.58	.43	.60	25,178	31	17.90
1966 ASM	7,556	71	2,022	3.48	.43	.59	26,695	28	18.64
1965 ASM	7,139	71	1,976	3.31	.41	.57	26,740	27	19.09
1964 ASM	7,174	71	2,030	3.31	.39	.56	27,165	26	18.89
1963 Census	6,616	70	1,987	3.09	.40	.56	24,810	27	17.72
1962 ASM	6,722	70	2.086	2.94	.39	.56	24,331	28	16.62
1961 ASM	6,559	69	2,111	2.82	.40	.56	24,737	27	17.04
1960 ASM	6,252	68	2,143	2.68	.41	.57	22,596	28	15.41
1959 ASM	5,984	70	2,091	2.64	.43	.58	23,710	25	16.16
1958 Census	5,442	70	2,008	2.56	.41	.56	20,730	26	14.75
INDUSTRY 2818.--INDUSTRIAL ORGANIC CHEMICALS, N.E.C.									
1967 Census	8,888	66	2,026	3.96	.58	.45	37,612	24	28.30
1966 ASM	8,706	66	2,028	3.81	.45	.58	38,040	23	28.22
1965 ASM	8,381	67	2,043	3.70	.44	.56	37,886	22	27.74
1964 ASM	8,198	65	2,063	3.65	.44	.57	34,338	24	25.44
1963 Census	7,922	66	2,030	3.54	.44	.57	31,903	25	23.83
1962 ASM	7,690	68	2,024	3.44	.43	.57	30,470	25	22.09
1961 ASM	7,511	69	2,038	3.36	.44	.60	26,680	28	19.10
1960 ASM	7,182	70	1,980	3.21	.45	.60	26,662	27	19.35
1959 ASM	6,937	69	1,985	3.14	.44	.58	26,783	26	19.43
1958 Census	6,565	67	2,000	3.01	.44	.61	22,285	29	16.61
INDUSTRY 2819.--INDUSTRIAL INORGANIC CHEMICALS, N.E.C.									
1967 Census	8,155	64	2,050	3.59	.47	.62	28,258	29	21.61
1966 ASM	7,911	65	2,026	3.54	.49	.65	25,726	31	19.46
1965 ASM	7,708	65	2,079	3.30	.47	.63	26,092	30	19.22
1964 ASM	7,569	64	2,081	3.28	.44	.60	26,247	29	19.57
1963 Census	7,318	65	2,021	3.25	.45	.63	23,089	32	17.60
1962 ASM	7,171	64	2,065	3.13	.46	.65	21,153	34	15.99
1961 ASM	6,972	64	2,042	3.04	.46	.65	20,007	35	15.20
1960 ASM	6,697	65	2,056	2.93	.46	.66	18,779	36	14.09
1959 ASM	6,422	66	2,064	2.80	.46	.65	18,673	34	13.78
1958 Census	6,123	65	2,033	2.76	.47	.67	16,343	37	12.37

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2812-- ALKALIES AND CHLORINE													
UNITED STATES	44	40	19.2	155.7	12.8	25.5	94.4	419.2	302.0	719.8	98.0	19.7	389.2
NORTHEAST REGION	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	9	9	7.4	62.8	4.7	9.3	36.2	109.7	90.9	200.6	17.0	(D)	(D)
EAST NORTH CENTRAL DIVISION	8	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KANSAS	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	22	20	7.5	58.9	5.1	10.4	37.2	200.9	134.5	333.9	63.3	8.1	191.3
SOUTH ATLANTIC DIVISION	9	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.7	81.8
DELAWARE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
VIRGINIA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	3	3	2.3	19.5	1.4	2.8	11.3	58.5	34.4	92.5	13.1	[2](D)	[2](D)
GEORGIA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	5	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	18.8
TENNESSEE	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	8	6	2.6	22.0	1.8	3.7	14.0	77.4	52.7	129.4	22.2	3.6	90.7
LOUISIANA	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	8	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8	46.3
MOUNTAIN DIVISION	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEVADA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	6	5	1.6	14.7	.9	1.7	7.1	48.0	33.1	81.9	(D)	(D)	(D)
WASHINGTON	3	3	.5	4.3	.3	.6	2.6	19.2	12.7	32.3	(D)	.5	20.1
OREGON	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
2813-- INDUSTRIAL GASES													
UNITED STATES	507	156	10.3	78.5	5.3	11.1	36.6	400.9	188.8	588.7	123.7	9.8	260.2
NORTHEAST REGION	105	36	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	57.6
NEW ENGLAND DIVISION	16	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	7.4
MASSACHUSETTS	9	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	6.8
MIDDLE ATLANTIC DIVISION	89	31	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.0	49.6
NEW YORK	20	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	5.9
NEW JERSEY	27	13	.7	5.3	.3	.7	2.2	21.4	10.0	31.4	5.4	.6	16.4
PENNSYLVANIA	42	14	1.0	7.7	.6	1.2	4.2	34.9	15.6	50.6	10.3	1.1	27.3
NORTH CENTRAL REGION	144	45	2.8	23.2	1.4	2.9	10.3	145.1	60.3	205.3	43.4	2.7	79.2
EAST NORTH CENTRAL DIVISION	107	34	2.1	18.0	1.1	2.2	7.8	103.0	37.5	140.3	34.0	2.1	61.6
OHIO	49	13	.9	6.9	.4	.9	2.7	37.4	15.2	52.5	12.1	.9	27.7
INDIANA	13	7	.4	3.5	.3	.5	2.0	20.0	7.4	27.3	(D)	[2](D)	[2](D)
ILLINOIS	24	8	.5	4.8	.2	.5	1.8	35.0	8.9	44.9	9.6	.4	19.9
MICHIGAN	15	6	.3	2.5	.1	.3	1.2	9.8	5.2	15.0	.7	.2	5.5
WEST NORTH CENTRAL DIVISION	37	11	.7	5.3	.3	.7	2.5	42.1	22.8	65.0	9.4	.6	17.7
KANSAS	14	6	.3	2.7	.2	.4	1.6	33.3	18.1	51.1	(D)	.2	7.5
SOUTH REGION	160	45	3.1	22.1	1.6	3.3	10.4	108.4	62.7	171.1	38.7	3.0	72.7
SOUTH ATLANTIC DIVISION	56	17	1.0	7.0	.5	1.0	3.0	38.7	16.3	55.3	25.8	1.1	28.5
MARYLAND	8	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	8	4	.2	1.3	.1	.2	.5	2.1	2.2	4.9	.5	.2	2.6
FLORIDA	14	5	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	6.8
EAST SOUTH CENTRAL DIVISION	33	10	1.1	7.8	.7	1.3	4.3	32.7	26.7	59.5	7.8	1.0	20.7
KENTUCKY	6	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	14	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	9	3	.2	1.7	.1	.2	.7	8.8	5.0	13.7	1.1	.2	5.2
WEST SOUTH CENTRAL DIVISION	71	18	1.0	7.3	.4	1.0	3.1	36.9	19.8	56.3	5.1	.9	23.5
LOUISIANA	14	3	.2	1.6	.1	.3	.8	5.4	2.1	7.4	1.2	.2	2.9
TEXAS	48	15	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	19.7
WEST REGION	98	30	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	51.2
MOUNTAIN DIVISION	35	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	6.4
ARIZONA	5	1	.2	1.1	.1	.1	.5	4.1	2.9	6.9	.9	.1	2.9
PACIFIC DIVISION	63	25	1.7	13.0	1.0	2.0	6.6	59.8	24.1	83.4	18.0	1.6	44.9
WASHINGTON	10	3	.2	1.3	.1	.2	.6	5.4	1.4	6.9	.1	.2	2.1
OREGON	5	1	.2	1.8	.1	.2	.6	4.1	2.3	6.6	.5	[2](D)	[2](D)
CALIFORNIA	41	18	1.1	9.2	.7	1.5	5.1	47.3	19.0	66.0	16.3	1.1	37.2

ee footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2815-- CYCLIC INTERMEDIATES AND CRUDES													
UNITED STATES	177	107	30.0	251.1	20.3	41.7	152.9	729.5	874.5	1 596.8	136.1	27.7	605.3
NORTHEAST REGION	95	51	16.6	138.2	11.1	22.8	83.2	349.3	370.9	718.9	43.7	(D)	(D)
NEW ENGLAND DIVISION	17	5	.9	6.5	.6	1.3	3.9	19.8	20.9	40.6	9.5	(D)	(D)
MASSACHUSETTS	9	3	.5	2.9	.3	.7	2.0	13.0	11.1	25.5	1.6	(D)	(D)
RHODE ISLAND	5	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CONNECTICUT	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	78	46	15.7	131.8	10.5	21.6	79.3	329.5	350.0	678.3	34.2	(D)	(D)
NEW YORK	18	7	3.1	24.4	2.1	4.4	14.7	44.5	46.5	91.7	5.1	(D)	(D)
NEW JERSEY	43	31	10.0	87.6	6.9	14.0	53.6	232.0	231.9	463.4	24.5	(D)	(D)
PENNSYLVANIA	17	8	2.5	19.8	1.5	3.2	10.9	53.0	71.7	123.3	4.6	(D)	(D)
NORTH CENTRAL REGION	29	20	6.0	50.6	4.1	8.5	31.7	147.5	180.1	325.0	28.1	(D)	(D)
EAST NORTH CENTRAL DIVISION	26	20	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	12	10	1.8	14.1	1.4	2.9	10.0	32.3	47.0	78.4	4.3	(D)	(D)
INDIANA	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS	7	5	3.5	31.1	2.3	4.6	18.5	97.7	114.1	210.4	20.9	(D)	(D)
MICHIGAN	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	44	32	7.1	60.0	5.0	10.0	36.7	224.0	312.0	532.9	63.3	(D)	(D)
SOUTH ATLANTIC DIVISION	20	14	3.6	29.6	2.5	5.1	17.1	86.8	106.8	191.9	19.8	(D)	(D)
DELAWARE	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	7	5	1.8	14.2	1.4	2.8	9.9	43.0	51.7	95.3	13.0	(D)	(D)
NORTH CAROLINA	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH CAROLINA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	10	7	1.2	8.5	.9	1.8	5.4	51.7	60.8	111.0	29.2	(D)	(D)
TENNESSEE	4	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ALABAMA	5	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	14	11	2.3	21.8	1.6	3.2	14.2	85.5	144.4	230.0	14.4	(D)	(D)
LOUISIANA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	11	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	9	4	.3	2.3	.2	.4	1.3	8.7	11.5	19.9	1.0	(D)	(D)
PACIFIC DIVISION	8	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2816-- INORGANIC PIGMENTS													
UNITED STATES	98	60	12.6	97.2	8.9	17.7	63.2	316.3	235.0	549.3	20.8	11.5	286.4
NORTHEAST REGION	42	24	5.3	40.2	3.8	7.5	26.9	122.3	75.9	198.8	6.4	4.9	113.4
NEW ENGLAND DIVISION	8	2	.2	.9	.1	.3	.8	2.6	2.7	5.3	.1	(D)	(D)
MIDDLE ATLANTIC DIVISION	34	22	5.1	39.2	3.7	7.2	26.1	119.7	73.3	193.6	6.3	(D)	(D)
NEW YORK	8	6	1.6	12.1	1.1	2.1	7.3	31.8	29.2	60.8	2.5	1.5	23.6
NEW JERSEY	16	8	2.3	18.9	1.7	3.4	13.7	65.9	24.4	89.2	1.6	[2] (D)	[2] (D)
PENNSYLVANIA	10	8	1.2	8.2	.9	1.8	5.0	22.0	19.7	43.6	2.2	1.3	24.7
NORTH CENTRAL REGION	24	17	3.3	25.8	2.5	4.9	18.1	85.3	68.3	150.9	7.9	3.0	68.9
EAST NORTH CENTRAL DIVISION	15	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	5	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
ILLINOIS	7	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	7.1
WEST NORTH CENTRAL DIVISION	9	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	6	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
KANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
SOUTH REGION	20	15	3.6	29.1	2.3	4.8	16.9	100.7	81.7	182.9	5.9	(D)	(D)
SOUTH ATLANTIC DIVISION	14	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
DELAWARE	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
MARYLAND	4	4	1.1	9.3	.7	1.4	5.0	19.7	20.4	39.9	1.0	[2] (D)	[2] (D)
VIRGINIA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
GEORGIA	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
EAST SOUTH CENTRAL DIVISION	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KENTUCKY	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
TENNESSEE	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST REGION	12	4	.3	2.2	.2	.4	1.4	8.0	9.0	16.6	.5	(D)	(D)
PACIFIC DIVISION	10	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	10	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2818-- INDUSTRIAL ORGANIC CHEMICALS, NEC													
UNITED STATES	488	268	95.1	844.9	62.4	126.4	499.8	3 575.3	2 849.0	6 377.8	781.2	85.5	2 727.4
NORTHEAST REGION	168	89	26.6	229.8	17.3	34.0	131.9	586.0	729.9	1 312.1	94.5	24.9	453.7
NEW ENGLAND DIVISION	36	14	3.9	30.8	2.4	4.6	16.1	71.4	115.6	185.1	8.2	3.3	62.2
MAINE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW HAMPSHIRE	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	16	5	.8	6.4	.6	1.1	4.3	11.1	24.4	35.3	1.7	1.0	11.6
RHODE ISLAND	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	2.7
CONNECTICUT	13	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	132	75	22.7	199.1	14.9	29.5	115.8	514.6	614.2	1 127.0	86.3	21.6	391.5
NEW YORK	37	20	6.0	50.8	3.9	8.3	29.3	121.8	126.9	247.4	23.9	5.8	80.4
NEW JERSEY	75	44	14.8	134.7	9.7	18.4	78.1	364.4	429.3	795.5	53.7	13.8	284.8
PENNSYLVANIA	20	11	1.9	13.5	1.3	2.8	8.5	28.4	57.9	84.1	8.8	2.0	26.3
NORTH CENTRAL REGION	98	53	17.3	151.2	10.3	20.8	80.2	530.4	393.6	909.7	54.3	14.7	325.2
EAST NORTH CENTRAL DIVISION	80	46	14.5	127.6	8.3	16.8	64.7	447.0	321.6	758.1	42.6	12.3	291.5
OHIO	28	17	2.7	25.8	1.5	3.1	11.7	80.2	88.6	167.7	10.6	1.9	49.8
INDIANA	5	4	1.4	11.1	1.0	1.9	6.8	51.2	41.8	92.3	4.4	1.4	49.7
ILLINOIS	24	10	2.4	19.3	1.3	2.8	10.1	74.6	80.1	155.7	5.2	2.6	56.1
MICHIGAN	15	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.2	132.3
WISCONSIN	8	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	3.6
WEST NORTH CENTRAL DIVISION	18	7	2.9	23.6	2.0	4.0	15.5	83.4	72.0	151.6	11.6	2.5	33.6
MISSOURI	9	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	160	98	47.8	436.0	32.8	67.5	272.4	2 327.3	1 606.8	3 908.6	624.3	43.3	1 878.1
SOUTH ATLANTIC DIVISION	55	30	13.5	111.7	10.1	20.2	79.0	581.9	368.8	949.1	104.0	12.3	540.7
MARYLAND	4	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	6	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	11	10	9.5	82.0	7.4	14.4	59.8	467.4	239.6	711.7	55.6	10.2	470.5
NORTH CAROLINA	13	6	.4	2.8	.3	.6	1.3	16.9	25.4	41.5	31.6	.2	10.2
SOUTH CAROLINA	7	3	.5	3.8	.4	.8	2.5	13.3	13.8	26.6	1.2	[2](D)	[2](D)
FLORIDA	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	25	18	7.2	63.2	4.8	10.0	37.3	235.7	265.0	495.6	72.7	6.0	173.5
KENTUCKY	9	8	2.3	21.6	1.5	3.3	12.8	82.9	95.0	177.0	39.4	2.0	54.3
TENNESSEE	9	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.7	99.2
ALABAMA	6	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	19.0
WEST SOUTH CENTRAL DIVISION	80	50	27.2	261.1	17.8	37.2	156.2	1 509.7	973.0	2 463.9	447.6	25.1	1 164.3
LOUISIANA	26	19	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OKLAHOMA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	52	29	18.7	180.9	12.2	25.3	107.8	1 150.4	734.6	1 875.9	249.6	19.3	960.8
WEST REGION	62	28	3.3	27.9	2.0	4.0	15.2	131.7	118.7	247.4	8.1	2.6	71.1
MOUNTAIN DIVISION	7	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.2
COLORADO	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	55	25	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.4	68.9
OREGON[e]	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	46	21	2.6	22.4	1.5	3.0	11.7	110.3	100.4	209.4	6.2	2.3	67.3
2819-- INDUST. INORGANIC CHEMICALS, NEC													
UNITED STATES	718	358	81.2	662.4	51.8	106.2	381.4	2 295.4	1 986.0	4 248.4	261.4	82.4	1 902.6
NORTHEAST REGION	155	70	8.2	65.5	5.4	11.1	39.2	245.5	312.2	554.6	15.8	7.6	193.8
NEW ENGLAND DIVISION	32	9	.7	5.1	.4	.8	2.6	15.3	13.8	28.0	1.2	.5	10.1
MASSACHUSETTS	15	5	.4	3.3	.3	.5	1.9	11.9	6.9	18.4	.6	.4	5.6
MIDDLE ATLANTIC DIVISION	123	61	7.6	60.5	5.0	10.3	36.6	230.2	298.4	526.6	14.6	7.1	183.7
NEW YORK	41	11	1.6	13.4	1.1	2.1	8.1	42.9	43.6	85.5	4.1	[2](D)	[2](D)
NEW JERSEY	50	31	3.8	30.6	2.4	5.1	18.0	101.3	163.8	266.7	7.9	3.9	89.1
PENNSYLVANIA	32	19	2.2	16.6	1.5	3.1	10.4	86.0	90.9	174.5	2.6	[2](D)	[2](D)
NORTH CENTRAL REGION	174	94	20.2	165.0	13.3	27.4	98.8	551.6	512.7	1 049.7	58.5	19.7	428.9
EAST NORTH CENTRAL DIVISION	135	67	14.4	117.9	9.7	19.9	73.7	381.9	380.8	758.2	28.8	14.3	313.5
OHIO	41	25	7.0	56.3	4.4	8.7	32.7	189.6	127.7	315.7	8.6	7.5	156.8
INDIANA	14	8	1.1	8.8	.8	1.5	5.8	49.1	46.6	96.5	2.0	1.0	32.5
ILLINOIS	42	23	3.0	24.7	2.1	4.6	16.0	70.8	120.2	189.0	11.0	3.0	62.0
MICHIGAN	26	11	3.2	27.4	2.4	4.9	18.9	70.1	83.3	151.7	7.2	2.8	60.0
WEST NORTH CENTRAL DIVISION	39	27	5.7	47.0	3.6	7.5	25.2	169.7	131.9	291.5	29.6	5.4	107.6
MINNESOTA	6	2	.2	2.2	.2	.4	1.3	7.6	5.8	13.0	(D)	.3	7.5
IOWA	8	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	11	7	2.8	24.5	1.4	2.9	10.1	48.8	47.8	94.9	9.8	2.7	35.8
NEBRASKA	6	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	8	5	1.4	10.4	1.1	2.4	7.4	49.8	41.1	88.2	3.7	1.4	37.3

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2819-- INDUSTRIAL INORGANIC CHEMICALS, NEC--CONTINUED													
SOUTH REGION	∠62	135	40.4	330.3	26.3	53.9	189.8	1 149.5	961.7	2 099.6	161.5	39.3	924.3
SOUTH ATLANTIC DIVISION	110	46	13.4	110.0	7.9	16.0	53.6	336.7	207.5	539.9	30.1	14.7	296.4
DELAWARE	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
MARYLAND	17	9	1.6	10.9	1.2	2.3	7.1	40.4	30.5	69.8	2.3	1.6	26.7
VIRGINIA	16	5	1.7	12.9	1.1	2.4	7.8	33.3	36.2	70.3	4.9	2.1	41.2
NORTH CAROLINA	12	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
SOUTH CAROLINA	3	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	26	11	1.4	11.2	.8	1.6	4.6	37.7	48.7	83.3	11.5	.8	18.1
FLORIDA	27	11	1.1	6.6	.8	1.8	4.6	31.2	49.8	81.3	2.2	.9	24.5
EAST SOUTH CENTRAL DIVISION	50	32	15.6	127.6	9.8	20.1	69.8	475.8	315.2	784.4	26.3	15.3	378.7
KENTUCKY	8	6	2.6	20.0	1.6	3.2	11.4	76.1	71.8	147.0	4.2	[2] (D)	[2](D)
TENNESSEE	23	17	10.9	91.5	6.6	13.7	48.4	322.9	158.7	480.1	9.5	11.3	256.3
ALABAMA	10	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	9	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	33.9
WEST SOUTH CENTRAL DIVISION	102	57	11.4	92.7	8.7	17.8	66.4	337.0	439.0	775.2	105.2	9.3	248.4
ARKANSAS	11	7	3.1	23.9	2.5	4.7	17.7	72.1	78.9	149.2	(D)	[2] (D)	[2](D)
LOUISIANA	24	16	4.0	35.0	3.0	6.4	24.8	121.6	174.6	298.9	58.9	3.2	61.1
OKLAHOMA	6	4	.2	1.1	.1	.2	.7	1.8	4.5	6.3	.1	[2](D)	[2](D)
TEXAS	61	30	4.0	32.8	3.1	6.5	23.2	141.5	181.0	320.9	(D)	3.5	126.7
WEST REGION	127	59	12.5	101.6	6.9	13.9	53.6	348.7	199.4	544.5	25.6	15.8	364.1
MOUNTAIN DIVISION	28	16	4.5	31.8	2.0	4.0	15.4	129.3	58.7	187.6	14.7	(D)	(D)
MONTANA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
IDAHO	4	3	3.5	24.8	1.3	2.6	10.4	103.4	34.6	138.3	9.6	[2](D)	[2](D)
COLORADO	5	4	.3	1.9	.2	.4	1.5	6.5	7.7	13.1	3.2	.1	1.9
NEVADA	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	99	43	8.0	69.8	4.9	9.9	38.2	219.4	140.7	357.0	10.8	(D)	(D)
WASHINGTON	12	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	82	36	4.1	33.6	2.9	5.9	22.2	110.7	125.8	234.3	10.3	3.7	87.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated.

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over.

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Alkalies and chlorine (SIC 2812)	Industrial gases (SIC 2813)	Cyclic, intermediates and crudes (SIC 2815)	Inorganic pigments (SIC 2816)	Industrial organic chemicals, n.e.c. (SIC 2818)	Industrial inorganic chemicals, n.e.c. (SIC 2819)
PRIMARY PRODUCT SPECIALIZATION RATIO [1]	.67	.96	.73	.90	.72	[3] .86
COVERAGE RATIO [2]	.75	.89	.66	.84	.81	[3] .78
ESTABLISHMENTS, TOTAL .NUMBER	44	507	177	98	488	718
WITH 1 TO 19 EMPLOYEES .DO	4	351	70	38	220	360
WITH 20 TO 99 EMPLOYEES .DO	10	143	43	33	119	209
WITH 100 EMPLOYEES OR MORE .DO	30	13	64	27	149	149
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	19.2	10.3	30.0	12.6	95.1	81.2
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	155.7	78.5	251.1	97.2	844.9	662.4
PRODUCTION WORKERS:						
AVERAGE FOR YEAR 1,000	12.8	5.3	20.3	8.9	62.4	51.8
MARCH .DO	12.9	5.4	20.7	9.0	62.1	52.2
MAY .DO	13.0	5.4	20.7	8.9	62.2	52.2
AUGUST .DO	12.9	5.4	20.6	8.7	63.2	52.0
NOVEMBER .DO	12.4	5.1	19.6	8.8	62.1	50.9
MAN-HOURS .MILLIONS	25.5	11.1	41.7	17.7	126.4	106.2
JANUARY-MARCH .DO	6.5	2.9	10.8	4.6	32.1	26.7
APRIL-JUNE .DO	6.5	2.8	10.8	4.5	31.6	27.0
JULY-SEPTEMBER .DO	6.3	2.8	10.0	4.2	30.8	26.1
OCTOBER-DECEMBER .DO	6.3	2.6	10.1	4.4	31.8	26.3
WAGES MILLION DOLLARS	94.4	36.6	152.9	63.2	499.8	381.4
COST OF MATERIALS, ETC., TOTAL .DO	302.0	188.8	874.5	235.0	2 849.0	1 986.0
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	185.1	83.1	751.3	197.3	2 398.1	1 526.3
COST OF RESALES .DO	18.9	41.6	64.9	15.2	154.1	104.2
FUELS CONSUMED .DO	45.2	12.1	33.2	15.4	180.5	121.4
PURCHASED ELECTRIC ENERGY .DO	50.8	51.5	20.9	6.3	83.1	218.3
CONTRACT WORK .DO	2.0	.5	4.3	.9	33.1	15.8
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	719.8	588.7	1 596.8	549.3	6 377.8	4 248.4
VALUE OF RESALES .DO	21.7	80.2	85.6	20.1	182.9	123.5
VALUE ADDED BY MANUFACTURE .DO	419.2	400.9	729.5	316.3	3 575.3	2 295.4
MANUFACTURERS' INVENTORIES:						
BEGINNING OF YEAR, TOTAL .DO	67.6	19.5	248.1	104.3	742.6	428.1
FINISHED PRODUCTS .DO	29.7	14.0	119.0	45.0	370.1	182.6
WORK IN PROCESS .DO	3.9	.2	59.9	9.6	130.0	71.4
MATERIALS, SUPPLIES, FUEL, ETC. .DO	34.1	5.2	69.2	49.7	242.4	174.2
END OF YEAR, TOTAL .DO	71.4	21.2	261.8	108.6	801.1	473.8
FINISHED PRODUCTS .DO	31.4	14.7	125.3	47.0	418.8	212.2
WORK IN PROCESS .DO	3.6	.5	60.9	9.6	127.8	74.7
MATERIALS, SUPPLIES, FUEL, ETC. .DO	36.4	6.0	75.6	51.9	254.5	186.9
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	98.0	124.3	139.4	21.7	788.2	264.3
NEW PLANT AND EQUIPMENT, TOTAL .DO	98.0	123.7	136.1	20.8	781.2	261.4
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	13.3	17.5	24.6	3.1	152.6	75.3
NEW MACHINERY AND EQUIPMENT .DO	84.7	106.2	111.6	17.7	628.5	186.1
USED PLANT AND EQUIPMENT .DO	.1	.6	3.2	.9	7.0	2.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, "Explanation of Terms."

(D) Withheld to avoid disclosing figures for individual companies.

[1] The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2] The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

[3] Government-owned, privately operated establishments did not enter into the calculation of "Primary product specialization ratio" or "Coverage ratio" as all dollar receipts for these establishments were included in "Miscellaneous receipts."

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2812-- ALKALIES AND CHLORINE											
ESTABLISHMENTS, TOTAL	44	19.2	155.7	12.8	25.5	94.4	419.2	302.0	719.8	98.0	71.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	3	.2	1.4	.1	.3	.9	5.1	7.1	12.1	[2]12.7	1.1
5 TO 9 EMPLOYEES[e]	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES[e]	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	5	.4	3.1	.3	.6	2.3	18.4	10.3	28.7	8.3	1.1
100 TO 249 EMPLOYEES	12	1.8	13.9	1.3	2.7	9.7	60.1	54.4	114.5	26.2	9.2
250 TO 499 EMPLOYEES	6	1.8	14.1	1.3	2.7	9.6	47.7	36.3	83.4	9.0	8.2
500 TO 999 EMPLOYEES	6	4.8	41.8	2.9	6.0	23.3	128.9	84.0	212.1	20.5	21.3
1,000 TO 2,499 EMPLOYEES	6	10.2	81.4	6.8	13.2	48.5	159.1	109.9	269.0	21.3	30.4
ESTABS. COVERED BY ADMIN. RECORDS[1]	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2813-- INDUSTRIAL GASES											
ESTABLISHMENTS, TOTAL	507	10.3	78.5	5.3	11.1	36.6	400.9	188.8	588.7	123.7	21.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	150	.3	1.9	.2	.4	1.1	14.2	7.8	22.1	[2]47.2	.5
5 TO 9 EMPLOYEES	86	.6	4.6	.3	.8	2.4	33.8	13.6	47.3	(D)	.9
10 TO 19 EMPLOYEES	115	1.6	12.7	.9	1.9	6.4	73.6	32.1	105.1	24.2	4.2
20 TO 49 EMPLOYEES	110	3.4	25.8	1.7	3.5	11.7	139.6	60.8	199.3	41.2	7.6
50 TO 99 EMPLOYEES	33	2.2	17.3	.9	1.8	6.3	88.4	37.2	126.3	3.4	3.9
100 TO 249 EMPLOYEES	12	2.2	16.2	1.3	2.6	8.8	51.4	37.2	88.6	7.7	4.2
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	26	(Z)	.3	(Z)	(Z)	.1	1.0	.7	1.6	.1	.1
2815-- CYCLIC INTERMEDIATES AND CRUDES											
ESTABLISHMENTS, TOTAL	177	30.0	251.1	20.3	41.7	152.9	729.5	874.5	1 596.8	136.1	261.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	26	(Z)	.3	(Z)	.1	.2	4.7	9.7	14.4	[2]2.6	1.2
5 TO 9 EMPLOYEES	20	.1	1.2	.1	.2	.6	2.8	5.4	8.3	(D)	.9
10 TO 19 EMPLOYEES	24	.3	2.5	.2	.5	1.4	10.6	22.6	33.3	.4	4.2
20 TO 49 EMPLOYEES	27	.9	6.8	.6	1.2	4.2	25.0	46.1	70.0	1.7	10.5
50 TO 99 EMPLOYEES	16	1.1	8.9	.8	1.7	5.6	32.0	55.4	87.1	2.5	8.9
100 TO 249 EMPLOYEES	37	5.8	45.7	3.8	8.0	26.5	127.8	178.5	299.4	25.1	59.1
250 TO 499 EMPLOYEES	13	4.5	34.6	3.0	6.1	20.7	145.8	154.2	299.1	43.0	41.4
500 TO 999 EMPLOYEES	7	5.1	44.3	3.4	7.1	26.2	106.8	99.1	204.9	21.4	38.4
1,000 TO 2,499 EMPLOYEES	7	12.1	106.6	8.3	16.9	67.5	273.8	303.5	580.3	39.4	97.1
ESTABS. COVERED BY ADMIN. RECORDS[1e]	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2816-- INORGANIC PIGMENTS											
ESTABLISHMENTS, TOTAL	98	12.6	97.2	8.9	17.7	63.2	316.3	235.0	549.3	20.8	108.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	14	(Z)	.2	(Z)	(Z)	.1	.7	.6	1.3	(Z)	.2
5 TO 9 EMPLOYEES	13	.1	.6	.1	.1	.4	2.2	7.7	10.2	.1	.8
10 TO 19 EMPLOYEES	11	.2	1.0	.1	.2	.6	2.5	2.2	4.6	.1	.5
20 TO 49 EMPLOYEES	22	.7	5.0	.6	1.1	3.3	25.1	27.5	52.9	.6	5.7
50 TO 99 EMPLOYEES	11	.7	5.2	.6	1.2	3.5	19.5	18.2	36.9	1.1	5.3
100 TO 249 EMPLOYEES	12	1.8	12.0	1.3	2.6	8.1	33.0	47.9	78.1	7.7	17.8
250 TO 499 EMPLOYEES	11	4.3	32.3	2.8	5.8	19.4	104.7	77.9	184.3	6.5	38.9
500 TO 999 EMPLOYEES	1	4.8	41.0	3.4	6.5	27.8	128.5	53.1	181.0	4.7	39.3
1,000 TO 2,499 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2818-- INDUSTRIAL ORGANIC CHEMICALS, NEC											
ESTABLISHMENTS, TOTAL	488	95.1	844.9	62.4	126.4	499.8	3 575.3	2 849.0	6 377.8	781.2	801.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	125	.2	1.3	.2	.2	.7	4.5	4.0	8.5	[2]71.8	1.2
5 TO 9 EMPLOYEES	49	.3	2.8	.2	.5	1.4	9.4	15.3	24.5	.9	3.1
10 TO 19 EMPLOYEES	46	.6	4.8	.4	.9	2.7	23.0	28.7	51.2	1.4	6.3
20 TO 49 EMPLOYEES	69	2.1	16.9	1.4	2.8	9.3	64.8	96.5	158.2	11.6	21.2
50 TO 99 EMPLOYEES	50	3.5	27.5	2.2	4.8	15.5	112.2	152.3	262.8	28.8	36.3
100 TO 249 EMPLOYEES	70	11.1	90.6	7.1	14.9	53.5	417.1	440.1	850.1	85.8	111.6
250 TO 499 EMPLOYEES	38	13.5	120.5	8.9	19.1	72.4	571.2	524.6	1 078.3	159.2	150.6
500 TO 999 EMPLOYEES	21	15.1	130.3	9.6	18.8	74.7	525.7	348.0	872.5	161.9	90.1
1,000 TO 2,499 EMPLOYEES	13	21.8	194.5	14.2	29.4	116.9	928.2	588.7	1 504.4	125.6	177.6
2,500 EMPLOYEES OR MORE	7	27.0	255.5	18.2	35.0	152.6	919.2	650.8	1 567.5	134.0	203.1
ESTABS. COVERED BY ADMIN. RECORDS[1e]	83	.1	.8	.1	.1	.4	2.7	2.4	5.2	.3	.8

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967–Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2819-- INDUST. INORGANIC CHEMICALS, NEC											
ESTABLISHMENTS, TOTAL	718	81.2	662.4	51.8	106.2	381.4	2 295.4	1 986.0	4 248.4	261.4	473.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	168	.3	2.1	.3	.5	1.3	26.3	38.9	60.7	[2]45.0	9.9
5 TO 9 EMPLOYEES	85	.6	4.1	.4	.8	2.5	23.5	25.1	48.3	.8	4.3
10 TO 19 EMPLOYEES	107	1.5	10.7	1.1	2.2	6.9	58.2	51.8	109.1	8.7	9.6
20 TO 49 EMPLOYEES	117	3.8	26.8	2.7	5.4	17.3	132.4	158.4	286.8	10.3	27.9
50 TO 99 EMPLOYEES	92	6.3	48.5	4.4	9.5	31.9	207.7	277.9	485.3	24.4	61.7
100 TO 249 EMPLOYEES	74	11.4	91.5	8.0	17.1	59.4	366.9	393.5	750.9	42.0	94.9
250 TO 499 EMPLOYEES	42	15.0	121.2	10.5	21.8	77.8	444.3	397.4	831.2	53.8	124.7
500 TO 999 EMPLOYEES	21	14.7	121.0	10.4	21.4	79.7	367.6	436.3	801.8	62.5	106.8
1,000 TO 2,499 EMPLOYEES	8	11.4	98.0	6.4	12.2	47.6	253.2	153.6	405.9	13.8	33.9
2,500 EMPLOYEES OR MORE	4	16.2	138.4	7.7	15.3	57.0	415.4	53.0	468.4	(D)	(Z)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	104	.2	1.1	.2	.2	.6	4.4	3.9	8.3	.5	.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussions of items.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments: Total (million dollars)	Value of shipments: Primary products (million dollars)	Value of shipments: Secondary products (million dollars)	Value of shipments: Miscellaneous receipts (million dollars)	Value of shipments: Primary product specialization ratio Col. B / Col. B+C (percent)	Value of primary product shipments: Total, made in all industries (million dollars)	Value of primary product shipments: Made in this industry (million dollars)	Value of primary product shipments: Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2812	Alkalies and chlorine.....1967..	719.8	465.4	231.8	22.7	67	623.0	465.4	157.6	75
	1963..	652.1	416.0	214.2	22.0	66	526.5	416.0	110.5	79
2813	Industrial gases.....1967..	588.7	481.7	19.3	87.8	96	543.4	481.7	61.7	89
	1963..	425.4	340.8	7.8	76.8	98	389.6	340.8	48.9	87
2815	Cyclic intermediates and crudes.....1967..	1,596.8	1,092.1	412.7	91.9	73	1,654.2	1,092.1	562.0	66
	1963..	1,212.8	(D)	(D)	(D)	(NA)	1,195.2	(D)	(D)	(NA)
2816	Inorganic pigments.....1967..	549.3	472.0	53.7	23.5	90	560.8	472.0	88.7	84
	1963..	484.8	419.5	40.3	24.9	91	480.4	419.5	60.8	87
2818	Industrial organic chemicals, n.e.c.....1967..	6,377.8	4,461.2	1,705.2	211.4	72	5,539.4	4,461.2	1,078.3	81
	1963..	4,840.2	3,384.2	1,310.0	146.0	72	4,183.8	3,384.2	799.6	81
2819	Industrial inorganic chemicals, n.e.c....1967..	4,248.4	2,900.1	453.9	894.4	[1]86	3,719.1	2,900.1	818.9	[1]78
	1963..	3,493.9	2,217.5	294.2	982.3	[1]88	2,995.9	2,217.5	778.4	[1]74

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Government-owned, privately operated establishments did not enter into the calculation of "Primary product specialization ratio" or "Coverage ratio" as all dollar receipts for these establishments were included in "Miscellaneous receipts."

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry, and miscellaneous receipts	All industries	Alkalies and chlorine (SIC 2812)	Industrial gases (SIC 2813)	Cyclic intermediates and crudes (SIC 2815)	Inorganic pigments (SIC 2816)	Industrial organic chemicals n.e.c. (SIC 2818)	Industrial inorganic chemicals n.e.c. (SIC 2819)	Other industries
	Total shipments and miscellaneous receipts	(X)	719.8	588.7	1,596.8	549.3	6,377.8	4,248.4	(X)
2812-	Alkalies and chlorine	623.0	465.4	-	(5-10)	-	113.0	(20-50)	4.1
28121	Chlorine, compressed or liquefied	190.8	143.7	-	(over 2)	-	26.2	(10-20)	(over 2)
28122	Sodium carbonate, (soda ash)	140.9	127.4	-	(over 2)	-	(under 2)	(5-10)	-
28123	Sodium hydroxide (caustic soda)	254.9	165.7	-	(under 2)	-	78.7	(5-10)	(over 2)
28124	Other alkalies	35.2	27.3	-	-	-	(5-10)	(under 2)	-
28120	Alkalies and chlorine, n.s.k	1.3	1.3	-	-	-	-	-	(Z)
2813-	Industrial gases	543.4	4.6	481.7	(under 2)	(under 2)	(10-19)	20.1	20.3
28132	Acetylene	83.2	-	61.7	-	-	(2-5)	(5-10)	(10-20)
28133	Carbon dioxide	48.0	(2-5)	39.5	(under 2)	(under 2)	(under 2)	(2-5)	(under 2)
28134	Elemental gases and compressed and liquefied gases, n.e.c	390.8	(under 2)	359.0	(under 2)	-	13.2	10.1	(5-10)
28130	Industrial gases, n.s.k	21.4	-	21.4	-	-	-	-	-
2815-	Cyclic intermediates and crudes	1,654.2	6.8	-	1,092.1	(5-10)	360.2	(5-10)	177.9
28151	Cyclic intermediates	1,066.1	6.8	-	624.8	(under 2)	294.3	(5-10)	131.7
28152	Synthetic organic dyes	325.6	-	-	225.4	(under 2)	(50-100)	(under 2)	(20-50)
28153	Synthetic organic pigments, lakes, and toners	162.2	-	-	149.5	(5-10)	(over 2)	-	(under 2)
28155	Cyclic (coal tar) crudes	87.6	-	-	(50-100)	-	(under 2)	(under 2)	(5-10)
28150	Cyclic intermediates and crudes, n.s.k	12.7	-	-	(10-19)	-	-	-	(under 2)
2816-	Inorganic pigments	560.8	(Z)	-	16.7	472.0	(10-19)	29.0	(20-50)
28161	Titanium pigments	298.4	(Z)	-	-	277.3	(10-19)	(10-19)	-
28162	Other white opaque pigments	65.4	-	-	-	(20-50)	-	(5-10)	11.6
28163	Chrome colors and other inorganic pigments	189.3	-	-	16.7	142.8	0.7	9.4	19.7
28160	Inorganic pigments, n.s.k	7.6	-	-	-	(5-10)	-	-	(under 2)
2818-	Industrial organic chemicals, n.e.c	5,539.4	(50-100)	(under 2)	168.4	-	4,461.2	154.9	678.0
28181	Miscellaneous cyclic chemical products	315.1	(10-19)	(under 2)	21.3	-	202.2	5.8	74.6
28182	Miscellaneous acyclic chemicals and chemical products	4,052.2	64.2	(under 2)	84.2	-	3,336.7	(100-250)	448.0
28183	Synthetic organic chemicals, n.e.c. (except bulk surface active agents)	585.6	-	-	26.7	-	452.7	8.0	98.3
28184	Pesticides and other organic chemicals (not formulations)	308.2	(under 2)	-	34.6	-	242.2	(10-19)	16.3
28185	Ethyl alcohol and other industrial organic chemicals, n.e.c	239.4	-	-	1.6	-	190.4	8.4	39.0
28180	Industrial organic chemicals, n.e.c., n.s.k	38.7	-	-	-	-	37.0	(Z)	1.8
2819-	Industrial inorganic chemicals, n.e.c	3,719.1	83.9	(over 2)	74.6	(20-50)	260.8	2,900.1	368.5
28191	Synthetic ammonia, nitric acid, and ammonium compounds	827.3	10.4	-	(10-19)	(under 2)	101.6	609.1	94.0
28192	Inorganic industrial and household bleaching compounds	209.4	(10-19)	-	(under 2)	-	(2-5)	154.6	36.2
28193	Sulfuric acid	250.6	(under 2)	-	(2-5)	(2-5)	21.3	188.4	31.3
28194	Inorganic acids, except nitric and sulfuric	248.8	(5-10)	-	(20-49)	-	47.8	111.7	54.8
28195	Aluminum oxide	402.4	-	-	-	-	(under 2)	(250-500)	(2-5)
28196	Other aluminum compounds	127.2	-	-	-	-	4.4	117.5	5.3
28197	Potassium and sodium compounds (except bleaches, alkalies, and alums)	455.7	(10-19)	-	19.7	(under 2)	20.9	374.7	26.2
28198	Chemical catalytic preparations	123.1	(under 2)	-	-	-	16.5	99.2	(5-10)
28199	Other inorganic chemicals, n.e.c	1,035.5	39.8	(over 2)	(5-10)	19.9	44.7	807.5	110.2
28190	Industrial inorganic chemicals, n.e.c., n.s.k	38.9	-	-	-	-	(Z)	(20-50)	(under 2)
	Other product shipments by 4-digit product group								
1321-	Natural gas liquids	(X)	-	(10-20)	-	-	(over 2)	-	(X)
2042-	Prepared feeds	(X)	-	-	-	-	(2-5)	-	(X)
2085-	Distilled, rectified, and blended liquors, except brandy	(X)	-	-	-	-	(over 2)	-	(X)
2611-	Pulp	(X)	-	-	-	-	(over 2)	-	(X)
2821-	Plastics materials and resins	(X)	(20-50)	-	52.7	(5-10)	417.9	15.8	(X)
2822-	Synthetic rubber	(X)	-	-	(2-5)	-	73.1	-	(X)
2833-	Medicinals and botanicals	(X)	(over 2)	-	19.6	-	46.3	(10-20)	(X)
2834-	Pharmaceutical preparations	(X)	-	-	(over 2)	-	(under 2)	-	(X)
2841-	Soap and other detergents	(X)	-	-	-	-	0.9	31.4	(X)
2842-	Polishes and sanitation goods	(X)	-	-	-	-	(10-20)	7.0	(X)
2843-	Surface active agents	(X)	(over 2)	-	27.1	-	49.1	2.9	(X)
2844-	Toilet preparations	(X)	-	-	-	-	13.3	(under 2)	(X)
2851-	Paints and allied products	(X)	-	-	9.3	2.9	(10-20)	(2-5)	(X)
2871-	Fertilizers	(X)	-	-	-	-	(under 2)	33.8	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product code	Class of products, industry, and miscellaneous receipts	All industries	Alkalies and chlorine (SIC 2812)	Industrial gases (SIC 2813)	Cyclic intermediates and crudes (SIC 2815)	Inorganic pigments (SIC 2816)	Industrial organic chemicals n.e.c. (SIC 2818)	Industrial inorganic chemicals n.e.c. (SIC 2819)	Other industries
	Other product shipments by 4-digit product group--Continued								
2872-	Fertilizers, mixing only	(X)	-	-	-	-	(over 2)	(over 2)	(X)
2879-	Agricultural chemicals, n.e.c	(X)	12.0	-	(under 2)	(under 2)	107.1	22.4	(X)
2891-	Adhesives and gelatin	(X)	-	-	(Z)	-	(5-10)	(under 2)	(X)
2892-	Explosives	(X)	-	-	(Z)	-	(5-10)	-	(X)
2899-	Chemical preparations, n.e.c	(X)	(under 2)	-	(under 2)	(under 2)	81.5	32.6	(X)
2911-	Petroleum refinery products	(X)	-	-	(5-10)	-	55.1	(under 2)	(X)
2952-	Asphalt felts and coatings	(X)	-	-	(5-10)	-	-	-	(X)
3031-	Reclaimed rubber	(X)	-	-	-	-	(over 2)	-	(X)
3069-	Fabricated rubber products, n.e.c	(X)	-	-	-	-	(over 2)	-	(X)
3241-	Cement, hydraulic	(X)	(over 2)	-	-	-	-	-	(X)
3274-	Lime	(X)	(over 2)	(under 2)	-	-	-	-	(X)
3275-	Gypsum products	(X)	-	-	(over 2)	-	-	(under 2)	(X)
3295-	Minerals, ground or treated	(X)	(over 2)	-	-	-	(under 2)	1.3	(X)
3313-	Electrometallurgical products	(X)	-	-	-	(under 2)	-	(10-20)	(X)
3339-	Primary nonferrous metals, n.e.c	(X)	-	-	-	-	-	2.1	(X)
3341-	Secondary nonferrous metals	(X)	-	-	-	-	-	(10-20)	(X)
3369-	Nonferrous castings, n.e.c	(X)	-	-	-	-	-	(over 2)	(X)
3624-	Carbon and graphite products	(X)	-	-	-	-	8.8	-	(X)
	Other products	(X)	(under 2)	(under 2)	3.3	2.8	1.5	3.7	(X)
	Miscellaneous receipts	(X)	22.7	87.8	91.9	23.5	211.4	894.4	(X)
	Resales	(X)	21.7	80.2	85.6		182.9	123.5	(X)
	Contract work	(X)	1.0	7.6	3.7	20.1	20.4	755.1	(X)
	Other receipts	(X)			2.6	3.4	8.0	15.8	(X)

Product code	Class of products, industry, and miscellaneous receipts	Other industries
	Listing of the other industries with over $2 million shipments of the primary products	
2812-	2611 Pulpmills	(over 2)
2813-	2821 Plastics materials and resins	(over 2)
2813-	2911 Petroleum refining	(2-5)
2813-	3313 Electrometallurgical products	(10-20)
2815-	2821 Plastics materials and resins	42.8
2815-	2822 Synthetic rubber	(10-20)
2815-	2833 Medicinals and botanicals	(10-20)
2815-	2841 Soap and other detergents	(2-5)
2815-	2851 Paints and allied products	(2-5)
2815-	2879 Agricultural chemicals, n.e.c	(20-50)
2815-	2893 Printing ink	(over 2)
2815-	2911 Petroleum refining	60.5
2815-	2952 Asphalt felts and coatings	(over 2)
2816-	2833 Medicinals and botanicals	(over 2)
2816-	2851 Paints and allied products	2.3
2816-	2899 Chemical preparations, n.e.c	10.7
2816-	3333 Primary zinc	(over 2)
2818-	2042 Prepared feeds for animals and fowls	(over 2)
2818-	2043 Cereal preparations	(over 2)
2818-	2821 Plastics materials and resins	148.1
2818-	2822 Synthetic rubber	(50-100)
2818-	2823 Cellulosic manmade fibers	(50-100)
2818-	2824 Organic fibers, noncellulosic	(20-50)
2818-	2833 Medicinals and botanicals	17.4
2818-	2834 Pharmaceutical preparations	41.1
2818-	2841 Soap and other detergents	(20-50)
2818-	2843 Surface active agents	23.9
2818-	2844 Toilet preparations	2.8
2818-	2851 Paints and allied products	(5-10)
2818-	2861 Gum and wood chemicals	(5-10)

Product code	Class of products, industry, and miscellaneous receipts	Other industries
	Listing of the other industries with over $2 million shipments of the primary products--Continued	
2818-	2879 Agricultural chemicals, n.e.c	42.6
2818-	2899 Chemical preparations, n.e.c	42.2
2818-	2911 Petroleum refining	129.8
2818-	3011 Tires and inner tubes	(over 2)
2818-	3079 Miscellaneous plastics products	(2-5)
2818-	3861 Photographic equipment and supplies	(over 2)
2818-	3999 Manufactures, n.e.c	(over 2)
2819-	2631- Paperboard mills	(over 2)
2819-	2821 Plastics materials and resins	11.4
2819-	2822 Synthetic rubber	(over 2)
2819-	2823 Cellulosic manmade fibers	8.1
2819-	2824 Organic fibers, noncellulosic	(10-20)
2819-	2833 Medicinals and botanicals	(2-5)
2819-	2834 Pharmaceutical preparations	(2-5)
2819-	2841 Soap and other detergents	34.6
2819-	2842 Polishes and sanitation goods	5.8
2819-	2871 Fertilizers	145.5
2819-	2879 Agricultural chemicals, n.e.c	5.7
2819-	2891 Adhesives and gelatin	2.7
2819-	2892 Explosives	10.9
2819-	2911 Petroleum refining	39.2
2819-	3274 Lime	(over 2)
2819-	3295 Minerals, ground or treated	(over 2)
2819-	3313 Electrometallurgical products	(10-20)
2819-	3331 Primary copper	10.3
2819-	3333 Primary zinc	8.3
2819-	3339 Primary nonferrous metals, n.e.c	7.3
2819-	3341 Secondary nonferrous metals	(over 2)
2819-	3356 Nonferrous rolling and drawing, n.e.c	7.7
2819-	3913 Lapidary work	(over 2)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. Data shown parenthetically above are ranges expressed in millions of dollars.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967					1963				
		Production for all purposes (1,000 short tons)	Total shipments including interplant transfers		Commercial shipments		Production for all purposes (1,000 short tons)	Total shipments including interplant transfers		Commercial shipments	
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2812- --	ALKALIES AND CHLORINE, TOTAL:										
	As reported in the census of manufactures	(X)	(X)	623.0	(X)	(X)	(X)	(X)	526.5	(X)	(X)
	As reported in Current Industrial Reports M28A	(X)	(X)	608.2	(X)	(X)	(X)	(X)	530.9	(X)	(X)
28121 --	Chlorine:										
	As reported in the census of manufactures	(X)	(X)	190.8	(X)	(X)	(X)	(X)	164.0	(X)	(X)
	As reported in Current Industrial Reports M28A	(X)	(X)	188.6	(X)	(X)	(X)	(X)	164.9	(X)	(X)
28121 11	Gas	[1]7,679.9	419.3	21.7	340.4	17.2	[1]5,464.1	426.6	23.1	316.9	16.7
28121 15	Liquid	3,935.8	3,260.0	166.9	3,028.0	154.2	2,920.1	2,447.8	141.8	2,193.0	126.8
28122 --	Sodium carbonate (soda ash), total:[2]										
	As reported in the census of manufactures	(X)	(X)	140.9	(X)	(X)	(X)	(X)	123.6	(X)	(X)
	As reported in Current Industrial Reports M28A	(X)	(X)	132.2	(X)	(X)	(X)	(X)	124.7	(X)	(X)
	Synthetic (58% Na_2O):										
28122 51	Total crude bicarbonate equivalent	[3]4,848.9	(X)	(X)	(X)	(X)	[3]4,681.8	(X)	(X)	(X)	(X)
28122 31	Finished sodium bicarbonate[4]	122.5	122.1	7.4	(D)	(D)	107.6	104.7	6.9	(D)	(D)
28122 41	Finished dense ash	2,592.1	2,527.4	74.7	(D)	(D)	2,183.5	2,155.7	64.4	(D)	(D)
28122 45	Finished light ash	[5]2,105.3	1,715.5	50.1	1,498.5	44.4	[5]2,277.7	1,788.1	53.3	1,555.8	46.2
28123 --	Sodium hydroxide (caustic soda), total:										
	As reported in the census of manufactures	(X)	(X)	254.9	(X)	(X)	(X)	(X)	209.7	(X)	(X)
	As reported in Current Industrial Reports M28A	(X)	(X)	257.1	(X)	(X)	(X)	(X)	212.6	(X)	(X)
28123 51 28123 70	Total (all processes) (100% NaOH)	[6]8,397.9	(X)	(X)	(X)	(X)	[6]5,814.4	(X)	(X)	(X)	(X)
28123 61 28123 71	68-74% liquid[7]	912.5	689.3	29.6	638.2	27.5	978.7	898.3	42.3	826.0	39.0
28123 65 28123 75	All other liquid[7]	6,777.2	4,351.2	185.6	3,789.0	161.1	4,232.7	2,853.7	128.6	2,464.0	110.2
28122 67 28122 77	Dry (all forms)[8]	565.0	505.0	42.0	477.8	39.7	592.3	585.0	41.7	559.6	39.4
28124 --	Other alkalies:										
	As reported in the census of manufactures	(X)	(X)	35.2	(X)	(X)	(X)	(X)	27.6	(X)	(X)
	As reported in Current Industrial Reports M28A	(X)	(X)	30.3	(X)	(X)	(X)	(X)	28.7	(X)	(X)
	Potassium hydroxide (caustic potash) (88-92% KOH):										
28124 21	Total liquid	[7]175.1	(X)	(X)	(X)	(X)	[7]129.7	(X)	(X)	(X)	(X)
28124 22	Liquid	152.8	128.1	17.6	114.5	15.7	109.5	94.6	13.7	78.5	11.7
28124 23	Solid	22.2	21.1	4.5	(D)	(D)	20.2	20.4	3.9	20.2	3.9
28124 90	Other alkalies[9]	(X)	(X)	8.2	(X)	(X)	(X)	(X)	11.1	(X)	(X)
28120 00	Alkalies and chlorine, n.s.k., reported in the census of manufactures. (For companies with 10 or more employees. See Note)	(X)	(X)	1.3	(X)	(X)	(X)	(X)	1.5	(X)	(X)
28120 02	Alkalies and chlorine, n.s.k., reported in the census of manufactures (For companies with less than 10 employees. See Note)	(X)	(X)	(Z)	(X)	(X)					

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers: Quantity	Total shipments, including interplant transfers: Value (million dollars)	Production for all purposes (quantity)	Total shipments, including interplant transfers: Quantity	Total shipments, including interplant transfers: Value (million dollars)
2813- --	INDUSTRIAL GASES, TOTAL:							
	As reported in the census of manufactures	.....	(X)	(X)	[10]543.4	(X)	(X)	[10]389.6
	As reported in Current Industrial Reports M28A.	.....	(X)	(X)	[10]588.1	(X)	(X)	[10]394.0
28132 --	Acetylene:							
28132 00	As reported in the census of manufactures	Mil. cu. ft.	(X)	(X)	83.2	(X)	(X)	93.5
	As reported in Current Industrial Reports M28A	...do.....	[11]14,269	8,176	87.1	[11]14,730	8,878	94.6
28133 --	Carbon dioxide, total:							
28133 00	As reported in the census of manufactures	1,000 short tons.....	(X)	(X)	48.0	(X)	(X)	49.9
	As reported in Current Industrial Reports M28A	...do.....	1,089.3	971.6	47.4	976.7	877.9	48.9
28133 11	Liquid and gas	...do.....	[12]717.2	618.9	29.4	[12]542.5	463.4	27.8
28133 31	Solid (dry ice)	...do.....	372.1	352.7	18.0	434.2	414.5	21.1
28134 --	Elemental gases and compressed and liquefied gases, n.e.c., total:							
28134 00	As reported in the census of manufactures	.....	(X)	(X)	[10]390.8	(X)	(X)	[10]244.6
	As reported in Current Industrial Reports M28A	.....	(X)	(X)	[10]453.5	(X)	(X)	[10]250.5
28134 15	Argon, high purity (99.97-100%)	Mil. cu. ft.	1,912	1,910	25.5	970	968	18.1
	Shipped as gas	...do.....	(X)	291	9.5	(X)	251	9.7
	Shipped as liquid	...do.....	(X)	1,619	16.0	(X)	717	8.4
	Helium[13]	...do.....	4,712	907	(NA)	2,232	662	(NA)
	Hydrogen, total	...do.....	[14]158,539	27,666	39.1	[14]95,608	19,948	25.7
	High purity, total	...do.....	34,088	25,607	38.4	22,667	15,656	24.6
28134 23	Electrolytic process	...do.....	14,374	9,693	11.3	12,553	(D)	(D)
28134 25	From other soruces	...do.....	19,714	15,914	27.2	10,114	(D)	(D)
28134 27	Lower purity (less than 99.5%) (100% basis)	...do.....	124,451	2,059	0.7	72,941	4,292	1.1
28134 43	Nitrogen, high purity (99.5-100%)	...do.....	[15]103,933	91,941	99.6	[15]50,885	44,035	40.0
	Shipped as gas	...do.....	(X)	53,073	25.2	(X)	27,494	13.7
	Shipped as liquid	...do.....	(X)	38,867	68.1	(X)	16,541	26.3
	Oxygen, high purity (99.5-100%), total	...do.....	225,191	220,802	208.8	128,544	119,016	136.4
	Shipped as gas	...do.....	(X)	178,914	108.8	(X)	89,983	89.2
	Shipped as liquid	...do.....	(X)	41,888	100.0	(X)	29,033	47.2
28134 51	Electrolytic	...do.....	406	319	1.4	646	498	2.4
28134 54	Liquefaction	...do.....	224,785	220,483	207.4	127,898	118,518	134.0
28134 57	Oxygen, lower purity	1,000 short tons.....	[16]1,972.0	(D)	([17])	[16]1,942.6	(D)	([17])
28134 71	Nitrous oxide	Million gals. (STP).....	953.1	953.6	4.4	729.0	727.7	4.8
28134 98	Other industrial gases, n.e.c., including lower purity nitrogen, crude argon, and crude and high purity helium produced in privately owned plants[18]	.....	(X)	(X)	[17]76.1	(X)	(X)	[17]25.5
28130 00	Industrial gases, n.s.k. (reported in the census of manufactures) (For companies with 10 or more employees. See note.)	.....	(X)	(X)	19.8	(X)	(X)	1.6
28130 02	Industrial gases, n.s.k. (reported in the census of manufactures) (For companies with less than 10 employees. See note.)	.....	(X)	(X)	1.6			

Product code	Product	1967			1963		
		Total shipments including interplant transfers (million dollars)	Commercial shipments only (million dollars)	Interplant transfers only (million dollars)	Total shipments including interplant transfers (million dollars)	Commercial shipments only (million dollars)	Interplant transfers only (million dollars)
2815- --	CYCLIC INTERMEDIATES AND CRUDES, TOTAL[19]	1,654.2	(X)	(X)	1,195.2	(X)	(X)
28151 11	Cyclic (coal tar) intermediates[19]	1,066.1	795.6	270.5	758.6	548.2	210.3
28152 11	Synthetic organic dyes[19]	325.6	322.7	2.9	243.1	227.1	16.0
28153 11	Synthetic organic pigments, lakes, and toners[19]	162.2	130.5	31.7	111.7	84.3	27.4
28155 11	Cyclic (coal tar) crudes[19,20]	[1]87.6	77.9	9.7	79.3	(D)	(D)
28150 00	Cyclic intermediates and crudes, n.s.k. (For companies with 10 or more employees. See Note.)	11.9	(X)	(X)	2.5	(X)	(X)
28150 02	Cyclic intermediates and crudes, n.s.k. (For companies with less than 10 employees. See Note.)	0.8	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967					1963				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
		(1,000 short tons)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	(1,000 short tons)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2816- --	INORGANIC PIGMENTS, TOTAL	(X)	(X)	560.8	(X)	(X)	(X)	(X)	480.4	(X)	(X)
28161 11	Titanium pigments, composite and pure (100% TiO_2): [21]										
	As reported in the census of manufactures	(X)	(X)	298.4	(X)	(X)	(X)	(X)	277.3	(X)	(X)
	As reported in Current Industrial Reports M28A	589.4	582.3	297.3	542.5	277.2	519.5	528.4	278.5	486.5	257.5
28162 --	Other white opaque pigments, total	(X)	(X)	65.4	(X)	(X)	(X)	(X)	50.4	(X)	(X)
28162 13	White lead, excluding white lead in oil (basic carbonate and sulfate)	13.8	9.9	3.8	(X)	(X)	15.0	12.1	4.0	(X)	(X)
	Zinc oxide pigments:										
28162 21	Lead-free zinc oxide	(S)	(S)	46.9	(X)	(X)	150.9	147.8	33.8	(X)	(X)
28162 25	Leaded zinc oxide	(S)	(S)	2.6	(X)	(X)	15.9	15.5	3.6	(X)	(X)
28162 98	All other white opaque pigments, including antimony oxide, lithopone, and pure zinc sulfide	(X)	(X)	12.0	(X)	(X)	(X)	(X)	9.0	(X)	(X)
28162 00	Other white opaque pigments, n.s.k.	(X)	(X)	-	(X)	(X)	-	-	-	(X)	(X)
28163 --	Chrome colors and other inorganic pigments, total	(X)	(X)	189.3	(X)	(X)	(X)	(X)	151.8	(X)	(X)
	Chrome colors:										
28163 10	As reported in the census of manufactures	(X)	(X)	42.0	(X)	(X)	(X)	(X)	(NA)	(X)	(X)
	As reported in Current Industrial Reports M28A, total	(X)	(X)	41.9	(X)	(X)	(X)	(X)	20.2	(X)	(X)
28163 11	Chrome green (chrome yellow and iron blue) (C.P.) [21]	2.7	2.7	2.4	(D)	(D)	2.9	2.9	2.2	(D)	(D)
28163 13	Chrome oxide green (C.P.) [21]	5.2	5.4	5.2	(D)	(D)	5.2	5.3	4.6	(D)	(D)
28163 15	Chrome yellow and orange (C.P.) [21]	30.7	29.8	20.5	26.9	18.5	24.7	24.5	15.1	22.0	13.4
28163 17	Molybdate chrome orange (C.P.) [21]	10.4	10.1	9.5	9.3	8.7	8.4	8.0	8.2	(D)	(D)
28163 18	Zinc yellow (zinc chromate) (C.P.) [21]	7.8	7.6	4.3	(D)	(D)	6.9	6.7	3.2	(D)	(D)
28163 27	White extender pigments, including barytes, blanc fixe, and whiting	212.7	212.8	5.8	(X)	(X)	(S)	(S)	6.0	(X)	(X)
	Color pigments other than chrome colors and lakes and toners:										
28163 31	Iron oxide pigments	(S)	(S)	36.7	(X)	(X)	109.2	111.3	20.8	(X)	(X)
	Colored lead pigments:										
28163 41	Red lead	(S)	(S)	8.9	(X)	(X)	23.8	23.5	6.2	(X)	(X)
28163 45	Litharge	(S)	(S)	30.5	(X)	(X)	111.6	104.2	26.6	(X)	(X)
28163 51	Iron blues (Prussian blues, milori blue, etc.)	(S)	(S)	5.8	(D)	(D)	5.0	4.5	4.9	(D)	(D)
28163 61	Pearl essence	(S)	(S)	2.9	(X)	(X)	(S)	(S)	3.0	(X)	(X)
28163 88	Carbon blacks (bone and lamp) excluding furnace and channel carbon black and charcoal	(S)	(S)	([22])	(X)	(X)	(S)	(S)	4.4	(X)	(X)
28163 91	Ceramic colors	40.3	40.6	19.9	(X)	(X)	(X)	(X)	25.6	(X)	(X)
28163 98	All other color pigments, including ultramarine blue, excluding organic pigments, lakes, and toners	(X)	(X)	[22]34.1	(X)	(X)	(X)	(X)	18.7	(X)	(X)
28163 00	Chrome colors and other inorganic pigments, n.s.k.	(X)	(X)	2.8	(X)	(X)	(X)	(X)	2.2	(X)	(X)
28160 00	Inorganic color pigments, n.s.k. (For companies with 10 or more employees. (See Note.)	(X)	(X)	5.6	(X)	(X)	(X)	(X)	0.9	(X)	(X)
28160 02	Inorganic color pigments, n.s.k. (For companies with less than 10 employees. (See Note.)	(X)	(X)	2.0	(X)	(X)	(X)	(X)	(X)	(X)	(X)

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967			1963		
		Total shipments including interplant transfers (million dollars)	Commercial shipments only (million dollars)	Interplant transfers only (million dollars)	Total shipments including interplant transfers (million dollars)	Commercial shipments only (million dollars)	Interplant transfers only (million dollars)
2818- --	INDUSTRIAL ORGANIC CHEMICALS, N.E.C., TOTAL.....	5,539.4	(X)	(X)	4,183.8	(X)	(X)
28181 11	Miscellaneous cyclic (coal tar) chemical products[19].....	315.1	271.0	44.1	200.5	188.2	12.3
28182 11	Miscellaneous acyclic chemicals and chemical products[19].	4,052.2	3,164.7	887.5	3,129.1	2,165.5	963.6
28183 --	Synthetic organic chemicals, n.e.c. (except bulk surface active agents).....	585.6	(X)	(X)	426.8	(X)	(X)
28183 11	Flavor and perfume materials[19].....	119.0	(D)	(D)	86.6	(D)	(D)
28183 31	Rubber-processing chemicals[19].....	152.3	137.1	15.2	138.0	(D)	(D)
28183 51	Plasticizers[19].....	309.2	283.1	26.1	199.9	177.6	22.3
28183 00	Synthetic organic chemicals, n.e.c., n.s.k.....	5.1	(X)	(X)	2.2	(X)	(X)
28184 11	Pesticides and other synthetic organic agricultural chemicals (except preparations)[19].....	308.2	282.7	25.5	223.4	207.3	16.0
28185 --	Ethyl alcohol and other industrial organic chemicals, n.e.c., total.....	239.4	(X)	(X)	192.3	(X)	(X)
	Ethyl alcohol:[23]						
28185 11	Pure (natural).....	33.6	(D)	(D)	32.6	(D)	(D)
28185 21	Denatured (special or complete) including natural and synthetic, for uses other than rubbing	44.2	(D)	(D)	41.2	(NA)	(NA)
	Other industrial organic chemicals:						
28185 31	Flavor oil mixtures and blends.....	27.9	27.9	-	24.1	(NA)	(NA)
28185 37	Reagent and high purity grades of organic chemicals refined from purchased technical grades.	19.7	19.7	-	21.0	(NA)	(NA)
28185 51	Natural organic chemicals, n.e.c.....	44.0	(D)	(D)	22.1	(NA)	(NA)
28185 98	Other industrial organic chemicals.....	67.8	64.4	3.4	49.7	49.1	0.7
28185 00	Other industrial organic chemicals, n.s.k.....	2.2	(X)	(X)	1.4	(X)	(X)
28180 00	Industrial organic chemicals, n.e.c., n.s.k. (For companies with 10 or more employees. See Note.).....	33.5	(X)	(X)	11.6	(X)	(X)
28180 02	Industrial organic chemicals, n.e.c., n.s.k. (For companies with less than 10 employees. See Note.).....	5.2	(X)	(X)			

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967					1963				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
		(1,000 short tons)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	(1,000 short tons)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2819- --	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.:										
	As reported in the census of manufactures	(X)	(X)	3,719.1	(X)	(X)	(X)	(X)	[24]2,995.9	(X)	(X)
	As reported in Current Industrial Reports M28A[21]	(X)	(X)	[24]3,820.2	(X)	(X)	(X)	(X)	[24]3,002.4	(X)	(X)
28191 --	Synthetic ammonia, nitric acid, and ammonium compounds:										
28191 00	As reported in the census of manufactures	(X)	(X)	827.3	(X)	(X)	(X)	(X)	[24]587.8	(X)	(X)
	As reported in Current Industrial Reports M28A	(X)	(X)	[24]855.9	(X)	(X)	(X)	(X)	[24]593.7	(X)	(X)
28191 11	Nitric acid(100% HNO_3)	6,264.6	699.8	45.7	409.0	23.8	4,242.4	392.8	26.2	252.3	16.0
	Ammonia (100% NH_3)[25]										
28191 31	Anhydrous	12,200.2	7,010.0	382.9	5,858.1	327.1	6,693.0	3,464.8	238.6	3,039.7	207.5
28191 33	Aqua	64.9	55.1	4.1	53.4	3.9	59.9	52.7	4.3	49.9	4.1
	Ammonium compounds:										
	Chloride (100% NH_4Cl):										
28191 41	Gray	(D)	(D)	([26])	(D)	(D)	22.5	22.2	2.7	(D)	(D)
28191 43	White										
	Nitrate (100% NH_4NO_3), total	[27]6,005.1	3,361.4	173.6	(D)	(D)	[27]3,993.4	2,285.5	135.6	(D)	(D)
	Fertilizer use:										
28191 51	Solution	[28]2,297.3	235.7	10.8	(D)	(D)	[28]1,647.5	160.1	7.8	(D)	(D)
28191 52	Solid	2,851.8	2,672.4	139.5	(D)	(D)	1,926.8	1,841.2	112.2	(D)	(D)
28191 53	Explosive and other uses	750.4	453.3	23.3	(D)	(D)	419.1	284.1	15.6	258.8	14.2
28191 55	Nitrogen solutions, including mixtures containing urea (100% N)	1,517.0	1,464.6	163.7	(D)	(D)	1,107.3	1,050.5	125.2	(D)	(D)
28191 57	Sulfate (other than by-product coke oven) (100% $(NH_4)_2SO_4$)[25]	2,079.3	1,849.3	55.4	(D)	(D)	1,202.3	1,208.1	33.4	(D)	(D)
28191 59	Other ammonium compounds	(X)	(X)	[26]31.5	(X)	(X)	(X)	(X)	27.6	(X)	(X)
28192 --	Inorganic industrial and household bleaching compounds:										
28192 00	As reported in the census of manufactures	(X)	(X)	209.4	(X)	(X)	(X)	(X)	200.0	(X)	(X)
	As reported in Current Industrial Reports M28A	(X)	(X)	187.6	(X)	(X)	(X)	(X)	200.1	(X)	(X)
28192 11	Calcium hypochlorite (high test) (70% avail. Cl)	40.3	38.0	14.9	(D)	(D)	23.7	21.5	9.5	(D)	(D)
28192 43	Household liquid bleaches (sodium hypochlorite, etc.)	(X)	(X)	151.6	(X)	(X)	(X)	(X)	([29])	(X)	(X)
28192 53	Household dry bleaches (inorganic base)	(X)	(X)	17.9	(X)	(X)	(X)	(X)	([29])	(X)	(X)
28192 31	Industrial bleaches including										
28192 63	liquid lime bleaches	(X)	(X)	3.2	(X)	(X)	(X)	(X)	[29]190.7	(X)	(X)
28193 --	Sulfuric acid:										
28193 00	As reported in the census of manufactures	(X)	(X)	250.6	(X)	(X)	(X)	(X)	193.9	(X)	(X)
	As reported in Current Industrial Reports M28A	28,815.2	13,500.6	252.2	12,278.9	228.7	20,935.8	11,464.2	195.9	10,205.5	173.6
	Contact acid:										
28193 11	Oleum under 40%	2,070.0	1,492.2	29.4	1,182.2	22.9	1,801.3	1 445.8	25.9	(D)	(D)
28193 15	Oleum 40%	751.1	(D)	(D)	(D)	(D)	51.2	(D)	(D)	(D)	(D)
28193 17	Oleum over 40%	228.1	(D)	(D)	(D)	(D)	100.7	(D)	(D)	(D)	(D)
28193 31	Other than oleum grades	24,922.3	11,053.6	203.8	10,222.6	188.1	17,465.1	9,295.2	157.4	8,377.1	142.1
28193 51	Chamber acid	843.7	215.4	4.2	178.6	3.7	1,517.5	625.8	9.8	486.3	7.0
28193 71	Spent acid used in fortification in contact units and included in production reported above, including acid from own production or received from outside sources	1,079.7	(X)	(X)	(X)	(X)	898.3	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967					1963				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
		(1,000 short tons)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	(1,000 short tons)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2819- --	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.--Con.										
28194 --	Inorganic acids, except nitric and sulfuric:										
	As reported in the census of manufactures	(X)	(X)	248.8	(X)	(X)	(X)	(X)	[24]166.3	(X)	(X)
	As reported in Current Industrial Reports M28A	(X)	(X)	[24]237.0	(X)	(X)	(X)	(X)	[24]168.3	(X)	(X)
28194 11	Boric (boracic) (100% H_3BO_3)	122.4	101.6	10.0	(D)	(D)	104.1	91.5	10.3	(D)	(D)
28194 31	Chromic acid (100% CrO_3)[30]	22.0	21.8	11.9	(D)	(D)	19.7	19.4	9.7	(D)	(D)
	Hydrochloric, including anhydrous (100% HCl)[31]	1,630.2	695.7	31.1	(D)	(D)	1,053.5	514.9	26.7	(D)	(D)
28194 41	From salt	136.4	104.0	5.1	(D)	(D)	128.7	96.0	6.6	(D)	(D)
28194 45	From chlorine	121.7	99.4	5.0	(D)	(D)	92.3	71.3	4.3	64.4	4.1
28194 47	Byproduct and other	1,372.1	492.3	21.0	443.2	19.1	832.6	347.6	15.9	299.7	13.9
28194 51	Hydrocyanic, including anhydrous (100% HCN)	126.1	(D)	([32])	(D)	(D)	146.5	(D)	([32])	(D)	(D)
	Hydrofluoric (100% HF):										
28194 61	Anhydrous	161.3	118.4	32.3	(D)	(D)	116.9	74.2	20.7	(D)	(D)
28194 65	Technical	22.3	22.3	6.1	(D)	(D)	11.6	12.2	3.4	(D)	(D)
28194 67	Mixed (sulfuric and nitric)	306.3	(D)	([32])	(D)	(D)	187.6	(D)	([32])	(D)	(D)
	Phosphoric (100% P_2O_5)	5,066.4	1,076.7	120.3	(D)	(D)	2,904.8	613.7	76.5	(D)	(D)
28194 81	From phosphorus	1,072.9	308.8	43.0	(D)	(D)	947.3	285.0	41.6	(D)	(D)
28194 82	Fertilizer use	(NA)	(NA)	(NA)	(NA)	(NA)	184.5	111.8	14.7	(D)	(D)
28194 83	Other uses	(NA)	(NA)	(NA)	(NA)	(NA)	762.8	173.3	26.8	(D)	(D)
28194 85	From other sources (phosphate rock, etc.)	3,993.4	767.9	77.3	537.3	53.0	1,957.5	328.6	35.0	243.1	25.4
28194 86	Fertilizer use	(NA)	(NA)	(NA)	(NA)	(NA)	1,770.4	(D)	(D)	(D)	(D)
28194 87	Other uses	(NA)	(NA)	(NA)	(NA)	(NA)	187.0	(D)	(D)	(D)	(D)
28194 98	Other inorganic acid acids, n.e.c	(X)	(X)	[32]25.8	(X)	(X)	(X)	(X)	[32]21.0	(X)	(X)
28195 --	Aluminum oxide, except natural alumina (100% Al_2O_3):										
28195 00	As reported in the census of manufactures	(X)	(X)	402.4	(X)	(X)	(X)	(X)	318.5	(X)	(X)
28195 11	As reported in Current Industrial Reports M28A	6,045.6	6,021.8	409.5	734.6	57.7	4,817.1	4,788.0	319.3	502.5	38.0
28196 --	Other aluminum compounds:										
28196 00	As reported in the census of manufactures	(X)	(X)	127.2	(X)	(X)	(X)	(X)	103.8	(X)	(X)
	As reported in Current Industrial Reports M28A	(X)	(X)	122.6	(X)	(X)	(X)	(X)	100.5	(X)	(X)
	Chloride:										
28196 11	Liquid (32° Be')	22.4	11.7	1.0	(D)	(D)	26.6	13.1	1.0	(D)	(D)
28196 15	Crystal (32° Be')										
28196 17	Anhydrous (100% $AlCl_3$)	37.8	36.2	9.5	(D)	(D)	25.1	25.3	6.0	(D)	(D)
28196 25	Hydroxide; trihydrate (100% $Al_2O_3.3H_2O$)	275.6	255.3	19.1	(D)	(D)	229.6	215.0	15.2	(D)	(D)
28196 27	Fluoride (technical)	131.6	131.5	30.9	(D)	(D)	81.4	81.1	22.2	(D)	(D)
	Sulfate:										
28196 51	Commercial (17% Al_2O_3)	[33]1,101.5	1,073.9	43.2	(D)	(D)	[33]947.5	945.6	34.8	925.2	34.1
28196 55	Iron free (17% Al_2O_3)	60.2	36.6	2.2	(D)	(D)	59.1	35.8	2.3	(D)	(D)
28196 71	Other inorganic aluminum compounds, (including sodium aluminate, light aluminum hydroxide, cryolite, and alums	(X)	(X)	16.7	(X)	(X)	(X)	(X)	18.9	(X)	(X)
28197 --	Potassium and sodium compounds (except bleaches, alkalies, and alums):										
28197 00	As reported in the census of manufactures	(X)	(X)	455.7	(X)	(X)	(X)	(X)	[24]513.3	(X)	(X)
	As reported in Current Industrial Reports M28A	(X)	(X)	[24]565.0	(X)	(X)	(X)	(X)	[24]517.5	(X)	(X)
	Potassium compounds, n.e.c.:										
28197 13	Iodide (100% KI)	0.8	0.8	1.6	(D)	(D)	0.6	0.5	1.4	(D)	(D)
28197 16	Sulfate (100% K_2SO_4)	244.0	219.8	8.2	(D)	(D)	243.6	209.7	8.6	(D)	(D)
28197 18	Tetrapotassium pyrophosphate (100% $K_2P_2O_7$)	54.9	46.2	9.2	(D)	(D)	37.4	32.8	7.2	(D)	(D)
28197 17	Other potassium salts and compounds, n.e.c	(X)	(X)	97.2	(X)	(X)	(X)	(X)	108.1	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967					1963				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
		(1,000 short tons)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	(1,000 short tons)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
2819- --	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.--Continued										
28197 --	Potassium and sodium compounds (except bleaches, alkalies, and alums)--Continued As reported in Current Industrial Reports M28A--Continued										
28197 21	Sodium (metal) (100% Na)....	164.5	100.2	30.8	(D)	(D)	125.6	72.2	23.8	(D)	(D)
	Sodium compounds, n.e.c.:										
28197 24	Borate (borax).....	524.9	175.4	9.5	(D)	(D)	(D)	(D)	(34)	(D)	(D)
28197 27	Chlorate (100% $NaClO_3$)....	155.5	141.4	17.5	(D)	(D)	124.3	105.4	16.7	(D)	(D)
28197 28	Fluoride.....	7.1	6.8	1.8	6.8	1.8	5.8	5.7	1.4	(D)	(D)
28197 29	Hydrosulfide (sodium sulfhydrate) (100% NaSH).	43.5	38.9	3.7	36.8	3.5	25.2	22.4	2.7	20.2	2.5
28197 30	Hydrosulfite (100% $Na_2S_2O_4$).....	36.0	36.0	16.7	36.0	16.7	29.6	29.4	13.1	(D)	(D)
	Phosphate:										
28197 32	Monobasic (100% NaH_2PO_4)	35 17.4	18.0	3.3	(D)	(D)	35 14.6	14.6	2.5	(D)	(D)
28197 33	Dibasic (100% Na_2HPO_4)..	35 22.6	22.0	3.5	(D)	(D)	35 23.7	22.5	3.6	(D)	(D)
28197 34	Tribasic (100% Na_3PO_4)..	61.7	56.9	8.9	(D)	(D)	56.7	56.1	10.1	(D)	(D)
28197 35	Tetrabasic (100% $Na_4P_2O_7$).....	108.8	105.6	12.8	(D)	(D)	109.3	108.1	13.8	106.6	13.6
28197 36	Meta (100% NaPO $NaPO_3$)..	88.1	86.0	14.1	85.5	14.1	64.5	62.4	11.2	60.3	10.8
28197 37	Acid pyro (100% $Na_2H_2P_2O_7$).....	25.2	23.8	4.8	(D)	(D)	20.4	19.1	4.0	(D)	(D)
28197 38	Tripoly (100% $Na_5P_3O_{10}$).	1,048.1	1,010.9	127.6	(D)	(D)	817.7	787.1	108.2	(D)	(D)
28197 39	Other sodium phosphates.	(X)	(X)	9.2	(X)	(X)	(X)	(X)	(36)	(X)	(X)
	Silicates:										
28197 41	Soluble silicate glass (water glass) solid and liquid (anhydrous).....	37 612.6	439.4	29.9	(D)	(D)	37 551.2	438.2	28.5	(D)	(D)
28197 43	Metasilicate (100% $Na_2SiO_3.5H_2O$).....	219.0	173.1	15.1	(D)	(D)	237.5	157.4	11.6	(D)	(D)
28197 45	Orthosilicate (100% Na_4SiO_4).....	43.0	42.3	4.3	(D)	(D)	36.7	36.4	4.5	(D)	(D)
28197 51	Silicofluoride (100% Na_2SiF_6).....	52.3	48.8	6.8	(D)	(D)	40.0	35.2	4.0	(D)	(D)
	Sulfate:										
28197 61	High purity (refined) (100% Na_2SO_4).....	667.8	687.1	15.0	(D)	(D)	395.9	400.6	10.5	(D)	(D)
28197 65	Low purity (99% or less Na_2SO_4) (100% Na_2SO_4)..										
28197 67	Glauber's salt (100% $Na_2SO_4.10H_2O$).....	696.2	696.8	15.1	(D)	(D)	836.8	825.6	18.4	808.6	18.2
	Sulfide:										
28197 82	Concentrated (60-62% Na_2S).....	22.2	14.8	1.6	14.8	1.6	26.9	21.7	2.3	(D)	(D)
28197 83	Other, including liquid and crystal (60-62% Na_2S).....	38 79.4	69.8	2.1	69.8	2.1	38 25.3	24.0	0.8	24.0	0.8
28197 84	Sulfite (100% Na_2SO_3).....	249.5	245.8	11.7	(D)	(D)	207.4	204.3	8.4	(D)	(D)
28197 87	Other sodium compounds, n.e.c.....	(X)	(X)	83.0	(X)	(X)	(X)	(X)	34 36 92.0	(X)	(X)
28198 --	Chemical catalytic preparations:										
28198 00	As reported in the census of manufactures.....	(X)	(X)	123.1	(X)	(X)	(X)	(X)	75.2	(X)	(X)
28198 11	As reported in Current Industrial Reports M28A.....	(X)	(X)	113.0	(X)	(X)	(X)	(X)	74.4	(X)	(X)
28199 --	Other inorganic chemicals, n.e.c.:										
28199 00	As reported in the census of manufactures.....	(X)	(X)	1,035.5	(X)	(X)	(X)	(X)	24 825.8	(X)	(X)
	As reported in Current Industrial Reports M28A.....	(X)	(X)	24 1,076.9	(X)	(X)	(X)	(X)	24 832.6	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967					1963				
		Production for all purposes (1,000 short tons)	Total shipments including interplant transfers		Commercial shipments		Production for all purposes (1,000 short tons)	Total shipments including interplant transfers		Commercial shipments	
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.--Continued										
	Other inorganic chemicals, n.e.c.--Continued										
	As reported in Current Industrial Reports M28A--Continued										
28199 01	Reagent and high purity grades of inorganic chemicals refined from purchased technical grades.	(X)	(X)	48.5	(X)	(X)	(X)	(X)	36.9	(X)	(X)
28199 02	Antimony compounds, (excluding pigment grades).....	(X)	(X)	6.3	(X)	(X)	(X)	(X)	5.1	(X)	(X)
28199 03	Arsenic compounds, including white arsenic.....	(X)	(X)	1.4	(X)	(X)	(X)	(X)	1.2	(X)	(X)
	Barium compounds:										
28199 04	Carbonate (precipitated) (100% $BaCO_3$).....	82.2	59.6	6.6	59.6	6.6	78.9	54.6	5.9	(D)	(D)
28199 06	Other barium compounds[39]..	(X)	(X)	11.1	(X)	(X)	(X)	(X)	10.1	(X)	(X)
	Bismuth compounds:										
28199 07	Subcarbonate (100% $(Bi_2O_2CO_3).H_2O$).....	0.1	0.1	0.6	0.1	0.6	0.1	(Z)	(Z)	(Z)	(Z)
28199 09	Other bismuth compounds...	(X)	(X)	([40])	(X)	(X)	(X)	(X)	([40])	(X)	(X)
28199 10	Bromine (100% Br).....	(NA)	26.1	8.9	(D)	(D)	(NA)	16.4	5.9	(D)	(D)
28199 11	Cadmium compounds.....	(X)	(X)	7.0	(X)	(X)	(X)	(X)	3.3	(X)	(X)
	Calcium compounds:										
28199 12	Carbide (commercial).....	912.3	564.4	53.2	(D)	(D)	1,109.1	641.4	60.7	284.6	25.1
28199 13	Carbonate (precipitated) (100% $CaCO_3$).....	216.4	193.8	10.5	(D)	(D)	158.8	139.7	7.7	(D)	(D)
	Chloride:										
28199 14	Solid, excluding flake (73–75% $CaCl_2$).....	650.8	636.8	20.4	(D)	(D)	679.3	679.5	21.0	(D)	(D)
28199 15	Flake (77–80% $CaCl_2$)....										
28199 16	Liquid (40–45% $CaCl_2$)...	[41] 499.3	377.0	3.7	(D)	(D)	[41]237.0	237.2	2.7	(D)	(D)
	Phosphate:										
	Dibasic:										
28199 19	Animal feed grades....	391.7	371.2	31.5	(D)	(D)	239.9	235.4	20.0	(D)	(D)
28199 20	Other grades (except fertilizer grades)...										
28199 18	Monobasic.....	(X)	(X)	9.9	(X)	(X)	(X)	(X)	13.4	(X)	(X)
28199 21	Tribasic.....										
28199 23	Other inorganic calcium compounds.....	(X)	(X)	9.4	(X)	(X)	(X)	(X)	6.4	(X)	(X)
	Carbon, activated:[42]										
28199 24	Decolorizing.....	83.1	84.8	23.2	(D)	(D)	72.1	68.6	19.8	(D)	(D)
28199 26	Water purification.....										
	Chromium compounds:										
	Bichromates and chromates:										
28199 29	Sodium (hydrous).....	135.3	94.0	23.0	(D)	(D)	133.9	88.2	21.2	(D)	(D)
28199 31											
28199 32	Other chromium compounds including potassium bichromate and chromate (hydrous) (excluding chrome colors).....	(X)	(X)	10.7	(X)	(X)	(X)	(X)	7.0	(X)	(X)
28199 33	Cobalt compounds.....	(X)	(X)	3.9	(X)	(X)	(X)	(X)	1.8	(X)	(X)
	Copper compounds:										
28199 35	Cuprous oxide (100% Cu_2O).	1.6	1.6	1.7	(D)	(D)	1.3	1.2	1.1	(D)	(D)
28199 36	Copper sulfate (100% $CuSO_4.5H_2O$).....	46.0	46.0	15.1	(D)	(D)	39.7	37.4	9.1	(D)	(D)
28199 37	Other copper compounds (including copper cyanide, and cupric oxide).....	(X)	(X)	6.7	(X)	(X)	(X)	(X)	4.6	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967					1963				
		Production for all purposes (1,000 short tons)	Total shipments including interplant transfers		Commercial shipments		Production for all purposes (1,000 short tons)	Total shipments including interplant transfers		Commercial shipments	
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.--Continued										
	Other inorganic chemicals, n.e.c.--Continued										
	As reported in Current Industrial Reports M28A--Continued										
28199 38	Gold compounds	(X)	(X)	(43)	(X)	(X)	(X)	(X)	21.6	(X)	(X)
28199 39	Hydrogen peroxide	59.4	41.2	28.8	(D)	(D)	39.1	31.6	26.3	27.3	22.4
	Iron compounds:										
28199 42	Ferric chloride (100% $FeCl_3$)	38.6	34.8	4.5	(D)	(D)	37.1	36.1	4.4	46.1	4.4
28199 43	Ferrous sulfate (100% $FeSO_4.7H_2O$)	196.6	112.0	1.1	(D)	(D)	159.8	101.0	1.0	(D)	(D)
28199 44	Other iron compounds[39]	(X)	(X)	4.2	(X)	(X)	(X)	(X)	2.6	(X)	(X)
	Lead compounds:										
28199 45	Nitrate	(X)	(X)	8.9	(X)	(X)	(X)	(X)	(44)	(X)	(X)
28199 47	Other lead compounds (excluding pigment grade)										
	Magnesium compounds:										
28199 48	Sulfate, including Epsom salts (100% $MgSO_4$)	(X)	(X)	29.9	(X)	(X)	(X)	(X)	26.2	(X)	(X)
28199 49	Other magnesium compounds.										
	Manganese compounds:										
28199 50	Sulfate (100% $MnSO_4.4H_2O$).	37.1	31.2	2.4	(D)	(D)	34.3	33.9	3.0	(D)	(D)
28199 52	Other manganese compounds, including potassium and other permanganates and manganese dioxide, battery grade	(X)	(X)	9.6	(X)	(X)	(X)	(X)	6.7	(X)	(X)
	Mercury and compounds:										
28199 53	Mercury, redistilled (pounds)	447.9	404.1	2.3	404.1	2.3	581.9	500.8	1.6	500.8	1.6
28199 55	Other mercuric compounds, except mercuric fulminate and medicinal grades	(X)	(X)	3.0	(X)	(X)	(X)	(X)	3.3	(X)	(X)
28199 90	Molybdenum, platinum, radium, strontium, tantalum, thallium, and tungsten compounds	(X)	(X)	59.0	(X)	(X)	(X)	(X)	59.8	(X)	(X)
	Nickel compounds:										
28199 56	Sulfate (100% $NiSO_4.6H_2O$).	14.8	15.0	7.2	15.0	7.2	10.2	8.6	4.3	(D)	(D)
28199 57	Other nickel compounds	(X)	(X)	3.9	(X)	(X)	(X)	(X)	2.9	(X)	(X)
	Phosphorus and compounds:										
	Phosphorus elemental:										
28199 58	White (yellow) (technical).	587.0	536.2	184.1	64.7	20.1	488.1	427.0	146.0	42.1	12.9
28199 59	Red (technical)										
28199 60	Oxychloride (100% $POCl_3$)	32.8	21.1	4.3	(D)	(D)	23.9	18.0	4.0	(D)	(D)
28199 62	Pentoxide (100% P_2O_5)	-	-	-	-	-	9.8	7.4	1.6	(D)	(D)
28199 63	Trichloride (chloride) (100% PCl_3)	51.1	16.8	3.4	13.8	2.8	26.8	9.6	2.1	7.7	1.8
28199 61	Pentasulfide (100% P_2S_5)	48.7	28.1	6.1	(D)	(D)	34.0	30.1	7.0	(D)	(D)
28199 64	Other phosphorus compounds	(X)	(X)	(43)	(X)	(X)	(X)	(X)	1.7	(X)	(X)
28199 65	Rare earth compounds	(X)	(X)	13.2	(X)	(X)	(X)	(X)	5.1	(X)	(X)
28199 66	Selenium compounds	(X)	(X)	1.4	(X)	(X)	(X)	(X)	1.3	(X)	(X)
	Silica gel:										
28199 68	Butadiene catalyst grade	(X)	(X)	53.8	(X)	(X)	(X)	(X)	40.7	(X)	(X)
28199 69	Desiccant grade										
28199 70	Aviation gas catalyst grade										

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967					1963				
		Production for all purposes (1,000 short tons)	Total shipments including interplant transfers		Commercial shipments		Production for all purposes (1,000 short tons)	Total shipments including interplant transfers		Commercial shipments	
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.--Continued										
	Other inorganic chemicals, n.e.c.--Continued										
	As reported in Current Industrial Reports M28A--Continued										
	Silver compounds:										
28199 71	Cyanide (100% AgCN) (quantity in thousand av. ounces)	2.7	2.6	3.0	2.6	3.0	2.0	2.0	1.8	2.0	1.8
28199 72	Nitrate (100% $AgNO_3$) (quantity in thousand av. ounces)[45]	113.6	46.7	36.3	46.7	36.3	94.6	42.4	30.6	42.4	30.6
28199 73	Other silver compounds	(X)	(X)	6.5	(X)	(X)	(X)	(X)	3.7	(X)	(X)
28199 74	Sulfur, recovered elemental.	[46] 1,268.0	[46] 1,284.0	[46] 41.0	(D)	(D)	893.3	841.8	18.0	(D)	(D)
	Sulfur compounds:										
28199 75	Dioxide (produced for sale) (100% SO_2)	108.2	82.8	5.8	(D)	(D)	73.2	57.9	3.8	(D)	(D)
28199 77	Other sulfur compounds (including sulfur chloride)	(X)	(X)	([47])	(X)	(X)	(X)	(X)	14.7	(X)	(X)
	Tin compounds:										
28199 80	Oxide (stannic) (100% SnO_2)	0.4	0.4	1.5	0.4	1.5	0.7	0.6	1.6	(D)	(D)
28199 81	Other tin compounds (including stannic and stannous chloride)	(X)	(X)	13.8	(X)	(X)	(X)	(X)	7.0	(X)	(X)
	Zinc compounds:										
28199 84	Chloride (100% $ZnCl_2$)	(D)	(D)	([48])	(D)	(D)	25.2	20.0	4.2	(D)	(D)
28199 87	Sulfate (100% $ZnSO_4.7H_2O$)	57.3	46.8	5.7	(D)	(D)	66.1	52.1	4.5	(D)	(D)
28199 88	Other zinc compounds excluding pigment grades[48]	(X)	(X)	[48] 12.2	(X)	(X)	(X)	(X)	7.6	(X)	(X)
28199 93	Radioactive isotopes shipped from non-AEC plants producing isotopes[49]	(X)	(X)	8.3	(X)	(X)	(X)	(X)	([50])	(X)	(X)
28199 95	Radiotion sources and other radioactive materials produced from purchased isotopes[49]	(X)	(X)	14.2	(X)	(X)	(X)	(X)	([50])	(X)	(X)
28199 98	All other inorganic chemicals, n.e.c.[40 42 43 44 47 50]	(X)	(X)	162.8	(X)	(X)	(X)	(X)	95.8	(X)	(X)
28199 00	Industrial inorganic chemicals, n.s.k., reported in the census of manufactures. (For companies with 10 or more employees. See Note.)	(X)	(X)	30.6	(X)	(X)	(X)	(X)	11.1	(X)	(X)
28190 02	Industrial inorganic chemicals, n.s.k., reported in the census of manufactures. (For companies with less than 10 employees. See Note.)	(X)	(X)	8.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Footnotes for Table 6A--28A--Continued

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. (Z) Less than 0.1 when rounded.

[1]Includes quantities liquefied for use, storage, or shipment.

[2]Ammonia soda and caustic carbonation processes.

[3]Includes quantities used to manufacture caustic soda, finished sodium bicarbonate, finished light and dense soda ash, calcium carbonate, etc.

[4]Quantity figures reported in terms of soda ash processed to refined bicarbonate.

[5]Excludes quantities converted to finished dense soda ash.

[6]Includes quantities later evaporated to solid caustic and reported as such.

[7]Includes some liquid shipped as interplant transfers to other establishments for further processing to dry forms.

[8]Includes unspecified amounts produced from liquid caustic received from other establishments.

[9]Includes potassium carbonate, modified sodas, electrolytic soda ash, sodium carbonate (monohydrate) and sal soda and excludes products classified as alkaline detergents.

[10]Excludes value for helium produced in government owned plants.

[11]Excludes information from railroad shops, shipyards, welding shops, and small establishments using portable generators.

[12]Excludes production of liquid and gas carbon dioxide converted to and reported as dry ice and also amounts converted from pure carbon dioxide (liquid or solid) purchased or received from other plants. Also excludes quantities produced and consumed in plants manufacturing soda ash or urea, and quantities produced and transferred to other plants where it is further processed.

[13]Source: U.S. Department of Interior, Bureau of Mines.

[14]Excludes amounts vented, used as fuel, etc., and amounts produced and consumed in the manufacture of synthetic ammonia and methanol, but includes an unspecified amount produced for sale or interplant transfer to plants consuming this gas in the production of ammonia. Also excludes amounts produced by the ammonia dissociation process (cracking of ammonia). Includes amounts of hydrogen produced by some, but not all, petroleum refineries producing hydrogen from catalytic reforming operations.

[15]Excludes amounts produced and consumed in the manufacture of synthetic ammonia or ammonia derivatives.

[16]Excludes amounts produced and used in the manufacture of ammonia.

[17]Code 2813457 combined with 2813498.

[18]Excludes hydrocarbon gases such as propane, butane, and propylene, or halogenated hydrocarbons and cyclopropane, which are reported to the U.S. Tariff Commission. Also excludes sulfur dioxide and chlorine, figures for which are shown in Current Industrial Reports Series M28A(67)-13, Inorganic Chemicals and Gases.

[19]Data for quantities produced and values shipped for many of the synthetic organic chemicals included in this grouping are shown in the United States Tariff Commission's Annual Report "Synthetic Organic Chemicals, United States Production and Sales."

[20]Represents values reported by tar distillers and excludes shipment values for tar, tar crudes, and for pitches reported by establishments classified in industry 3312, Blast Furnaces and Steel Mills, and industry 2911, Petroleum Refining.

[21]Source of data: Current Industrial Reports Series M28A, Inorganic Chemicals and Gases, 1967. The 1963 data include all revised figures published in the Current Industrial Reports Series.

[22]Code 28163 88 included in 28163 98 for 1967.

[23]For quantity information refer to the United States Treasury Department, Internal Revenue Service Publication: Alcohol and Tobacco - 1967. Excludes shipments reported as rubbing alcohol (primary to Industry 2834, Pharmaceutical Preparations), and as antifreeze (primary to Industry 2899, Chemical Preparations, N.E.C.).

[24]Includes value of inorganic chemicals shipped by establishments classified in "manufacturing" and "nonmanufacturing" industries. The value of shipments reported by "nonmanufacturing" establishments classified in the mineral industries and the Tennessee Valley Authority for total Industrial Inorganic Chemicals, n.e.c., code 2819--amounted to $139,673 thousand for 1967 and $161,157 for 1963.

[25]Excludes data for byproduct ammonia liquor and ammonium sulfate published by the Bureau of Mines. The quantities of byproduct ammonia liquor (NH_3 content) produced were 14,471 short tons in 1967 and 14,524 short tons in 1963. The quantities of byproduct ammonium sulfate produced were 745,000 short tons in 1967 and 620,821 short tons in 1963.

[26]Codes 2819141 and 2819143 combined with code 2819159.

[27]Represents total amount of original solution produced, including amounts used for fertilizer, explosive, and other uses and amounts consumed in manufacturing other products such as nitrogen solutions (product code 2819155).

[28]Excludes amounts converted to solid ammonium nitrate.

[29]Codes 2819243 and 2819253 combined with codes 2819231 and 2819263 for 1963.

[30]Represents complete coverage of all manufacturers by the inclusion of estimates which account for less than 5 percent of the total.

[31]Includes anhydrous hydrochloric acid shipments of 171,433 short tons, valued at $8,211 thousand for 1967 and 117,450 short tons, valued at $7,345 thousand for 1963. The quantities of anhydrous hydrochloric acid produced amounted to 628,502 short tons in 1967 and 282,693 short tons, in 1963.

[32]Code 2819451 and code 2819467 combined with code 2819498.

[33]In addition 4,732 short tons in 1967 and 3,327 short tons in 1963 were produced by municipalities.

[34]Code 2819724 combined with code 2819787 for 1963.

[35]Represents quantities produced only for sale or interplant transfer.

[36]Code 2819739 combined with code 2819787 for 1963.

[37]Excludes quantities consumed in the manufacture of meta-, ortho-, and sesquisilicates. Shipments figures include unspecified amounts shipped to other plants for use in manufacturing meta-, ortho-, or sesquisilicates.

[38]Excludes amounts converted to concentrated sodium sulfide.

[39]Excludes pigment grades.

[40]Code 2819909 combined with code 2819998 for 1967.

[41]Excludes quantities of liquid used to produce solid calcium chloride.

[42]Value of activated carbon, deodorizing grade, and solvent recovery and gas absorption grade included in code 2819998.

[43]Codes 2819938 and 2819964 combined with code 2819998 for 1967.

[44]Codes 2819945 and 2819947 combined with code 2819998 for 1963.

[45]Includes unspecified amounts produced and shipped on contract basis.

[46]Collected by Bureau of Mines in 1967.

[47]Code 2819977 combined with code 2819998 for 1967.

[48]Code 2819984 combined with code 2819988 for 1967.

[49]Based on data published in Current Industrial Reports Series MA-38Q(67)-1, "Selected Atomic Energy Products."

[50]Codes 2819993 and 2819995 combined with code 2819998 for 1963.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
CHLORINE, COMPRESSED OR LIQUEFIED (28121)		
United States	190.8	164.0
Northeast Region	12.9	12.5
Middle Atlantic Div.	12.9	(D)
New York	CC	9.6
New Jersey	BB	(1)
North Central Region	28.2	23.3
East North Central Div.	FF	(D)
Ohio	15.1	7.3
Michigan	CC	13.2
Wisconsin	AA	(D)
West North Central Div.	BB	(1)
Kansas	AA	(1)
South Region	122.2	105.4
South Atlantic Div.	40.3	36.9
Delaware	BB	(1)
Maryland	AA	(1)
Virginia	CC	(1)
West Virginia	18.6	21.7
North Carolina	AA	(D)
Georgia	CC	(1)
East South Central Div.	23.2	22.2
Tennessee	CC	(D)
Alabama	16.3	12.0
Mississippi	AA	(D)
West South Central Div.	58.6	46.3
Louisiana	27.7	(1)
Texas	29.9	23.4
West Region	27.5	22.9
Mountain Div.	CC	(1)
Nevada	CC	(1)
Pacific Div.	FF	(D)
Washington	13.5	11.2
Oregon	BB	(1)
California	BB	(1)
SODIUM CARBONATE (SODA ASH) (28122)		
United States	140.9	123.6
Northeast Region	FF	(D)
Middle Atlantic Div.	FF	(D)
New York	FF	(1)
New Jersey	BB	(D)
North Central Region	GG	(D)
East North Central Div.	GG	(D)
Ohio	FF	(1)
Michigan	FF	(1)
South Region	42.8	37.9
South Atlantic Div.	EE	(D)
Virginia	CC	(1)
Georgia	BB	(D)
West South Central Div.	FF	(D)
Louisiana	FF	(1)
Texas	CC	(1)
SODIUM HYDROXIDE (CAUSTIC SODA) (28123)		
United States	254.9	209.7
Northeast Region	19.6	23.0
Middle Atlantic Div.	19.6	(D)
New York	EE	20.4
New Jersey	AA	(D)
North Central Region	46.1	34.3
East North Central Div.	FF	(D)
Ohio	EE	(1)
Michigan	21.7	19.9
Wisconsin	AA	(D)
West North Central Div.	CC	(D)
Kansas	CC	(1)
South Region	153.9	124.1
South Atlantic Div.	42.8	38.7
Delaware	BB	(D)
Maryland	AA	(1)
Virginia	CC	(1)
West Virginia	22.8	24.5
North Carolina	BB	(1)
Georgia	CC	(1)
East South Central Div.	28.2	18.4
Kentucky	CC	(1)
Tennessee	CC	(1)
Alabama	16.6	11.3
West South Central Div.	82.9	66.9
Arkansas	AA	(D)
Louisiana	FF	(1)
Texas	42.6	34.5
West Region	35.2	28.3
Mountain Div.	BB	(D)
Nevada	BB	(1)
Pacific Div.	FF	(D)
Washington	17.5	13.3
Oregon	BB	(1)
California	CC	(1)
ACETYLENE (28132)		
United States	83.2	93.5
Northeast Region	18.8	19.8
New England Div.	1.4	1.5
Massachusetts	AA	(1)
Middle Atlantic Div.	17.3	18.3
New York	CC	(1)
New Jersey	BB	1.7
Pennsylvania	5.1	(1)
North Central Region	13.2	16.2
East North Central Div.	10.0	13.3
Ohio	2.4	6.5
Indiana	1.5	(D)
Illinois	2.7	2.6
Michigan	2.1	2.0
Wisconsin	1.2	(D)
West North Central Div.	3.2	2.9
ACETYLENE (28132)--Con.		
South Region	44.9	51.1
South Atlantic Div.	BB	(D)
West Virginia	AA	(1)
East South Central Div.	FF	(D)
Kentucky	FF	(1)
Tennessee	1.0	(1)
West South Central Div.	CC	(D)
Louisiana	2.8	2.0
Texas	BB	(1)
West Region	6.3	6.4
Mountain Div.	1.8	1.5
Pacific Div.	4.5	3.2
California	2.8	3.2
CARBON DIOXIDE (28133)		
United States	48.0	49.9
Northeast Region	11.2	14.6
Middle Atlantic Div.	EE	(D)
New York	AA	(1)
New Jersey	5.4	7.5
Pennsylvania	BB	(1)
North Central Region	17.3	17.1
East North Central Div.	EE	10.0
Ohio	5.3	(1)
Indiana	AA	(1)
Illinois	BB	(1)
West North Central Div.	CC	7.1
Iowa	2.1	
Missouri	BB	(1)
Kansas	BB	(1)
South Region	10.3	10.2
South Atlantic Div.	5.6	(D)
Virginia	4.2	3.9
East South Central Div.	BB	(D)
Tennessee	BB	(1)
West South Central Div.	BB	(D)
Texas	AA	2.2
West Region	9.2	8.0
Mountain Div.	1.1	(D)
Pacific Div.	8.1	(D)
Washington	AA	(1)
California	5.8	5.5
ELEMENTAL, COMPRESSED, LIQUEFIED GASES, N.E.C. (28134)		
United States	390.8	244.6
Northeast Region	72.9	54.8
New England Div.	8.4	6.3
Massachusetts	CC	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
ELEMENTAL, COMPRESSED, LIQUEFIED GASES, N.E.C. (28134)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	64.4	48.5
New York	12.3	4.4
New Jersey	13.1	8.5
Pennsylvania	39.1	35.5
North Central Region	134.6	77.5
East North Central Div.	93.1	63.6
Ohio	36.0	28.4
Indiana	FF	(1)
Illinois	25.9	15.3
Michigan	EE	(1)
West North Central Div.	41.3	13.9
Minnesota	AA	(1)
Missouri	AA	3.4
Kansas	37.3	8.8
South Region	119.7	62.5
South Atlantic Div.	45.1	25.0
Delaware	10.4	9.1
Maryland	EE	(1)
West Virginia	CC	8.1
Georgia	AA	1.4
Florida	10.9	2.4
East South Central Div.	22.0	14.7
Kentucky	CC	3.8
Tennessee	BB	(1)
Alabama	11.3	7.1
West South Central Div.	52.6	22.8
Louisiana	17.3	3.0
Texas	34.1	19.2
West Region	63.7	49.9
Mountain Div.	10.0	4.8
Colorado	BB	(1)
Arizona	BB	2.8
Pacific Div.	53.7	45.0
Washington	AA	1.4
Oregon	AA	(1)
California	47.8	39.2
CYCLIC INTERMEDIATES (28151)		
United States	1066.1	758.6
Northeast Region	327.4	273.1
New England Div.	8.4	7.8
Massachusetts	2.6	(1)
Connecticut	BB	(1)
Middle Atlantic Div.	319.0	265.2
New York	41.0	33.5
New Jersey	204.1	178.4
Pennsylvania	74.0	53.3
North Central Region	199.3	154.7
East North Central Div.	GG	(D)
Ohio	19.8	14.2
Indiana	EE	(1)
Illinois	95.1	80.3
Michigan	GG	(1)
West North Central Div.	EE	(D)
Missouri	EE	(D)
Kansas	BB	(D)
CYCLIC INTERMEDIATES (28151)--Con.		
South Region	503.8	299.5
South Atlantic Div.	136.1	112.7
Delaware	AA	(D)
Maryland	FF	(1)
Virginia	AA	(D)
West Virginia	93.4	100.8
South Carolina	EE	(D)
East South Central Div.	128.7	53.4
Kentucky	CC	(D)
Tennessee	GG	(1)
Alabama	FF	(1)
West South Central Div.	239.0	133.4
Louisiana	FF	(D)
Texas	GG	(1)
West Region	35.5	31.3
Mountain Div.	BB	(D)
Nevada	BB	(1)
Pacific Div.	FF	(D)
Washington	BB	(1)
California	27.5	(1)
SYNTHETIC ORGANIC DYES (28152)		
United States	325.6	243.1
Northeast Region	252.1	198.8
New England Div.	18.0	20.1
Massachusetts	CC	(1)
Rhode Island	CC	(1)
Middle Atlantic Div.	234.2	178.6
New York	FF	41.8
New Jersey	162.7	117.2
Pennsylvania	FF	19.6
North Central Region	EE	11.7
East North Central Div.	EE	(1)
Ohio	EE	(1)
South Region	GG	(D)
South Atlantic Div.	FF	(D)
Maryland	AA	(1)
Virginia	AA	(D)
West Virginia	CC	(1)
North Carolina	EE	(1)
South Carolina	BB	(1)
East South Central Div.	FF	(D)
Tennessee	CC	(1)
Alabama	EE	(D)
SYNTHETIC ORGANIC PIGMENTS, LAKES, AND TONERS (28153)		
United States	162.2	111.7
Northeast Region	101.1	73.6
New England Div.	BB	(D)
Massachusetts	AA	(D)
Rhode Island	AA	(D)
Middle Atlantic Div.	GG	(D)
New York	FF	18.2
New Jersey	68.4	51.9
Pennsylvania	BB	(1)
SYNTHETIC ORGANIC PIGMENTS, LAKES, AND TONERS (28153)--Con.		
North Central Region	FF	(D)
East North Central Div.	FF	(D)
Ohio	EE	(1)
Illinois	EE	(1)
Michigan	CC	(1)
South Region	FF	(D)
South Atlantic Div.	FF	(D)
Delaware	EE	(1)
West Virginia	CC	(1)
South Carolina	AA	(D)
East South Central Div.	AA	(D)
Kentucky	AA	(D)
CYCLIC (COAL TAR) CRUDES (28155)		
United States	87.6	79.3
Northeast Region	18.7	16.7
Middle Atlantic Div.	EE	(D)
New Jersey	EE	(1)
Pennsylvania	CC	(1)
North Central Region	35.6	35.6
East North Central Div.	FF	(D)
Ohio	13.4	13.8
Indiana	BB	(1)
Illinois	14.5	13.6
Michigan	BB	(1)
West North Central Div.	AA	(D)
Minnesota	AA	(1)
South Region	FF	(D)
South Atlantic Div.	EE	(D)
West Virginia	EE	(1)
East South Central Div.	9.3	(D)
Tennessee	AA	(1)
Alabama	CC	(1)
West South Central Div.	CC	(D)
Texas	CC	(1)
West Region	CC	(D)
Pacific Div.	CC	(D)
California	BB	(1)
OTHER WHITE OPAQUE PIGMENTS (28162)		
United States	65.4	50.4
Northeast Region	30.0	22.9
Middle Atlantic Div.	FF	(D)
New Jersey	BB	(1)
Pennsylvania	FF	19.9
North Central Region	33.0	26.0
East North Central Div.	FF	16.9
Ohio	11.0	(1)
Illinois	11.5	(1)
West North Central Div.	CC	9.0
Missouri	BB	(1)
Kansas	CC	(1)
South Region	AA	(D)
South Atlantic Div.	AA	(D)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
CHROME COLORS AND OTHER INORGANIC PIGMENTS (28163)		
United States	189.3	151.8
Northeast Region	92.9	76.6
New England Div.	3.6	3.3
Vermont	BB	(1)
Rhode Island	AA	(D)
Middle Atlantic Div.	89.3	73.4
New York	40.6	31.4
New Jersey	24.4	21.3
Pennsylvania	24.2	20.7
North Central Region	50.5	42.6
East North Central Div.	33.0	(D)
Ohio	EE	14.0
Indiana	CC	(1)
Illinois	11.4	15.3
West North Central Div.	17.5	(D)
Missouri	17.5	(1)
South Region	35.8	25.7
South Atlantic Div.	29.6	(D)
Maryland	CC	(1)
Virginia	BB	(D)
West Virginia	13.0	10.2
Georgia	BB	(1)
Florida	AA	(D)
East South Central Div.	BB	(D)
Kentucky	BB	(1)
West South Central Div.	AA	(D)
Texas	AA	(1)
West Region	9.8	6.8
Pacific Div.	CC	6.8
California	CC	6.8
MISCELLANEOUS CYCLIC CHEMICAL PRODUCTS (28181)		
United States	315.1	200.5
Northeast Region	110.7	59.6
New England Div.	CC	2.6
Rhode Island	CC	(1)
Middle Atlantic Div.	GG	57.0
New York	14.1	14.5
New Jersey	GG	30.6
Pennsylvania	25.1	11.9
North Central Region	54.4	44.3
East North Central Div.	31.0	(D)
Ohio	CC	11.0
Indiana	AA	(D)
Illinois	14.7	15.9
Michigan	3.1	(1)
Wisconsin	6.0	5.3
West North Central Div.	23.4	(D)
Iowa	BB	(D)
Missouri	CC	(1)
Nebraska	CC	(1)
Kansas	CC	(D)
South Region	135.0	89.1
South Atlantic Div.	31.5	29.7
Virginia	AA	(1)
West Virginia	17.6	10.7
South Carolina	8.6	(1)
Georgia	BB	(D)

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
MISCELLANEOUS CYCLIC CHEMICAL PRODUCTS (28181)--Con.		
South Region--Con.		
East South Central Div.	65.6	29.0
Kentucky	EE	(1)
Tennessee	GG	(1)
Mississippi	AA	(D)
West South Central Div.	38.0	30.4
Louisiana	EE	(1)
Texas	FF	(1)
West Region	15.1	7.5
Mountain Div.	AA	(D)
Colorado	AA	(D)
Pacific Div.	EE	(D)
California	EE	(1)
MISCELLANEOUS ACYCLIC CHEMICALS AND CHEMICAL PRODUCTS (28182)		
United States	4,052.2	3,129.1
Northeast Region	544.9	495.8
New England Div.	33.1	22.7
New Hampshire	CC	(1)
Massachusetts	CC	(1)
Connecticut	EE	(1)
Middle Atlantic Div.	511.8	473.1
New York	127.2	96.6
New Jersey	321.8	323.3
Pennsylvania	62.8	53.2
North Central Region	411.5	326.5
East North Central Div.	377.4	292.4
Ohio	119.0	95.2
Indiana	GG	(1)
Illinois	69.1	53.9
Michigan	129.8	98.2
Wisconsin	AA	(D)
West North Central Div.	34.1	34.1
Missouri	17.3	(1)
Nebraska	BB	(1)
Kansas	EE	11.7
South Region	2,943.0	2,186.6
South Atlantic Div.	733.5	593.1
Delaware	30.9	29.1
Maryland	FF	(1)
Virginia	94.7	80.5
West Virginia	GG	(1)
North Carolina	13.5	7.7
South Carolina	FF	(1)
Georgia	AA	(1)
Florida	40.8	(1)
East South Central Div.	318.6	225.7
Kentucky	147.3	103.4
Tennessee	145.7	110.6
Alabama	FF	(1)
Mississippi	BB	(D)
West South Central Div.	1,890.9	1,367.9
Arkansas	BB	(D)
Louisiana	477.9	(1)
Oklahoma	CC	(D)
Texas	1,402.3	1,077.1
West Region	152.8	120.2
Mountain Div.	CC	(D)
Nevada	BB	(1)
Pacific Div.	GG	(D)
Oregon	BB	(D)
California	144.1	107.8

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
SYNTHETIC ORGANIC CHEMICALS, N.E.C. (28183)		
United States	585.6	426.8
Northeast Region	246.4	208.1
New England Div.	57.9	51.2
Massachusetts	22.1	19.7
Rhode Island	BB	(1)
Connecticut	FF	(1)
Middle Atlantic Div.	188.5	156.8
New York	30.0	28.3
New Jersey	116.6	99.2
Pennsylvania	41.9	29.3
North Central Region	135.2	98.0
East North Central Div.	GG	(D)
Ohio	56.2	41.5
Indiana	CC	(1)
Illinois	24.6	27.4
Michigan	7.2	5.6
Wisconsin	AA	(D)
West North Central Div.	FF	(D)
Missouri	FF	(1)
South Region	169.8	96.6
South Atlantic Div.	109.9	56.1
Delaware	AA	(D)
Maryland	AA	(D)
West Virginia	99.0	49.8
North Carolina	BB	(1)
Florida	BB	(1)
East South Central Div.	33.0	26.4
Tennessee	FF	(1)
Mississippi	BB	(1)
West South Central Div.	26.9	14.1
Louisiana	CC	(D)
Texas	EE	(D)
West Region	34.2	24.1
Mountain Div.	BB	(1)
Colorado	BB	(1)
Pacific Div.	FF	(D)
Washington	BB	(1)
California	28.5	(1)
PESTICIDES, ORGANIC CHEMICAL, NOT FORMULATIONS (28184)		
United States	308.2	223.4
Northeast Region	60.3	44.2
New England Div.	CC	(D)
Connecticut	CC	(1)
Middle Atlantic Div.	GG	(D)
New York	EE	(1)
New Jersey	43.7	25.5
Pennsylvania	AA	(1)
North Central Region	81.0	32.7
East North Central Div.	FF	28.2
Ohio	BB	2.1
Indiana	BB	(1)
Illinois	FF	(1)
Michigan	CC	(1)
Wisconsin	CC	(D)
West North Central Div.	FF	4.5
Iowa	FF	(D)
Missouri	AA	(1)
Kansas	AA	(D)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
PESTICIDES, ORGANIC CHEMICAL, NOT FORMULATIONS (28184)--Con.		
South Region	155.3	133.8
South Atlantic Div.	59.2	53.0
Maryland	BB	(1)
West Virginia	FF	(1)
North Carolina	CC	(1)
South Carolina	AA	(D)
Georgia	AA	(D)
East South Central Div.	45.6	38.6
Tennessee	FF	(1)
Alabama	18.7	(1)
Mississippi	BB	(D)
West South Central Div.	50.5	42.2
Louisiana	CC	(1)
Texas	FF	(1)
West Region	11.7	12.7
Mountain Div.	AA	(D)
Colorado	AA	(D)
Pacific Div.	CC	(D)
Washington	AA	(D)
Oregon	BB	(D)
California	5.9	(1)
ETHYL ALCOHOL, INDUSTRIAL ORGANIC CHEMICALS, N.E.C. (28185)		
United States	239.4	192.3
Northeast Region	90.2	81.1
New England Div.	10.1	7.8
Maine	CC	(1)
Massachusetts	AA	(D)
Middle Atlantic Div.	80.1	73.3
New York	21.1	17.8
New Jersey	40.3	32.7
Pennsylvania	18.6	22.8
North Central Region	73.3	60.1
East North Central Div.	GG	(D)
Ohio	17.1	5.3
Indiana	BB	(1)
Illinois	31.9	35.6
Michigan	CC	9.8
Wisconsin	7.3	(1)
West North Central Div.	CC	(D)
Missouri	CC	(1)
South Region	50.5	34.4
South Atlantic Div.	EE	(D)
Maryland	BB	(1)
North Carolina	BB	(D)
South Carolina	BB	(1)
Florida	BB	(1)
East South Central Div.	AA	(D)
Tennessee	AA	(1)
West South Central Div.	36.5	(D)
Louisiana	6.7	(1)
Texas	29.9	(1)
West Region	25.5	16.7
Pacific Div.	25.5	(D)
California	25.5	15.0
SYNTHETIC AMMONIA, NITRIC ACID, AMMONIUM COMPOUNDS (28191)		
United States	827.3	587.8
Northeast Region	37.0	29.5
New England Div.	BB	(D)
Maine	BB	(D)
Middle Atlantic Div.	FF	(D)
New York	CC	(1)
New Jersey	EE	(1)
Pennsylvania	14.2	14.0
North Central Region	258.2	157.8
East North Central Div.	106.3	69.8
Ohio	48.7	(1)
Indiana	FF	(1)
Illinois	26.8	15.0
Michigan	CC	5.9
West North Central Div.	151.9	87.9
Minnesota	CC	(1)
Iowa	32.5	(1)
Missouri	23.6	(D)
Nebraska	45.6	(1)
Kansas	FF	(1)
South Region	439.0	312.9
South Atlantic Div.	117.3	92.3
Delaware	CC	(D)
Virginia	FF	(1)
West Virginia	13.3	(1)
Georgia	FF	(1)
Florida	23.7	17.0
East South Central Div.	110.7	83.2
Kentucky	CC	(1)
Tennessee	FF	(1)
Alabama	EE	(1)
Mississippi	GG	(1)
West South Central Div.	211.0	137.4
Arkansas	FF	(1)
Louisiana	GG	(1)
Oklahoma	AA	(1)
Texas	95.5	62.3
West Region	93.1	87.6
Mountain Div.	13.0	21.2
Colorado	BB	(D)
Arizona	BB	(1)
Nevada	BB	(1)
Pacific Div.	80.0	66.4
Washington	EE	(1)
Oregon	BB	(D)
California	65.0	55.8
INORGANIC INDUSTRIAL, HOUSEHOLD BLEACHING COMPOUNDS (28192)		
United States	209.4	200.0
Northeast Region	47.2	56.2
New England Div.	6.0	12.1
Massachusetts	5.1	10.2
Middle Atlantic Div.	41.2	44.1
New York	7.9	(1)
New Jersey	27.7	31.3
Pennsylvania	5.6	(1)
INORGANIC INDUSTRIAL, HOUSEHOLD BLEACHING COMPOUNDS (28192)--Con.		
North Central Region	68.2	60.3
East North Central Div.	49.3	42.1
Ohio	15.2	11.8
Indiana	CC	(1)
Illinois	16.2	8.6
Michigan	CC	9.2
West North Central Div.	18.9	18.3
Minnesota	BB	(1)
Missouri	CC	(1)
Nebraska	AA	(D)
Kansas	CC	(1)
South Region	66.7	52.6
South Atlantic Div.	41.2	(D)
Maryland	BB	1.7
Virginia	BB	(1)
North Carolina	7.9	(1)
South Carolina	BB	(1)
Georgia	14.0	9.6
Florida	7.6	6.5
East South Central Div.	EE	(D)
Kentucky	BB	(D)
Tennessee	CC	2.7
West South Central Div.	EE	(D)
Louisiana	AA	(1)
Texas	EE	(1)
West Region	27.3	30.9
Pacific Div.	FF	(D)
Washington	BB	(1)
California	24.4	27.5
SULFURIC ACID (28193)		
United States	250.6	193.9
Northeast Region	40.1	29.3
New England Div.	BB	1.7
Massachusetts	BB	(1)
Middle Atlantic Div.	FF	27.6
New York	BB	(1)
New Jersey	EE	(1)
Pennsylvania	15.7	13.2
North Central Region	53.5	44.0
East North Central Div.	46.0	38.9
Ohio	13.2	9.7
Indiana	EE	(1)
Illinois	12.9	12.3
Michigan	CC	(1)
West North Central Div.	7.5	5.1
Minnesota	AA	(D)
Iowa	AA	(1)
Kansas	BB	(1)
South Region	132.1	92.9
South Atlantic Div.	52.1	29.8
Delaware	CC	(1)
Maryland	11.1	(1)
Virginia	9.0	5.5
West Virginia	BB	(1)
North Carolina	1.3	(D)
Georgia	3.7	1.2
Florida	EE	5.3

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
SULFURIC ACID (28193)--Con.		
South Region--Con.		
East South Central Div.	27.9	17.3
Kentucky	BB	(1)
Tennessee	FF	(1)
Alabama	BB	(1)
West South Central Div.	52.0	45.8
Arkansas	BB	(1)
Louisiana	10.3	(1)
Oklahoma	BB	(1)
Texas	36.4	29.3
West Region	25.1	27.7
Mountain Div.	7.0	9.7
Idaho	AA	(D)
New Mexico	AA	(D)
Arizona	1.4	2.6
Utah	AA	(1)
Pacific Div.	18.1	18.0
Washington	BB	(1)
California	EE	(1)
INORGANIC ACIDS, EXCEPT NITRIC AND SULFURIC (28194)		
United States	248.8	166.3
Northeast Region	21.8	23.1
Middle Atlantic Div.	(D)	(D)
New York	BB	(1)
New Jersey	13.3	15.4
Pennsylvania	BB	(1)
North Central Region	75.3	58.0
East North Central Div.	GG	50.7
Ohio	10.7	10.3
Indiana	CC	(1)
Illinois	40.8	29.7
Michigan	CC	(1)
West North Central Div.	EE	7.4
Missouri	AA	(1)
Kansas	EE	(1)
South Region	123.2	57.9
South Atlantic Div.	74.3	32.4
Delaware	CC	(1)
Maryland	CC	(1)
West Virginia	BB	(1)
South Carolina	BB	(1)
Florida	52.8	15.5
East South Central Div.	16.4	10.0
Kentucky	CC	(1)
Tennessee	CC	(1)
West South Central Div.	32.5	15.6
Louisiana	10.0	(1)
Texas	22.4	8.4
West Region	28.5	27.2
Mountain Div.	8.7	8.2
Idaho	BB	(1)
Utah	AA	(1)
Nevada	AA	(1)
Pacific Div.	19.8	19.0
California	19.5	18.7
OTHER ALUMINUM COMPOUNDS (28196)		
United States	127.2	103.8
Northeast Region	17.0	12.2
New England Div.	BB	2.3
Massachusetts	AA	(1)
Middle Atlantic Div.	EE	9.8
New York	BB	(1)
New Jersey	6.5	7.0
Pennsylvania	CC	(1)
North Central Region	16.7	16.7
East North Central Div.	EE	(D)
Ohio	BB	(1)
Illinois	6.6	(D)
Michigan	AA	(1)
Wisconsin	BB	(1)
West North Central Div.	AA	(D)
South Region	86.9	70.0
South Atlantic Div.	16.3	(D)
Delaware	BB	(1)
Maryland	6.2	6.2
Virginia	AA	(D)
Georgia	2.7	(1)
Florida	AA	(1)
East South Central Div.	6.8	(D)
Tennessee	BB	(1)
Alabama	BB	(1)
West South Central Div.	63.8	(D)
Arkansas	FF	(1)
Louisiana	16.1	12.4
Texas	FF	22.7
West Region	6.5	5.0
Pacific Div.	CC	(D)
Washington	BB	(1)
California	3.2	(1)
POTASSIUM, SODIUM COMPOUNDS, EXCEPT BLEACHES, ALKALIES AND ALUMS (28197)		
United States	455.7	513.3
Northeast Region	128.0	110.2
New England Div.	9.0	7.6
Massachusetts	CC	6.7
Rhode Island	AA	
Middle Atlantic Div.	119.1	102.6
New York	35.5	31.1
New Jersey	60.8	49.9
Pennsylvania	22.8	21.7
North Central Region	161.1	132.2
East North Central Div.	134.8	106.3
Ohio	23.0	16.9
Indiana	15.1	(1)
Illinois	61.4	45.0
Michigan	34.9	(1)
West North Central Div.	26.3	25.9
Missouri	EE	(1)
Kansas	EE	(1)
POTASSIUM, SODIUM COMPOUND, EXCEPT BLEACHES, ALKALIES AND ALUMS (28197)--Con.		
South Region	117.8	91.0
South Atlantic Div.	42.7	36.1
Delaware	7.8	(1)
Maryland	2.2	2.3
Virginia	CC	11.0
West Virginia	BB	(1)
Georgia	14.0	6.1
Florida	5.0	2.8
East South Central Div.	39.3	32.9
Tennessee	20.4	19.0
Alabama	CC	(1)
Mississippi	EE	(1)
West South Central Div.	35.8	22.0
Louisiana	11.8	6.7
Texas	24.0	15.3
West Region	48.8	180.0
Mountain Div.	CC	92.6
Wyoming	CC	(D)
Nevada	BB	(1)
Pacific Div.	FF	87.3
Oregon	BB	(1)
California	FF	(1)
CHEMICAL CATALTYIC PREPARATIONS (28198)		
United States	123.1	75.2
Northeast Region	24.1	17.1
New England Div.	AA	(D)
Massachusetts	AA	(D)
Middle Atlantic Div.	FF	(D)
New Jersey	18.9	14.8
Pennsylvania	3.6	7.9
North Central Region	31.4	(D)
East North Central Div.	31.4	18.0
Ohio	12.0	5.5
Indiana	BB	(1)
Illinois	7.5	(1)
Michigan	CC	(1)
South Region	65.5	38.2
South Atlantic Div.	17.9	(D)
Maryland	CC	(1)
West Virginia	CC	6.4
East South Central Div.	27.1	(D)
Kentucky	FF	(1)
Tennessee	CC	(1)
West South Central Div.	20.5	(D)
Louisiana	CC	(1)
Texas	EE	(1)
West Region	2.2	(D)
Pacific Div.	BB	2.0
California	BB	(1)
OTHER INORGANIC CHEMICALS, N.E.C. (28199)		
United States	1,035.5	825.8
Northeast Region	266.7	242.0
New England Div.	12.1	11.9
Massachusetts	EE	6.9

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
OTHER INORGANIC CHEMICALS, N.E.C. (28199)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	254.6	230.1
New York	56.8	53.8
New Jersey	100.9	86.1
Pennsylvania	97.0	90.2
North Central Region	268.5	184.8
East North Central Div.	204.7	151.6
Ohio	81.4	62.1
Indiana	9.5	(1)
Illinois	63.1	40.7
Michigan	49.2	39.9
Wisconsin	1.5	(D)
West North Central Div.	63.8	33.2
Minnesota	AA	(D)
Iowa	11.0	(1)
Missouri	45.9	23.3
Kansas	CC	(1)
OTHER INORGANIC CHEMICALS, N.E.C. (28199)--Con.		
South Region	372.0	289.8
South Atlantic Div.	118.1	90.1
Delaware	CC	5.5
Maryland	30.0	25.4
Virginia	20.8	14.8
West Virginia	17.1	10.0
North Carolina	CC	(1)
Georgia	BB	(1)
Florida	31.8	23.4
East South Central Div.	188.9	146.9
Kentucky	45.0	(1)
Tennessee	126.7	113.4
Alabama	EE	(1)
Mississippi	AA	(1)
West South Central Div.	65.0	52.9
Arkansas	8.1	(1)
Louisiana	25.2	21.2
OTHER INORGANIC CHEMICALS, N.E.C. (28199)--Con.		
South Region--Con		
West South Central Div--Con.		
Oklahoma	4.2	(1)
Texas	27.5	25.1
West Region	128.3	109.2
Mountain Div.	89.2	67.4
Montana	EE	(1)
Idaho	GG	(1)
Wyoming	AA	(1)
Colorado	8.4	(1)
Nevada	BB	(1)
Pacific Div.	39.1	41.8
Washington	CC	(1)
Oregon	BB	(1)
California	28.8	32.6

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2812-	Alkalies and chlorine.....million dollars..	623.0	625.9	575.1	568.3	526.5	425.4	362.7	193.2
28121	Chlorine, compressed or liquefied.....do....	190.8	197.3	177.2	170.8	164.0	117.4	87.2	31.2
28122	Sodium carbonate (soda ash).....do....	140.9	131.1	126.7	135.4	123.6	113.3	109.1	63.0
28123	Sodium hydroxide (caustic soda).....do....	254.9	263.7	245.0	238.7	209.7	177.3	148.8	82.6
28124	Other alkalies.....do....	35.2	33.8	26.3	23.4	27.6	17.5	17.6	16.4
28120	Alkalies and chlorine, n.s.k.....do....	1.3	-	-	-	1.5	-	-	-
2813-	Industrial gases.....do....	543.4	493.8	495.0	453.8	389.6	262.6	195.4	109.7
28132	Acetylene:								
	Quantity.....million cu. ft..	(NA)	(NA)	(NA)	(NA)	8.9	7.2	5.1	3.0
	Value.....million dollars..	83.2	94.4	93.4	97.6	93.5	89.4	64.6	38.6
28133	Carbon dioxide:								
	Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	984.1	740.7	689.2	470.9
	Value.....million dollars..	48.0	54.1	54.7	54.0	49.9	43.0	43.4	20.4
28134	Elemental gases and compressed and liquefied gases, n.e.c.....do....	390.8	345.3	346.9	302.2	244.6	130.2	87.4	50.7
28130	Industrial gases. n.s.k.....do....	21.4	-	-	-	1.7	-	-	-
2815-	Cyclic intermediates and crudes.....do....	1,654.2	1,591.1	1,452.0	1,277.0	1,195.2	893.8	778.7	444.9
28151	Cyclic intermediates.....do....	1,066.1	1,012.1	903.2	798.4	758.6	531.5	466.6	188.4
28152	Synthetic organic dyes.....do....	325.6	322.5	290.5	266.3	243.1	175.5	156.3	149.2
28153	Synthetic organic pigments, lakes, and toners.....do....	162.2	171.9	169.7	127.0	111.7	80.2	68.4	37.9
28155	Cyclic (coal tar) crudes.....do....	87.6	82.2	86.4	83.2	79.3	105.3	87.4	66.0
28150	Cyclic intermediates and crudes, n.s.k.....do....	12.7	2.4	2.3	2.1	2.5	1.2	-	3.4
2816-	Inorganic pigments.....do....	560.8	573.6	549.0	532.2	480.4	412.0	372.4	277.9
28161	Titanium pigments.....do....	298.4	297.6	292.1	286.9	277.3	231.9	175.7	69.7
28162	Other white opaque pigments.....do....	65.4	74.7	68.7	54.8	50.4	54.4	64.0	88.6
28163	Chrome colors and other inorganic pigments...do....	189.3	201.3	188.2	190.5	151.8	125.1	132.6	119.5
28160	Inorganic pigments, n.s.k.....do....	7.6	-	-	0.1	0.9	0.6	0.2	-
2818-	Industrial organic chemicals, n.e.c.....do....	5,539.4	5,366.1	5,023.3	4,457.1	4,183.8	2,787.3	2,027.5	965.9
28181	Miscellaneous cyclic chemical products.....do....	315.1	263.6	233.0	212.8	200.5	143.3	86.0	[2]50.8
28182	Miscellaneous acyclic chemicals and chemical products.....do....	4,052.2	3,994.7	3,772.8	3,308.5	3,129.1	2,126.6	1,569.2	[2]585.6
28183	Synthetic organic chemicals, n.e.c. (except bulk surface active agents).....do....	585.6	575.4	514.0	460.9	426.8	291.4	208.5	[3]108.1
28184	Pesticides, and other organic chemicals, not formulation.....do....	308.2	292.5	260.9	245.5	223.4	96.2	96.9	([2])
28185	Ethyl alcohol and other industrial organic chemicals, n.e.c.....do....	239.4	228.7	231.5	220.3	192.3	121.4	66.9	207.8
28180	Industrial organic chemicals, n.e.c., n.s.k..do....	38.7	(11.2)	(11.2)	9.1	11.6	8.4	-	13.5
2819-	Industrial inorganic chemicals, n.e.c.....do....	3,719.1	3,658.6	3,393.5	3,257.2	2,995.9	2,146.3	1,634.6	706.8
28191	Synthetic ammonia, nitric acid, and ammonium compounds.....do....	827.3	784.7	731.0	660.4	587.8	365.0	296.9	95.4
28192	Inorganic industrial household bleaching compounds.....do....	209.4	195.8	176.0	209.0	200.0	114.0	83.8	37.3
28193	Sulfuric acid.....do....	250.6	207.0	193.6	195.7	193.9	169.9	161.2	89.1
28194	Inorganic acids, except nitric and sulfuric..do....	248.8	235.5	205.3	186.2	166.3	122.0	78.9	30.1
28195	Aluminum oxide.....do....	402.4	381.1	362.2	359.2	318.5	214.6	166.9	50.5
28196	Other aluminum compounds.....do....	127.2	125.8	116.9	111.4	103.8	70.0	67.9	26.0
28197	Potassium and sodium compounds except bleaches, alkalies, and alum.....do....	455.7	569.8	547.0	542.7	513.3	426.7	275.8	145.9
28198	Chemical catalytic preparations.....do....	123.1	119.1	94.4	88.8	75.2	56.2	34.7	7.9
28199	Other inorganic chemicals, n.e.c.....do....	1,035.5	1,039.9	967.1	903.7	825.8	607.9	468.5	224.5
28190	Industrial inorganic chemicals, n.e.c, n.s.k.....do....	38.9				11.1			

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data.

[2]Data for product class 28184 not reported separately in 1947 but included in totals for product classes 28181 and 28182.

[3]Data for "other bulk agents" not reported separately in 1947 but included in totals for "bulk surface agents, except sulfonated oils and fats", classified as a product primary to industry 2842.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
	INDUSTRY 2812.—ALKALIES AND CHLORINE										
	Materials, containers, and supplies, total	.....	.....	(X)	(X)	185.1	(X)	(X)	(X)	159.3	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid	100% HCl..	1,000 short tons.....	99.3	(NA)	(NA)	(NA)	44.6	2.6	0.2	42.0
281931	Sulfuric acid	100% H_2SO_4	...do.....	(NA)	(NA)	(NA)	-	36.1	36.1	0.8	-
281912	Ammonia, synthetic, anhydrous	100% NH_3..	...do.....	24.7	(D)	(D)	(D)	21.4	19.1	1.9	2.3
281211	Chlorine	100% Cl...	...do.....	493.8	(D)	(D)	(D)	624.4	(D)	(D)	(D)
281228	Sodium carbonate (soda ash)	58% Na_2O..	...do.....	364.3	(NA)	(NA)	(NA)	599.0	30.5	1.0	568.5
281238	Sodium hydroxide (caustic soda)	100% NaOH.	...do.....	349.7	(D)	(D)	(D)	159.8	(D)	(D)	(D)
	Organic chemicals:										
281552	Benzol (benzene)	100% C_6H_6.	Million lbs.	52.5	52.5	2.3	-	65.2	65.2	2.9	-
	Used as raw materials:										
331210	Coke, including breeze	.....	1,000 short tons.....	318.0	318.0	6.3	-	243.3	243.3	4.2	-
131302	Natural gas	.....	Mil. cu. ft.	5,888	5,888	1.4	-	7,392	7,392	1.1	-
970099	All other materials and components, containers, and supplies	.....	.....	(X)	(X)	167.2	(X)	(X)	(X)	145.8	(X)
976000	Materials, containers, supplies, n.s.k.[1]	.....	.....	(X)	(X)	7.9	(X)	(X)	(X)	[1]1.2	(X)
	INDUSTRY 2815.—CYCLIC INTERMEDIATES AND CRUDES										
	Materials, containers, and supplies, total	.....	.....	(X)	(X)	751.3	(X)	(X)	(X)	544.3	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid	100% HCl..	1,000 short tons.....	(NA)	(NA)	(NA)	(NA)	79.5	57.6	3.8	21.9
281911	Nitric acid	100% HNO_3.	...do.....	288.7	65.7	4.2	223.0	271.3	46.0	3.1	225.4
281931	Sulfuric acid	100% H_2SO_4	...do.....	477.1	193.6	6.8	283.5	602.4	266.8	6.0	335.7
281912	Ammonia synthetic anhydrous	100% NH_3..	...do.....	130.8	60.8	3.5	70.0	126.7	56.0	3.9	70.7
281211	Chlorine	100% Cl...	...do.....	324.1	210.8	10.9	113.4	242.3	(D)	(D)	(D)
281228	Sodium carbonate (ash soda)	58% Na_2O..	...do.....	(NA)	(NA)	(NA)	(NA)	43.9	43.9	1.8	-
281238	Sodium hydroxide (caustic soda)	100% NaOH.	...do.....	248.3	158.9	8.9	89.4	266.5	182.9	10.7	83.6
	Organic chemicals:										
281852	Alcohol, ethyl (pure and denatured)	.....	.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.6	-
281820	Other alcohols, including amyl, butyl, methyl and propyl	.....	Million gals.	86.0	86.0	10.4	-	(NA)	(NA)	11.0	(NA)
281511	Aniline	100%.....	Million lbs..	54.2	54.2	6.5	-	22.5	22.5	3.4	-
281552	Benzol (benzene)	100% C_6H_6.	...do.....	1,584.5	1,576.3	48.8	8.3	1,200.4	1,163.1	38.0	37.4
281823	Formaldehyde	37% HCHO..	...do.....	(NA)	(NA)	(NA)	(NA)	13.5	13.5	0.5	-
	Liquefied petroleum and refinery gases for chemical feedstocks:										
291165	Ethylene	.....	...do.....	(D)	(D)	(D)	(D)	647.3	550.2	22.8	97.1
291166	Propylene	.....	...do.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.7	-
291169	Other	.....	...do.....	(NA)	(NA)	19.4	(NA)	(NA)	(NA)	11.0	(NA)
281555	Naphthalene grades of 77.5°C or higher	.....	Million lbs.	245.3	(D)	(D)	(D)	134.1	68.9	4.3	65.2
281512	Nitrobenzene	100%.....	...do.....	213.4	8.9	0.7	204.6	212.2	4.7	0.4	207.5
281513	Phenol	100%.....	...do.....	71.6	20.4	2.0	51.2	48.4	15.9	1.9	32.5
281514	Phthalic anhydride	100%.....	...do.....	51.3	18.9	2.3	32.4	30.4	16.0	1.7	14.4
281553	Tar, crude	.....	1,000 short tons.....	1,236.0	1,236.0	28.4	-	1,315.1	1,315.1	29.9	-
	Crude materials:										
147701	Sulfur	.....	1,000 Long tons.....	180.0	180.0	6.5	-	196.5	196.5	4.5	-
333348	Zinc and zinc-base alloy refinery shapes	.....	1,000 short tons.....	(NA)	(NA)	(NA)	(NA)	1.7	1.7	0.6	-

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
	Used as raw materials:										
291101	Fuel oil	.....	1,000 bbls. (42 gal.).	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.2	-
131302	Natural gas	.....	Mil. cu.ft.	(NA)	(NA)	7.4	(NA)	(NA)	(NA)	7.4	-
970099	All other materials and components, parts, containers, and supplies consumed	.....	.....	(X)	(X)	501.4	(X)	(X)	(X)	358.1	(X)
976000	Materials, containers, and supplies, n.s.k.[1]	.....	.....	(X)	(X)	83.2	(X)	(X)	(X)	18.0	(X)
	INDUSTRY 2818.—INDUSTRIAL ORGANIC CHEMICALS, N.E.C.										
	Materials, containers, and supplies, total	.....	.....	(X)	(X)	2,398.1	(X)	(X)	(X)	1,764.9	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid	100% HCl..	1,000 short tons.....	(S)	(S)	13.8	(S)	438.7	149.2	6.7	289.5
281946	Hydrofluoric acid	100% HF...	...do.....	92.4	60.3	16.5	32.1	60.2	33.5	8.8	26.7
281911	Nitric acid	100% HNO_3.	...do.....	(S)	(S)	14.1	(S)	447.6	91.0	7.0	356.7
281948	Phosphoric acid	100% P_2O_5.	...do.....	(NA)	(NA)	(Z)	(NA)	5.2	5.2	0.8	-
281931	Sulfuric acid	100% H_2SO_4.	...do.....	1,702.0	1,112.6	24.1	589.5	1,502.4	948.9	19.4	553.5
281912	Ammonia, synthetic, anhydrous	100% NH_3..	...do.....	1,203.7	510.2	23.8	693.5	755.6	379.2	25.8	376.3
281211	Chlorine	100% Cl...	...do.....	4,594.6	1,505.4	71.9	3,089.2	2,940.8	1,115.2	64.9	1,825.6
281996	Phosphorus, elemental	Technical.	...do.....	17.3	10.5	3.2	6.8	3.1	3.1	1.0	-
281228	Sodium carbonate (soda ash)	58% Na_2O..	...do.....	56.5	48.0	2.0	8.5	43.8	40.4	1.7	3.4
281238	Sodium hydroxide (caustic soda)	100% NaOH.	...do.....	(S)	613.7	27.8	(S)	1,345.0	463.8	22.0	881.1
	Organic chemicals:										
281852	Alcohol, ethyl (pure and denatured)	.....	.....	(X)	(X)	41.4	(X)	(NA)	(NA)	37.8	-
281820	Other alcohols, including amyl, butyl, methyl, and propyl	.....	Million gals.	(NA)	(NA)	88.2	(NA)	431.5	176.3	55.9	255.2
281511	Aniline	100%.....	Million lbs.	79.5	79.5	9.5	-	56.8	56.8	8.1	-
281552	Benzol (benzene)	100% C_6H_6	...do.....	1,225.7	(D)	(2)	(D)	1,209.1	1,024.3	34.3	184.8
281823	Formaldehyde	37% $HCHO$..	...do.....	1,238.8	102.2	3.0	1,136.7	1,052.2	111.4	3.2	940.8
	Liquefied petroleum and refinery gases for chemical feedstocks:										
291165	Ethylene	.....	...do.....	7,208.8	2,547.5	97.9	4,661.3	4,512.3	1,075.3	51.7	3,437.0
291164	Propane	.....	.....	320.2	320.2	35.2	-	(NA)	(NA)	26.4	(NA)
291166	Propylene	.....	Million lbs.	2,604.4	1,841.3	41.0	763.2	1,554.1	1,276.2	26.0	277.9
291169	Other, including mixtures	.....	...do.....	(NA)	(NA)	103.3	(NA)	(NA)	(NA)	51.6	(NA)
281555	Naphthalene	.....	...do.....	397.2	397.2	17.6	-	296.9	294.5	13.9	2.4
281513	Phenol	100%.....	...do.....	487.7	344.2	30.7	143.5	225.4	140.1	22.0	85.3
281514	Phthalic anhydride	100%.....	...do.....	297.6	124.0	12.8	173.6	151.5	52.7	5.8	98.8
	Crude materials:										
147701	Sulfur	.....	1,000 long tons.....	665.0	665.0	22.6	-	539.9	539.9	13.7	-
	Used as raw materials:										
121011	Bituminous coal and lignite	.....	1,000 short tons.....	(NA)	(NA)	(NA)	-	(NA)	(NA)	7.8	-
291101	Fuel oil	.....	.....	(NA)	(NA)	(Z)	-	(NA)	(NA)	1.1	-
131302	Natural gas	.....	Mil. cu. ft.	(S)	(S)	62.0	-	(NA)	(NA)	43.6	-
970099	All other materials and components, parts, containers, and supplies consumed	.....	.....	(X)	(X)	[2]1,434.8	(X)	(X)	(X)	1,072.5	(X)
976000	Materials, containers, and supplies, n.s.k.[1]	.....	.....	(X)	(X)	200.9	(X)	(X)	(X)	131.2	(X)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)
					Quantity	Delivered cost (million dollars)			Quantity	Delivered cost (million dollars)	
	INDUSTRY 2819.--INDUSTRIAL INORGANIC CHEMICALS, N.E.C.										
	Materials, containers, and supplies, total	.....	.....	(X)	(X)	1,526.3	(X)	(X)	(X)	1,141.6	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid	100% HCl	1,000 short tons	(S)	(S)	4.2	(D)	(NA)	(NA)	3.4	52.9
281946	Hydrofluoric acid	100% HF	...do	(S)	(S)	3.3	(S)	(NA)	(NA)	2.7	22.4
281911	Nitric acid	100% HNO_3	...do	3,074.5	93.9	4.2	2,980.6	2,679.3	21.0	1.5	2,658.3
281948	Phosphoric acid	100% P_2O_5	...do	875.6	210.8	24.4	664.8	792.7	110.6	17.1	682.0
281931	Sulfuric acid	100% H_2SO_4	...do	3,358.6	1,650.2	30.8	1,708.4	2,914.8	1,082.9	18.5	1,831.9
281912	Ammonia, synthetic, anhydrous	100% NH_3	...do	3,160.3	696.4	33.1	2,463.9	2,586.2	266.3	17.3	2,319.9
281211	Chlorine	100% Cl	...do	(S)	215.3	13.4	(S)	306.0	123.4	8.6	182.6
281996	Phosphorous, elemental	Technical	...do	419.5	397.9	115.6	21.5	303.2	284.1	78.7	19.1
281228	Sodium carbonate (soda ash)	58% Na_2O	...do	1,599.0	(D)	[3]	(D)	1,310.4	1,310.4	46.9	-
281238	Sodium hydroxide (caustic soda)	100% NaOH	...do	733.5	686.6	29.1	46.9	481.6	424.3	20.6	57.3
	Organic chemicals:										
281852	Alcohol, ethyl (pure and denatured)	.....	.....	(S)	(S)	1.9	-	(NA)	(NA)	1.1	-
281820	Other alcohols, including amyl, butyl, methyl, and propyl	.....	.....	(S)	(S)	5.5	-	(NA)	(NA)	2.0	-
281513	Phenol	100%	Million lbs.	63.3	63.3	5.5	-	(NA)	(NA)	5.6	-
	Crude materials:										
105101	Bauxite	.....	1,000 short tons	15,771.3	15,771.3	229.8	-	12,584.5	12,584.5	176.4	-
147501	Phosphate rock	.....	1,000 long tons	5,669.6	5,669.6	45.0	-	(NA)	(NA)	37.6	-
147901	Pyrites	.....	...do	361.8	361.8	4.2	-	1,005.8	1,005.8	11.1	-
147701	Sulfur [4]	.....	...do	2,431.4	2,431.4	89.8	-	1,804.3	1,804.3	45.1	-
281932	Sulfuric acid sludge (decomposition acid)	.....	1,000 short tons	(S)	(S)	5.4	-	1,032.2	1,032.2	5.6	-
333348	Zinc and zinc-base alloy refinery shapes	.....	...do	23.0	23.0	5.3	-	(NA)	(NA)	1.8	-
	Used as raw material:										
121011	Bituminous coal and lignite	.....	...do	224.3	224.3	2.1	-	407.0	407.0	1.8	-
331210	Coke, including breeze	.....	...do	993.4	993.4	19.6	-	782.4	782.4	14.4	-
131302	Natural gas	.....	Mil. cu. ft.	223,060	223,060	65.0	-	118,921	118,921	34.7	-
970099	All other materials and components, parts, containers, and supplies consumed	.....	.....	(X)	(X)	[3]663.1	(X)	(X)	(X)	519.7	(X)
976000	Materials, containers and supplies, n.s.k. [1]	.....	.....	(X)	(X)	126.0	(X)	(X)	(X)	69.4	(X)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind. (Z) Under $50 thousand. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

[2]Code 281552 combined with code 970099 for 1967.

[3]Code 281228 combined with code 970099 for 1967.

[4]Excludes quantities of sulfur derived from other sources such as copper pyrites, hydrogen sulfide and smelter gas.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Alkalies and chlorine (SIC 2812)	Industrial gases (SIC 2813)	Cyclic intermediates and crudes (SIC 2815)	Inorganic pigments (SIC 2816)	Industrial organic chemicals, n.e.c. (SIC 2818)	Industrial inorganic chemicals, n.e.c. (SIC 2819)
	Cost of purchased fuels and electric energy, total....	Million dollars.	96.0	63.6	54.1	21.7	263.6	339.7
	Cost of purchased fuels, total.....	...do.....	45.2	12.1	33.2	15.4	180.5	121.4
121005	Coal (anthracite, bituminous, and lignite):							
	Quantity.....	1,000 short tons	2,991.8	(D)	1,103.1	386.0	4,392.8	1,959.1
	Cost.....	Million dollars.	18.5	(D)	7.8	3.6	33.7	13.7
	Fuel oil, total:							
	Quantity.....	1,000 barrels...	628.1	243.4	1,986.5	1,499.3	2,680.8	2,761.9
	Cost.....	Million dollars.	1.8	1.0	5.0	3.6	7.1	8.3
291141	Distillate:							
	Quantity.....	1,000 barrels...	191.7	62.9	310.6	215.3	1,168.2	962.1
	Cost.....	Million dollars.	0.8	0.3	1.1	0.9	3.5	3.9
291151	Residual:							
	Quantity.....	1,000 barrels...	436.4	180.5	1,675.9	1,284.0	1,512.6	1,799.8
	Cost.....	Million dollars.	1.0	0.7	3.9	2.7	3.6	4.4
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):							
	Quantity.....	Million cu. ft..	44,258.8	18,924.9	33,151.2	13,653.3	551,568.8	339,998.4
	Cost.....	Million dollars.	12.0	6.8	15.0	5.6	108.8	89.7
	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	5.3	1.4	(Z)	0.3	1.7	2.7
	Fuels, n.s.k.....	...do.....	7.6	2.9	5.4	2.3	29.2	7.0
	Purchased electric energy:							
	Quantity.....	Million kw.-hrs.	9,298.0	6,776.4	2,574.0	673.4	13,378.0	44,070.3
	Cost.....	Million dollars.	50.8	51.5	20.9	6.3	83.1	218.3
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	3,021.0	274.0	168.9	192.0	11,385.6	2,693.4
	Total energy used for heat and power[1].....	Million kw.-hrs. equivalent.....	58,280.6	17,821.3	30,206.0	13,019.9	247,468.2	177,257.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) The standard error of the estimate is greater than zero but less than 1 percent.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization–the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization–the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2812	ALKALIES AND CHLORINE										
	ENTIRE INDUSTRY	44	19.2	155.7	12.8	25.5	94.4	419.2	302.0	719.8	98.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	27	6.2	47.3	4.8	9.6	34.1	145.1	110.6	255.7	34.0
28121	CHLORINE, COMPRESSED OR LIQUEFIED										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	9	2.9	23.7	2.0	3.9	14.8	105.6	68.2	173.7	28.7
28122	SODIUM CARBONATE (SODA ASH)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	7	10.0	81.9	6.7	13.2	49.5	150.4	116.4	266.1	13.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28123	SODIUM HYDROXIDE (CAUSTIC SODA)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	20	6.0	48.1	4.0	8.0	28.7	153.6	106.6	259.7	41.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28124	OTHER ALKALIES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2813	INDUSTRIAL GASES										
	ENTIRE INDUSTRY	507	10.3	78.5	5.3	11.1	36.6	400.9	188.8	588.7	123.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	485	10.0	75.9	5.1	10.6	34.8	372.8	172.4	544.5	82.6
28132	ACETYLENE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	108	1.9	13.6	1.1	2.1	6.8	44.5	37.9	82.5	7.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	102	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28133	CARBON DIOXIDE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	48	1.0	7.8	.4	.9	2.8	34.3	8.5	42.5	1.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	46	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28134	ELEMENTAL, COMPRESSED, LIQUEFIED GASES, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	242	6.4	49.6	3.3	7.0	24.1	291.0	125.0	415.4	71.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	211	5.6	43.8	3.0	6.4	21.6	253.2	102.2	354.5	69.9
2815	CYCLIC INTERMEDIATES AND CRUDES										
	ENTIRE INDUSTRY	177	30.0	251.1	20.3	41.7	152.9	729.5	874.5	1 596.8	136.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	150	18.0	148.0	11.9	24.6	84.9	407.6	466.1	867.8	91.5
28151	CYCLIC INTERMEDIATES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	47	12.0	105.8	8.0	16.2	64.8	365.0	487.6	847.7	89.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	30	5.2	46.3	3.3	6.7	26.0	181.9	203.1	382.7	62.0
28152	SYNTHETIC ORGANIC DYES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	34	11.6	92.0	8.1	16.7	57.8	230.3	214.1	445.5	33.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	25	4.1	32.3	2.8	5.9	18.6	78.5	77.6	154.5	9.2
28153	SYNTHETIC ORGANIC PIGMENTS, LAKES, AND TONERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	24	4.4	37.3	2.7	5.4	18.6	81.4	79.1	157.1	8.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	16	2.1	18.5	1.3	2.6	8.8	35.3	39.4	73.2	5.5
28155	CYCLIC (COAL TAR) CRUDES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	31	1.6	11.6	1.2	2.6	9.0	35.5	72.8	108.2	1.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2816	INORGANIC PIGMENTS										
	ENTIRE INDUSTRY	98	12.6	97.2	8.9	17.7	63.2	316.3	235.0	549.3	20.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	85	10.2	79.5	7.3	14.6	52.6	269.1	184.6	453.8	16.5
28161	TITANIUM PIGMENTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	11	6.5	55.0	4.5	8.9	36.0	197.3	96.8	291.6	7.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28162	OTHER WHITE OPAQUE PIGMENTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	7	1.2	6.9	.9	1.8	5.1	19.4	31.8	52.3	6.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28163	CHROME COLORS AND OTHER INORGANIC PIGMENTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	52	4.7	33.7	3.3	6.7	21.0	95.5	102.7	197.7	6.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	40	2.6	18.2	1.9	3.9	11.6	58.3	59.3	116.3	3.3
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC										
	ENTIRE INDUSTRY	488	95.1	844.9	62.4	126.4	499.8	3 575.3	2 849.0	6 377.8	781.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	365	42.3	372.0	28.4	57.3	224.5	1 688.5	1 465.4	3 130.8	349.6
28181	MISCELLANEOUS CYCLIC CHEMICAL PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	28	2.5	19.1	1.6	3.4	11.2	72.2	74.6	144.5	13.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	16	1.0	7.0	.6	1.3	4.2	19.9	28.7	47.8	7.1
28182	MISC. ACYCLIC CHEMICALS AND CHEMICAL PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	152	72.8	667.8	48.0	98.0	398.9	2 925.0	2 155.2	5 049.7	626.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	83	21.8	205.3	14.0	28.3	117.8	904.2	804.5	1 694.1	231.8
28183	SYNTHETIC ORGANIC CHEMICALS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	57	10.0	79.5	6.4	11.8	45.3	282.5	345.4	624.0	32.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	30	1.8	15.4	1.2	2.6	8.5	62.6	82.8	143.7	6.8
28184	PESTICIDES, ORGANIC CHEMICALS, NOT FORMULATIONS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	22	3.5	29.0	2.2	4.5	16.3	160.6	123.3	277.3	19.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	8	.4	3.8	.3	.6	1.8	32.0	25.5	54.3	6.5

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967–Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
28185	ETHYL ALCOHOL, INDUSTRIAL ORGANIC CHEMICALS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	57	5.0	38.9	3.2	6.8	22.3	109.1	123.8	230.4	14.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	38	1.8	13.0	1.2	2.5	7.6	41.8	47.3	88.0	4.7
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC										
	ENTIRE INDUSTRY	718	81.2	662.4	51.8	106.2	381.4	2 295.4	1 986.0	4 248.4	261.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	615	41.0	322.4	29.2	60.9	212.3	1 216.6	1 344.0	2 536.8	170.8
28191	SYNTHETIC AMMONIA, NITRIC ACID, AMMONIUM COMP.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	74	12.7	104.7	8.6	18.1	64.4	456.3	342.7	778.3	53.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	54	8.0	66.8	5.6	11.8	41.8	307.0	226.7	519.5	43.2
28192	INORGANIC INDUST., HOUSEHOLD BLEACHING COMPOUNDS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	71	2.3	16.1	1.7	3.7	10.8	92.1	91.9	182.7	7.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	53	1.3	9.2	.9	1.9	5.6	60.7	64.4	124.6	2.0
28193	SULFURIC ACID										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	53	3.4	26.1	2.5	5.2	18.1	126.9	137.9	263.3	12.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	34	1.1	8.1	.8	1.7	5.6	49.1	59.2	107.0	7.4
28194	INORGANIC ACIDS, EXCEPT NITRIC AND SULFURIC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	14	2.1	16.7	1.5	3.1	11.5	47.7	51.0	98.6	10.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	5	.2	1.4	.1	.3	.9	3.7	10.2	14.1	(D)
28195	ALUMINUM OXIDE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	11	6.4	52.3	5.0	9.9	37.9	138.6	307.3	446.4	40.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28196	OTHER ALUMINUM COMPOUNDS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	48	1.1	8.3	.8	1.6	5.5	41.5	42.1	83.1	2.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	41	.7	5.0	.5	1.0	3.1	23.0	23.4	46.2	1.3
28197	POTASS., SODIUM COMP., EXC. BLEACH, ALKALI, ALUM.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	70	7.3	62.2	5.2	11.1	41.5	198.1	308.0	502.8	24.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	50	3.4	27.3	2.5	5.5	19.1	81.1	126.7	205.5	9.5
28198	CHEMICAL CATALYTIC PREPARATIONS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	16	2.0	15.7	1.2	2.6	8.9	46.0	37.3	85.1	8.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	10	1.1	8.5	.6	1.2	3.9	30.8	26.5	58.9	2.8
28199	OTHER INORGANIC CHEMICALS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	149	18.6	146.4	12.5	26.2	89.4	513.8	520.0	1 026.3	59.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	114	9.1	69.5	6.6	13.9	46.3	273.5	268.8	537.2	42.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussions of items.
Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

PLASTICS MATERIALS, SYNTHETIC RUBBER, AND MANMADE FIBERS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2821--Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers
2822--Synthetic Rubber (Vulcanizable Elastomers)
2823--Cellulosic Manmade Fibers
2824--Synthetic Organic Fibers, Except Cellulosic

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2821--PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZABLE ELASTOMERS

This industry comprises establishments primarily engaged in manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers. Important products of this industry include: cellulose plastics materials; phenolic and other tar acid resins; urea and melamine resins; vinyl resins; styrene resins; alkyd resins; acrylic resins; polyethylene resins; polypropylene resins; rosin modified resins; coumarone-indene and petroleum polymer resins; and miscellaneous resins including polyamide resins, silicones, polyisobutylenes, polyesters, polycarbonate resins, acetal resins, and fluoro-hydrocarbon resins; vulcanized fiber; casein plastics; and regenerated cellulose. This classification does not include nonchemical manufacturers who merely purchase resin or plastics materials to produce fabricated plastics products, film, and sheets, which are classified in industry 3079. For a detailed list of products of industry 2821, refer to table 6A, product codes 2821111 to 2821998.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Plastics Materials and Resins Industry in 1967 totaled $3,473.9 million. This included shipments of plastics materials and resins (primary products), valued at $2,827.1 million, shipments of other products (secondary products) valued at $577.0 million, and miscellaneous receipts of $69.9 million.

This industry's shipments of plastics materials and resins (primary products) in 1967 represented 83 percent (specialization ratio) of its total product shipments (primary

and secondary). The industry specialization ratio in 1963 was 84 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial organic chemicals, n.e.c. ($169.6 million), and miscellaneous plastics products ($127.2 million).

Industry 2821 shipments of plastics materials and resins (primary products) in 1967 represented 60 percent (coverage ratio) of these products valued at $4,703.1 million shipped by all industries. In 1963, the coverage ratio was 64 percent. Other industries shipping plastics materials and resins (primary products) consisted mainly of industry 3079, Miscellaneous Plastics Products, N.E.C.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2821, these establishments accounted for approximately 0.3 percent of payroll and 0.3 percent of value added by manufacture.

2822--SYNTHETIC RUBBER (VULCANIZABLE ELASTOMERS)

This industry comprises establishments primarily engaged in the manufacture of synthetic rubber by polymerization or copolymerization. For products of industry 2822, refer to table 6A, product code 2822000.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Synthetic Rubber Industry in 1967 totaled $926.9 million. This included shipments of synthetic rubber (primary products), valued at $814.4 million, shipments of other products (secondary products) valued at $97.4 million, and miscellaneous receipts of $15.2 million.

This industry's shipments of synthetic rubber (primary products) in 1967 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 92 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial organic chemicals, n.e.c. ($62.4 million).

Industry 2822 shipments of synthetic rubber (primary products) in 1967 represented 81 percent (coverage ratio) of these products valued at $1,004.9 million shipped by all industries. In 1963, the coverage ratio was 80 percent. Other industries shipping synthetic rubber (primary products) consisted mainly of industry 2821, Plastics Materials and Resins, and industry 2818, Industrial Organic Chemicals, N.E.C.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2822, these establishments accounted for approximately 0 percent of payroll and 0 percent of value added by manufacture.

2823--CELLULOSIC MANMADE FIBERS

This industry comprises establishments primarily engaged in manufacturing cellulosic fibers (including cellulose acetate and regenerated cellulose such as rayon by the viscose or cuprammonium process) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229. For a detailed list of products of industry 2823, refer to table 6A, product codes 2823111 to 2823298.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Cellulosic Manmade Fibers Industry in 1967 totaled $902.8 million.

Secondary products shipped by this industry in 1967 consisted mainly of organic fibers, noncellulosic, and plastics materials and resins.

Other industries shipping cellulosic manmade fibers (primary products) consisted mainly of industry 2824, Organic Fibers, Noncellulosic.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2823, these establishments accounted for approximately 0 percent of payroll and 0 percent of value added by manufacture.

2824--SYNTHETIC ORGANIC FIBERS, EXCEPT CELLULOSIC

This industry comprises establishments primarily engaged in manufacturing synthetic organic fibers except cellulosic (including those of regenerated proteins, and of polymers or copolymers of such components as vinyl chloride, vinylidene chloride, linear esters, vinyl alcohols, acrylonitrile, ethylenes, amides, and related polymeric materials) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229. For a detailed list of products of industry 2824, refer to table 6A, product codes 2824115 to 2824286.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Organic Fibers, Noncellulosic Industry in 1967 totaled $2,033.2 million. This included shipments of organic fibers noncellulosic (primary products), valued at $1,863.9 million, shipments of other products (secondary products) valued at $159.9 million, and miscellaneous receipts of $9.4 million.

This industry's shipments of organic fibers, noncellulosic (primary products) in 1967 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 95 percent. Secondary products shipped by this industry in 1967 consisted mainly of cellulosic manmade fibers.

Industry 2824 shipments of organic fibers, noncellulosic (primary products) in 1967 represented 94 percent (coverage ratio) of these products valued at $1,974.1 million shipped by all industries. In 1963, the coverage ratio was 97 percent. Other industries shipping organic fibers, noncellulosic (primary products) consisted mainly of industry 2823, Cellulosic Manmade Fibers.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2824, these establishments accounted for approximately 0 percent of payroll and 0 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2821.--PLASTICS MATERIALS AND RESINS														
1967 Census....	660	340	70.6	568.8	46.8	95.6	332.7	1,635.1	1,849.8	3,473.9	310.1	395.3	83	60
1966 ASM[1].....	(NA)	(NA)	70.8	556.9	47.5	100.0	328.7	1,702.8	1,853.6	3,532.9	300.0	376.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	66.0	498.9	44.7	93.6	301.8	1,479.7	1,646.6	3,117.7	219.8	336.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	62.6	461.5	42.0	88.9	278.2	1,347.0	1,425.3	2,773.9	209.5	319.1	(NA)	(NA)
1963 Census....	509	256	61.4	437.6	41.4	86.1	264.5	1,202.3	1,371.3	2,571.5	137.8	321.8	84	64
1962 ASM[1].....	(NA)	(NA)	57.7	401.5	39.5	82.2	245.0	1,102.0	1,279.2	2,372.1	149.5	294.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	54.5	369.3	37.0	77.7	222.1	968.5	1,163.1	2,124.5	157.3	271.4	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	55.3	359.0	37.8	77.9	216.9	1,041.4	1,167.3	2,183.0	155.0	270.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	54.1	344.4	37.2	77.7	211.1	1,110.7	1,145.6	2,236.3	132.0	255.3	(NA)	(NA)
1958 Census[2]...	349	196	51.0	308.2	35.3	72.0	189.3	872.0	973.0	1,846.7	178.9	226.7	86	71
INDUSTRY 2822.— SYNTHETIC RUBBER														
1967 Census....	48	28	12.6	110.4	8.5	16.8	66.5	404.9	521.2	926.9	75.2	97.0	89	81
1966 ASM[1].....	(NA)	(NA)	13.2	111.7	8.6	17.2	66.6	443.4	519.8	954.7	41.9	93.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	11.9	100.0	7.8	15.9	59.3	391.9	456.8	847.7	35.1	80.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	11.9	96.3	7.9	16.2	59.6	359.9	459.7	819.3	23.3	80.4	(NA)	(NA)
1963 Census....	24	24	11.8	93.5	7.8	15.9	56.6	329.5	435.4	763.9	32.3	76.8	92	80
1962 ASM[1].....	(NA)	(NA)	11.6	88.2	7.7	15.7	53.6	318.4	439.0	759.0	41.9	74.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	10.9	79.8	7.5	14.5	49.1	291.8	406.3	696.4	59.5	80.5	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	11.0	77.3	7.6	15.3	48.3	275.6	457.3	725.8	48.2	78.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	9.9	67.8	6.9	14.1	43.9	281.5	434.8	703.3	17.3	69.9	(NA)	(NA)
1958 Census[2]...	18	17	9.3	60.9	6.2	12.5	37.6	197.9	341.0	536.3	16.0	53.8	95	83
INDUSTRY 2823.--CELLULOSIC MANMADE FIBERS														
1967 Census....	23	20	31.9	198.2	25.3	50.0	141.1	506.8	383.3	902.8	51.6	108.8	(NA)	(NA)
1966 ASM[1].....	(NA)	(NA)	34.3	208.8	27.5	55.0	150.7	550.6	395.2	924.1	89.2	120.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	34.0	198.0	27.2	54.3	141.8	515.6	393.8	903.2	73.9	90.2	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	31.9	182.9	25.5	52.0	132.5	483.5	353.3	838.8	83.7	90.9	(NA)	(NA)
1963 Census....	19	19	30.1	167.0	24.0	48.1	120.5	411.5	320.0	731.8	38.1	81.6	(NA)	(NA)
1962 ASM[1].....	(NA)	(NA)	35.1	183.8	27.3	53.8	128.5	413.7	315.0	724.3	26.6	99.1	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	33.1	171.7	25.6	50.1	118.1	358.4	268.3	643.8	29.8	92.5	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	40.3	211.0	30.7	59.3	141.3	389.1	324.6	709.1	50.7	119.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	41.5	211.3	32.2	64.0	145.4	444.8	344.2	781.9	*49.2	114.7	(NA)	(NA)
1958 Census[2]...	26	26	42.6	211.5	31.8	62.5	141.0	390.3	322.3	722.8	42.6	108.1	81	100
INDUSTRY 2824.--ORGANIC FIBERS, NONCELLULOSIC														
1967 Census....	40	35	57.2	415.9	40.7	80.9	257.9	1,251.8	767.7	2,033.2	309.7	267.7	92	94
1966 ASM[1].....	(NA)	(NA)	59.1	421.3	40.6	80.7	246.0	1,301.5	733.8	1,991.8	384.7	266.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	51.5	358.5	36.5	73.6	216.4	1,215.4	683.4	1,842.9	363.0	211.0	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	44.3	304.6	30.7	62.3	180.6	1,043.1	540.0	1,580.6	163.6	130.0	(NA)	(NA)
1963 Census....	25	24	41.4	275.8	28.4	57.2	161.0	922.0	487.8	1,403.2	170.3	124.0	95	97
1962 ASM[1].....	(NA)	(NA)	31.8	214.4	23.3	46.5	131.4	793.2	418.1	1,192.1	118.4	99.2	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	29.0	186.4	20.4	40.2	111.8	668.1	367.4	1,039.5	117.5	75.0	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	23.4	141.8	17.0	33.6	88.6	549.6	321.6	868.3	48.1	69.5	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	22.2	129.6	16.3	32.2	82.2	557.8	333.7	875.1	24.7	68.9	(NA)	(NA)
1958 Census[2]...	14	14	18.7	102.7	12.9	26.0	61.9	439.6	243.7	668.4	53.7	48.6	(NA)	(NA)

Note: In 1967, 1963, and 1958, the number of companies in industry 2821 was 508, 391, and 279, respectively; in industry 2822: 33, 16, and 13; industry 2823: 13, 8, and 10; and industry 2824: 22, 14, and 9. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production workers as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2821.--PLASTICS MATERIALS AND RESINS								
1967 Census	8,052	66	2,044	3.48	.53	.67	23,146	35	17.10
1966 ASM	7,870	67	2,104	3.29	.52	.68	24,064	33	17.03
1965 ASM	7,555	68	2,096	3.22	.53	.69	22,407	34	15.80
1964 ASM	7,377	67	2,117	3.13	.51	.68	21,529	34	15.15
1963 Census	7,130	68	2,078	3.07	.53	.70	19,593	36	13.96
1962 ASM	6,962	68	2,081	2.98	.54	.71	19,108	36	13.41
1961 ASM	6,781	68	2,101	2.86	.55	.72	17,785	38	12.46
1960 ASM	6,495	68	2,059	2.78	.53	.70	18,842	34	13.37
1959 ASM	6,361	69	2,088	2.72	.51	.67	20,512	31	14.30
1958 Census	6,043	69	2,040	2.63	.53	.69	17,096	35	12.10
	INDUSTRY 2822.--SYNTHETIC RUBBER								
1967 Census	8,733	67	1,985	3.94	.56	.68	32,022	27	24.04
1966 ASM	8,451	65	2,015	3.86	.54	.66	33,551	25	25.71
1965 ASM	8,415	66	2,034	3.73	.54	.66	32,987	26	24.65
1964 ASM	8,099	66	2,056	3.67	.56	.68	30,282	27	22.15
1963 Census	7,898	66	2,029	3.56	.57	.69	27,831	28	20.70
1962 ASM	7,605	67	2,034	3.40	.58	.69	27,469	28	20.22
1961 ASM	7,304	68	1,951	3.38	.58	.70	26,700	27	20.07
1960 ASM	7,015	69	2,017	3.16	.63	.74	24,993	28	18.03
1959 ASM	6,846	70	2,037	3.12	.62	.71	28,442	24	20.03
1958 Census	6,583	67	2,014	3.00	.64	.75	21,386	31	15.79
	INDUSTRY 2823.--CELLULOSIC MANMADE FIBERS								
1967 Census	6,218	79	1,976	2.82	.42	.64	15,898	39	10.14
1966 ASM	6,083	80	2,002	2.74	.43	.65	16,043	38	10.00
1965 ASM	5,830	80	1,996	2.61	.44	.66	15,185	38	9.49
1964 ASM	5,734	80	2,040	2.55	.42	.64	15,162	38	9.31
1963 Census	5,552	80	2,003	2.50	.44	.67	13,678	41	8.55
1962 ASM	5,239	78	1,969	2.39	.43	.69	11,793	44	7.70
1961 ASM	5,192	77	1,959	2.36	.42	.68	10,838	48	7.15
1960 ASM	5,235	76	1,930	2.38	.46	.76	9,654	54	6.56
1959 ASM	5,093	78	1,989	2.27	.44	.71	10,724	47	6.95
1958 Census	4,965	75	1,967	2.26	.45	.74	9,163	54	6.25
	INDUSTRY 2824.--ORGANIC FIBERS, NONCELLULOSIC								
1967 Census	7,273	71	1,990	3.19	.38	.58	21,890	33	15.47
1966 ASM	7,127	69	1,987	3.05	.37	.58	22,018	32	16.12
1965 ASM	6,965	71	2,020	2.94	.37	.57	23,614	29	16.50
1964 ASM	6,874	69	2,029	2.90	.34	.53	23,537	29	16.74
1963 Census	6,659	69	2,017	2.81	.35	.54	22,259	30	16.11
1962 ASM	6,734	73	1,998	2.83	.35	.53	24,916	27	17.07
1961 ASM	6,439	70	1,973	2.78	.35	.53	23,072	28	16.61
1960 ASM	6,052	73	1,973	2.64	.37	.53	23,459	26	16.37
1959 ASM	5,843	73	1,979	2.55	.38	.53	25,149	23	17.32
1958 Census	5,499	69	2,018	2.38	.35	.50	23,530	23	16.89

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2821-- PLASTICS MATERIALS AND RESINS													
UNITED STATES	660	340	70.6	568.8	46.8	95.6	332.7	1 635.1	1 849.8	3 473.9	310.1	61.4	1 202.3
NORTHEAST REGION	272	147	30.3	241.7	19.6	40.3	134.7	560.3	735.6	1 298.4	60.6	29.2	479.8
NEW ENGLAND DIVISION	87	49	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8.5	115.2
NEW HAMPSHIRE	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VERMONT	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	55	33	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.4	70.5
RHODE ISLAND	12	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	15	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	185	98	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	20.7	364.6
NEW YORK	63	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.0	77.5
NEW JERSEY	80	44	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.3	140.9
PENNSYLVANIA	42	26	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9.4	146.1
NORTH CENTRAL REGION	162	78	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13.1	263.5
EAST NORTH CENTRAL DIVISION	142	69	13.1	108.6	9.4	19.3	70.7	320.0	346.4	660.3	(D)	10.6	212.9
OHIO	42	24	4.1	32.9	3.0	6.2	22.4	104.9	145.7	244.3	23.9	3.7	77.1
INDIANA	11	6	1.2	8.8	.8	1.9	5.7	27.6	16.4	44.7	1.5	[2](D)	[2](D)
ILLINOIS	47	25	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	33.2
MICHIGAN	26	10	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	16	4	.8	6.7	.5	1.2	3.9	17.4	18.6	35.7	1.3	.6	10.9
WEST NORTH CENTRAL DIVISION	20	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.5	50.6
MINNESOTA	8	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
IOWA	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	3	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	118	70	21.6	173.8	14.2	28.9	103.4	620.3	593.7	1 207.4	169.7	(D)	(D)
SOUTH ATLANTIC DIVISION	58	36	11.3	87.0	7.2	14.3	48.5	275.1	231.8	506.9	53.4	10.0	209.2
DELAWARE	11	10	1.7	13.1	1.0	2.1	6.3	32.3	25.1	55.5	14.5	(D)	(D)
MARYLAND	7	3	.2	1.2	.2	.3	.9	3.1	5.1	8.1	.2	(D)	(D)
VIRGINIA[3]	3	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	9	5	.9	7.2	.6	1.1	3.4	16.9	16.2	33.5	1.4	1.0	19.5
SOUTH CAROLINA	6	4	.2	1.3	.2	.3	.7	5.1	10.8	15.7	1.1	[2](D)	[2](D)
GEORGIA	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	24	16	5.4	42.6	3.8	7.7	27.5	159.9	135.9	293.8	33.0	(D)	(D)
KENTUCKY	5	4	1.7	14.4	1.2	2.6	9.8	55.2	51.3	105.8	(D)	[2](D)	[2](D)
TENNESSEE	11	7	2.7	21.6	1.9	3.6	13.4	63.9	52.3	115.9	4.3	[2](D)	[2](D)
ALABAMA	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSISSIPPI	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	36	18	4.9	44.2	3.2	6.9	27.3	185.4	226.1	406.7	83.3	(D)	(D)
LOUISIANA	8	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	23	14	3.9	36.2	2.5	5.4	21.7	140.8	185.1	321.9	41.5	1.9	69.6
WEST REGION	108	45	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	101	44	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OREGON	8	5	.2	1.2	.1	.2	.7	7.7	21.2	28.8	.4	(D)	(D)
CALIFORNIA	89	37	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
2822-- SYNTHETIC RUBBER													
UNITED STATES	48	28	12.6	110.4	8.5	16.8	66.5	404.9	521.2	926.9	75.2	11.8	329.5
NORTHEAST REGION	7	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW JERSEY	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	9	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	7	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	28	20	10.1	88.1	7.2	14.3	56.2	315.6	440.1	757.4	67.4	(D)	(D)
SOUTH ATLANTIC DIVISION	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
DELAWARE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	4	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KENTUCKY	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	19	14	6.6	56.8	4.7	9.4	35.9	200.0	333.0	536.3	43.6	(D)	(D)
LOUISIANA	6	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	12	10	5.1	43.2	3.6	7.1	26.8	147.9	258.9	407.8	31.1	3.5	105.4
WEST REGION	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2823-- CELLULOSIC MANMADE FIBERS													
UNITED STATES	23	20	31.9	198.2	25.3	50.0	141.1	506.8	383.3	902.8	51.6	30.1	411.5
NORTHEAST REGION	7	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW ENGLAND DIVISION	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	5	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	14	13	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	23.7	342.4
SOUTH ATLANTIC DIVISION	8	7	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	6	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ALABAMA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
2824-- ORGANIC FIBERS, NONCELLULOSIC													
UNITED STATES	40	35	57.2	415.9	40.7	80.9	257.9	1 251.8	767.7	2 033.2	309.7	41.4	922.0
NORTHEAST REGION	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	36	33	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH ATLANTIC DIVISION	29	27	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
DELAWARE	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MARYLAND	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	8	8	16.7	128.4	11.4	22.1	76.2	358.2	188.5	548.5	58.6	14.0	257.8
NORTH CAROLINA	8	7	10.2	63.2	7.6	15.4	42.5	199.2	145.6	347.7	54.8	(D)	(D)
SOUTH CAROLINA	7	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.6	99.4
FLORIDA	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	7	6	10.8	86.4	7.3	14.8	51.1	259.6	205.1	462.4	46.8	(D)	(D)
TENNESSEE	5	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Plastics materials and resins (SIC 2821)	Synthetic rubber (SIC 2822)	Cellulosic manmade fibers (SIC 2823)	Organic fibers, noncellulosic (SIC 2824)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.83	.89	(NA)	.92
COVERAGE RATIO[2]	.60	.81	(NA)	.94
ESTABLISHMENTS, TOTAL .NUMBER	660	48	23	40
WITH 1 TO 19 EMPLOYEES .DO	320	20	3	5
WITH 20 TO 99 EMPLOYEES .DO	220	4	2	4
WITH 100 EMPLOYEES OR MORE .DO	120	24	18	31
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	70.6	12.6	31.9	57.2
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	568.8	110.4	198.2	415.9
PRODUCTION WORKERS:				
AVERAGE FOR YEAR 1,000	46.8	8.5	25.3	40.7
MARCH .DO	46.5	8.7	25.4	39.9
MAY .DO	46.8	8.2	24.7	39.7
AUGUST .DO	47.3	8.6	24.6	40.5
NOVEMBER .DO	46.7	8.4	26.5	42.6
MAN-HOURS .MILLIONS	95.6	16.8	50.0	80.9
JANUARY-MARCH .DO	24.3	4.3	12.6	19.8
APRIL-JUNE .DO	23.7	4.0	12.1	19.7
JULY-SEPTEMBER .DO	23.4	4.2	12.0	19.9
OCTOBER-DECEMBER .DO	24.3	4.3	13.4	21.5
WAGES MILLION DOLLARS	332.7	66.5	141.1	257.9
COST OF MATERIALS, ETC., TOTAL .DO	1 849.8	521.2	383.3	767.7
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	1 718.9	483.4	348.9	717.9
COST OF RESALES .DO	43.4	11.2	3.0	5.5
FUELS CONSUMED .DO	35.5	13.6	25.1	25.1
PURCHASED ELECTRIC ENERGY .DO	34.6	10.8	3.7	16.2
CONTRACT WORK .DO	17.3	2.1	2.6	3.0
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	3 473.9	926.9	902.8	2 033.2
VALUE OF RESALES .DO	49.6	13.1	3.1	5.9
VALUE ADDED BY MANUFACTURE .DO	1 635.1	404.9	506.8	1 251.8
MANUFACTURERS' INVENTORIES:				
BEGINNING OF YEAR, TOTAL .DO	378.9	96.6	120.2	269.4
FINISHED PRODUCTS .DO	202.8	66.8	61.2	153.8
WORK IN PROCESS .DO	48.5	4.9	18.8	41.6
MATERIALS, SUPPLIES, FUEL, ETC. .DO	127.6	24.9	40.2	74.0
END OF YEAR, TOTAL .DO	395.3	97.0	108.8	267.7
FINISHED PRODUCTS .DO	207.7	65.0	50.3	137.3
WORK IN PROCESS .DO	54.5	5.9	16.9	44.5
MATERIALS, SUPPLIES, FUEL, ETC. .DO	133.0	26.1	41.6	85.9
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	313.1	75.7	51.8	310.4
NEW PLANT AND EQUIPMENT, TOTAL .DO	310.1	75.2	51.6	309.7
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	59.2	12.3	10.6	48.4
NEW MACHINERY AND EQUIPMENT .DO	250.8	62.9	41.0	261.3
USED PLANT AND EQUIPMENT .DO	3.0	.5	.2	.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2821-- PLASTICS MATERIALS AND RESINS											
ESTABLISHMENTS, TOTAL	660	70.6	568.8	46.8	95.6	332.7	1 635.1	1 849.8	3 473.9	310.1	395.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	152	.2	1.8	.2	.3	1.1	7.1	8.2	15.3	[2]40.1	1.7
5 TO 9 EMPLOYEES	67	.5	3.4	.3	.6	1.8	10.3	16.8	27.0	.7	2.1
10 TO 19 EMPLOYEES	101	1.4	9.0	1.0	2.0	5.3	27.9	47.6	74.5	2.9	7.7
20 TO 49 EMPLOYEES	140	4.4	30.5	3.0	5.9	16.3	101.7	141.3	241.7	10.1	24.0
50 TO 99 EMPLOYEES	80	5.6	38.7	3.8	7.8	22.7	88.3	174.5	261.1	12.5	36.7
100 TO 249 EMPLOYEES	62	9.7	74.6	6.2	13.2	42.1	254.9	321.3	571.5	44.4	70.7
250 TO 499 EMPLOYEES	27	9.4	78.0	6.4	13.6	47.5	257.5	281.7	535.8	63.5	65.7
500 TO 999 EMPLOYEES	16	11.1	91.4	7.3	15.0	54.6	259.4	310.2	566.3	67.2	68.9
1,000 TO 2,499 EMPLOYEES	11	16.3	132.9	11.1	22.3	81.3	379.2	322.1	702.3	41.9	60.9
2,500 EMPLOYEES OR MORE	4	12.1	108.5	7.6	14.9	60.1	249.0	226.2	478.3	26.9	56.9
ESTABS. COVERED BY ADMIN. RECORDS[e 1]	106	.2	1.2	.2	.2	.7	4.9	5.8	10.7	.5	1.4
2822-- SYNTHETIC RUBBER											
ESTABLISHMENTS, TOTAL	48	12.6	110.4	8.5	16.8	66.5	404.9	521.2	926.9	75.2	97.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	12	(Z)	.2	(Z)	(Z)	.2	.5	.5	1.1	[2]20.0	.2
5 TO 9 EMPLOYEES[e]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	6	.1	.7	(Z)	.1	.3	2.2	2.6	4.6	(D)	.6
20 TO 49 EMPLOYEES	3	.2	1.3	.2	.2	.9	4.3	7.2	12.4	.1	1.0
50 TO 99 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	6	.9	7.9	.6	1.3	4.8	41.6	34.5	73.4	3.0	8.5
250 TO 499 EMPLOYEES	8	3.0	25.0	1.7	3.5	13.2	97.9	129.9	227.8	7.3	28.6
500 TO 999 EMPLOYEES	8	8.5	75.2	6.0	11.7	47.1	258.5	346.3	607.6	44.8	58.1
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2823-- CELLULOSIC MANMADE FIBERS											
ESTABLISHMENTS, TOTAL	23	31.9	198.2	25.3	50.0	141.1	506.8	383.3	902.8	51.6	108.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	1	.3	2.0	.2	.7	1.7	2.9	2.1	4.9	.3	1.1
10 TO 19 EMPLOYEES[e]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	5	3.6	22.6	2.8	5.9	15.8	49.4	38.2	94.0	3.4	14.0
1,000 TO 2,499 EMPLOYEES	8	14.1	83.1	11.8	23.5	64.7	199.0	174.0	378.3	10.0	51.4
2,500 EMPLOYEES OR MORE	4	13.8	90.5	10.4	20.0	59.0	255.4	169.1	425.7	38.1	42.4
ESTABS. COVERED BY ADMIN. RECORDS [1]	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
2824-- ORGANIC FIBERS, NONCELLULOSIC											
ESTABLISHMENTS, TOTAL	40	57.2	415.9	40.7	80.9	257.9	1 251.8	767.7	2 033.2	309.7	267.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	2	(Z)	.2	(Z)	(Z)	.1	(Z)	.3	.5	[2]46.6	(Z)
5 TO 9 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	1	.2	2.2	.1	.3	.7	5.3	4.3	5.2	38.7	4.6
50 TO 99 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	4	1.5	8.9	1.2	2.4	5.4	10.8	20.5	36.4	10.8	7.4
250 TO 499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	6	3.9	25.7	2.8	5.9	15.5	61.6	79.4	133.6	33.5	28.0
1,000 TO 2,499 EMPLOYEES	9	14.6	97.5	10.1	21.3	58.2	362.9	209.6	575.5	76.1	71.6
2,500 EMPLOYEES OR MORE	10	36.8	281.5	26.5	51.1	177.9	810.9	453.6	1 282.0	104.1	155.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2821	Plastics materials and Resins.....1967..	3,473.9	2,827.1	577.0	69.9	83	4,703.1	2,827.1	1,876.0	60
	1963..	2,571.5	2,114.9	389.8	66.8	84	3,301.4	2,114.9	1,186.4	64
2822	Synthetic rubber.....1967..	926.9	814.4	97.4	15.2	89	1,004.9	814.4	190.5	81
	1963..	763.9	688.9	57.5	17.5	92	862.3	688.9	173.4	80
2823	Cellulosic manmade fibers.....1967..	902.8	(D)	(D)	3.3	(NA)	681.1	(D)	(D)	(NA)
	1963..	731.8	(D)	(D)	3.3	(NA)	648.9	(D)	(D)	(NA)
2824	Organic fibers, noncellulosic.....1967..	2,033.2	1,863.9	159.9	9.4	92	1,974.1	1,863.9	110.2	94
	1963..	1,403.2	1,322.4	70.2	10.5	95	1,368.3	1,322.4	45.9	97

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry, and miscellaneous receipts	All industries	Plastics materials and synthetics (SIC 2821)	Synthetic rubber (SIC 2822)	Miscellaneous plastics products (SIC 3079)	Other industries
	Total shipments and miscellaneous receipts	(X)	3,473.9	926.9	(X)	(X)
2821-	Plastics materials and resins	4,703.1	[1]2,827.1	(5-10)	(500-1000)	1,037.8
28211 30791	Unsupported plastics film, sheets, rods, tubes	1,225.4	[1]190.1	-	792.4	[2]243.0
28212	Regenerated cellulosic products, except rayon	326.9	234.0	-	(10-20)	(50-100)
28213	Thermoplastic resins (excluding resins for protective coatings)	1,924.8	1,391.0	(5-10)	(under 2)	(500-1000)
28214	Thermosetting resins (excluding resins for protective coatings)	544.8	450.8	(Z)	(under 2)	(50-100)
28215	Synthetic resin adhesives, from resins manufactured in same establishment	51.6	51.2	-	(under 2)	(under 2)
28216	Synthetic resins for protective coatings	286.6	223.4	-	2.2	60.9
28217	Custom compounded purchased resins	236.0	191.3	(under 2)	(10-20)	26.6
28219	Plastics and resin materials, n.e.c	67.5	56.9	(Z)	2.5	8.1
28210	Plastics and resin materials, n.s.k	39.4	38.3	-	(under 2)	(under 2)
2822-	Synthetic rubber	1,004.9	(20-50)	814.4	-	(100-250)
	Other product shipments by 4-digit product group	(X)	[1]577.0	97.4	(X)	(X)
2298-	Cordage and twine	(X)	(over 2)	-	(X)	(X)
2621-	Papermill products, except building paper	(X)	(2-5)	-	(X)	(X)
2649-	Converted paper products, n.e.c	(X)	(over 2)	-	(X)	(X)
2813-	Industrial gases	(X)	(over 2)	-	(X)	(X)
2815-	Cyclic intermediates and crudes	(X)	44.9	(10-20)	(X)	(X)
2818-	Industrial organic cehmicals, n.e.c	(X)	169.6	(50-100)	(X)	(X)
2819-	Industrial inorganic chemicals, n.e.c	(X)	12.8	(over 2)	(X)	(X)
2824-	Organic fibers, noncellulosic	(X)	(2-5)	-	(X)	(X)
2833-	Medicinals and botanicals	(X)	4.0	(over 2)	(X)	(X)
2841-	Soap and other detergents	(X)	(20-50)	-	(X)	(X)
2843-	Surface active agents	(X)	18.1	-	(X)	(X)
2851-	Paints and allied products	(X)	13.4	-	(X)	(X)
2879-	Agricultural chemicals, n.e.c	(X)	(20-50)	-	(X)	(X)
2891-	Adhesives and gelatin	(X)	4.5	-	(X)	(X)
2899-	Chemical preparations, n.e.c	(X)	25.7	-	(X)	(X)
2911-	Petroleum refining products	(X)	(2-5)	(over 2)	(X)	(X)
3011-	Tires and inner tubes	(X)	(over 2)	-	(X)	(X)
3069-	Fabricated rubber products, n.e.c	(X)	7.0	-	(X)	(X)
3079-	Miscellaneous plastics products	(X)	[2]127.2	-	(X)	(X)
3471-	Plating and polishing	(X)	(over 2)	-	(X)	(X)
3851-	Ophthalmic goods	(X)	(over 2)	-	(X)	(X)
	Other products	(X)	9.7	(under 2)	(X)	(X)
	Miscellaneous receipts	(X)	69.9	15.2	(X)	(X)
	Resales	(X)	49.6	13.1	(X)	(X)
	Contract work	(X)	16.1	2.0	(X)	(X)
	Other	(X)	4.1		(X)	(X)
	Listing of the other industries with over $2 million shipments of the primary products					
2821-	2641- Paper coating and glazing	(X)	(X)	(X)	(X)	(2-5)
2821-	2812- Alkalies and chlorine	(X)	(X)	(X)	(X)	(20-50)
2821-	2815- Cyclic intermediates and crudes	(X)	(X)	(X)	(X)	52.7
2821-	2816- Inorganic pigments	(X)	(X)	(X)	(X)	(5-10)
2821-	2819- Industrial inorganic chemicals, n.e.c	(X)	(X)	(X)	(X)	15.8
2821-	2823- Cellulosic manmade fibers	(X)	(X)	(X)	(X)	(50-100)
2821-	2824- Organic fibers, noncellulosic	(X)	(X)	(X)	(X)	20.8
2821-	2843- Surface active agents	(X)	(X)	(X)	(X)	8.1
2821-	2851- Paints and allied products	(X)	(X)	(X)	(X)	35.5
2821-	2861- Gum and wood chemicals	(X)	(X)	(X)	(X)	8.8
2821-	2891- Adhesives and gelatin	(X)	(X)	(X)	(X)	18.7
2821-	2899- Chemical preparations, n.e.c	(X)	(X)	(X)	(X)	15.2
2821-	2911- Petroleum refining	(X)	(X)	(X)	(X)	53.7
2821-	3011- Tires and inner tubes	(X)	(X)	(X)	(X)	(over 2)
2821-	3069- Fabricated rubber products, n.e.c	(X)	(X)	(X)	(X)	15.2
2821-	3079- Miscellaneous plastics products	(X)	(X)	(X)	(X)	40.5
2821-	3949- Sporting and athletic goods, n.e.c	(X)	(X)	(X)	(X)	(2-5)
2822-	2815- Cyclic intermediates and crudes	(X)	(X)	(X)	(X)	(2-5)
2822-	2818- Industrial organic chemicals, n.e.c	(X)	(X)	(X)	(X)	(50-100)
2822-	2819- Industrial inorganic chemicals, n.e.c	(X)	(X)	(X)	(X)	(over 2)
2822-	2833- Medicinals and botanicals	(X)	(X)	(X)	(X)	(over 2)
2822-	2911- Petroleum refining	(X)	(X)	(X)	(X)	(over 2)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product code	Class of products, industry, and miscellaneous receipts	All industries	Cellulosic manmade fibers (SIC 2823)	Organic fibers noncellulosic (SIC 2824)	Other industries
	Total shipments and misc. receipts	(X)	902.8	2,033.2	(X)
2823-	Cellulosic manmade fibers	681.1	(500-1000)	(50-100)	(under 2)
28231	Acetate yarn	339.7	(250-500)	(20-50)	-
28232	Rayon yarn, viscose and cuprammonium processes	340.5	(250-500)	(20-50)	(under 2)
28230	Cellulosic manmade fibers, n.s.k.	0.9	(under 2)	-	(under 2)
2824-	Organic fibers, noncellulosic	1,974.1	(50-100)	1,863.9	(10-20)
28241	Polyamide fibers, nylon, except monofilaments	1,068.4	(10-20)	(1000-2500)	(over 2)
28242	Other noncellulosic synthetic organic fibers	905.3	(50-100)	(500-1000)	(5-10)
28240	Organic fibers, noncellulosic, n.s.k.	0.4	(under 2)	-	(under 2)
	Other product shipments by 4-digit product group	(X)	(250-500)	159.9	(X)
2295-	Coated fabrics, not rubberized	(X)	-	(over 2)	(X)
2296-	Tire cord and fabric	(X)	(20-50)	-	(X)
2818-	Industrial organic chemicals, n.e.c.	(X)	(50-100)	(20-50)	(X)
2819-	Industrial inorganic chemicals, n.e.c.	(X)	8.1	(10-20)	(X)
2821-	Plastics materials and resins	(X)	(50-100)	20.8	(X)
2843-	Surface active agents	(X)	(over 2)	-	(X)
3079-	Miscellaneous plastics products	(X)	-	(10-20)	(X)
	Miscellaneous receipts	(X)	3.3	9.4	(X)
	Resales	(X)	3.1	5.9	(X)
	Other	(X)	0.2	3.5	(X)
	Listing of the other industries with over $2 million shipments of the primary products				
2824-	2282- Throwing and winding mills	(X)	(X)	(X)	(over 2)
2824-	2821- Plastics materials and resins	(X)	(X)	(X)	(2-5)

Note: Data shown parenthetically above are expressed in millions of dollars.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than 0.1 when rounded.

[1]Product class code 28211 includes film, sheets, sheeting, rods, tubes, and other stock shapes made from purchased resins valued at $85.1 million, which are not considered primary to this industry and, therefore, are excluded from the total for "Primary products" and included in the total for "Other products."

[2]Includes value of $85.1 million for film, sheets, sheeting, rods, tubes, and other stock shapes made form purchased resins, not considered primary to industry 2821 but manufactured by plants classified in that industry.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total value of shipments including interplant, transfers (million dollars) 1967	1963
2821- -- 30791 --	PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZED ELASTOMERS, TOTAL	4,703.1	3,301.4
	Unsupported plastics film, sheets, sheeting, rods, tubes, and other stock shapes:		
	As reported in the census of manufactures	1,225.4	688.1
28211 --	Made from resins produced in same establishment	215.7	166.7
30791 --	Made from purchased resins	1,009.8	521.4
	As reported in Current Industrial Report MA30D[1]	1,030.0	672.0
28211 --	Made from resins produced in same establishment	178.4	166.7
30791 --	Made from purchased resins	851.6	505.8
	Unsupported film, sheets, and sheeting, total[1]	889.5	580.6
	Cellulosic, total	69.6	56.8
30791 10 30791 11 28211 11	Less than 3.0 mils and not specified by gauge	16.1	34.3
30791 13	3.0 mils to 9.9 mils	28.4	11.1
30791 15 28211 15	10.0 mils and over	25.0	11.3
	Polyethylene, total	258.1	167.7
30791 21 28211 21	Less than 3.0 mils	188.1	126.2
30791 23 28211 23	3.0 mils to 9.9 mils	55.4	30.8
30791 25 28211 25	10.0 mils and over	5.3	4.3
30791 20	Not specified by gauge	9.4	6.4
	Polypropylene, total	28.5	15.8
30791 31 28211 31	Less than 3.0 mils	22.9	14.7
30791 33-35	3.0 mils and over	5.6	1.2
	Polystyrene, total	32.3	18.5
30791 41 28211 41	Less than 3.0 mils	11.5	7.1
30791 43	3.0 mils to 9.9 mils		
30791 45 28211 45	10.0 mils and over	20.7	11.4
30791 51 30791 55	Styrene copolymer, all gauges	2.1	2.7
	Vinyl and vinyl copolymer, total	280.1	183.6
30791 61 28211 61	Less than 3.0 mils and not specified by gauge	[2]81.3	39.1
30791 63	3.0 mils to 9.9 mils	72.2	44.8
28211 63		13.5	9.6
30791 65	10.0 mils and over	113.1	67.3
28211 65			7.0
30791 60 28211 60	Not specified by gauge	([2])	15.7
	Other unsupported plastic film, sheets, and sheeting, all gauges, total	218.7	135.6
30791 71 28211 71	Less than 3.0 mils	96.1	(NA)
30791 73 28211 73	3.0 mils to 9.9 mils	24.8	(NA)
30791 75 28211 75	10 mils and over	97.9	(NA)
	Unsupported plastics rods, tubes, and other stock shapes (excluding foam), total[1]	138.7	76.6
30791 81	Acrylate and methacrylate	6.7	3.5
30791 83 28211 83	Cellulosics	18.1	9.8
30791 85	Polyamide (nylon)	8.0	4.9
30791 87	Polyethylene	6.1	7.1
30791 89	Polypropylene	17.5	3.2
30791 91	Polystrene	6.5	6.3
30791 93	Styrene copolymer	1.3	1.4
30791 95 28211 95	Vinyl and vinyl copolymer	35.7	19.2
30791 97	Other unsupported plastics rods, tubes, and other stock shapes	38.8	21.2
30791 00 28211 00	Unsupported plastics film, sheets, sheeting, rods, tubes, and other stock shapes, n.s.k.[1]	1.9	14.7

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Product code	Product	1967			1963		
		Production for all purposes (million lbs.)	Total shipments, including interplant transfers: Quantity (million lbs.)	Total shipments, including interplant transfers: Value (million dollars)	Production for all purposes (million lbs.)	Total shipments, including interplant transfers: Quantity (million lbs.)	Total shipments, including interplant transfers: Value (million dollars)
2821- -- 30791 --	PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZED ELASTOMERS--Continued						
28212	Regenerated cellulosic products, except rayon	(X)	(X)	326.9	(X)	(X)	327.6
	Sheets and rolls (cellophane):						
28212 13	Uncoated and nitrocellulose coated	392.9	382.8	224.7	427.1	422.5	249.8
28212 15	Polymer coated						
28212 51	Sponges				11.9	12.0	14.2
28212 31	Caps and bands	(S)	(S)	102.2	(S)	(S)	63.6
28212 98	Other regenerated cellulosic products						
28212 00	Regenerated cellulosic products, except rayon, n.s.k.						
28213 --	Thermoplastic resins, excluding resins for protective coatings	(X)	(X)	1,924.8	(X)	(X)	1,311.5
	Polyethylene resins:[3]						
28213 21	Low and medium density (0.940 and under)	2,412.1	2,409.0	352.2	1,783.5	1,785.9	325.3
28213 31	High density (over 0.940)	1,426.3	1,271.0	204.9	505.6	483.6	112.1
28213 51	Polypropylene resins[3]	599.4	608.5	117.7	202.0	181.3	48.2
28213 55	Other olefin polymers and copolymers[3]	114.2	101.7	24.1	-	-	-
	Styrene resins:[3]						
28213 61	Polystyrene, including rubber modified	1,586.7	1,411.0	234.9	1,094.9	975.0	188.5
28213 63	Styrene-acrylonitrile	52.4	50.6	12.1	39.8	32.2	6.5
28213 65	Acrylonitrile-butadiene-styrene	341.0	329.4	107.4	(4)	(4)	(4)
28213 67	Other styrene copolymers, containing 50 percent or more styrene	106.0	105.3	26.5	83.0	83.7	22.5
28213 69	All other styrene and styrene derivative polymers and copolymers, including styrene-divinyl benzene	131.7	119.1	36.7	[4]216.3	[4]197.3	[4]78.1
	Vinyl resins:[3]						
28213 71	Polyvinyl chloride and copolymers, containing 50 percent or more polyvinyl chloride	2,587.7	2,334.5	357.4	1,103.1	1,063.6	202.3
28213 73	Polyvinyl acetate	336.5	322.1	70.2	179.5	170.1	37.9
28213 75	All other vinyl and vinyl copolymer resins	246.2	194.3	68.1	137.6	128.7	69.4
28213 81	Acrylic resins[3]	197.6	198.0	75.4	(5)	(5)	(5)
28213 83	Fluorocarbon[3]	6.6	6.2	20.6	(5)	(5)	(5)
28213 85	Polyamide (nylon) resins[3]	99.5	90.5	68.8	58.8	50.6	45.3
28213 89	Other thermoplastic resins and materials such as cellulosics acetal, polycarbonate, polyterpene etc.[3]	355.1	328.0	146.3	[5]244.9	[5]244.4	[5]174.4
28213 00	Thermoplastic resins and plastics materials, excluding resins and plastics for protective coatings, n.s.k.	(S)	(S)	1.6	(S)	(S)	1.1
28214 --	Thermosetting resins, excluding resins for protective coatings, total	(X)	(X)	544.8	(X)	(X)	420.0
28214 11	Melamine-formaldehyde resins[3]	126.6	128.3	50.4	128.0	118.2	48.2
28214 21	Phenolic and other tar-acid resins[3]	679.7	622.1	131.2	593.9	579.8	148.2
28214 31	Polyester resins[3]	376.1	359.9	111.6	263.3	244.0	77.5
28214 41	Urea-formaldehyde resins[3]	473.5	455.2	75.6	312.0	296.4	54.0
28214 73	Coumarone indene and petroleum polymer resins[3]	308.1	314.6	27.8	(6)	(6)	(6)
28214 75	Epoxy resins[3]	79.6	72.9	40.1	280.7	262.6	24.4
28214 77	Polyurethane and diisocyanate resins[3]	92.6	89.8	30.7	33.0	32.6	17.7
28214 79	Silicone resins[3]	(7)	(7)	(7)	9.3	8.8	22.7
28214 98	Other thermosetting resins and plastics materials, including alkyd (not for protective coatings), furan, acetone formaldehyde, etc.[3]	[7]249.4	[7]204.7	[7]70.5	(S)	(S)	[6]27.4
28214 00	Thermosetting resins and plastics materials, excluding resins and plastics for protective coatings, n.s.k.	(S)	(S)	6.9			
28215 --	Synthetic resin adhesives, from resins manufactured in same establishment	(X)	(X)	51.6	(X)	(X)	28.3
28215 11	Epoxy	28.7	24.8	14.9	11.2	7.7	5.1
28215 21	Phenolic	(8)	(8)	(8)	51.8	53.2	6.8
28215 31	Urea and melamine	125.0	123.9	12.9	72.4	73.1	7.2
28215 98	All other, including combinations	[8]205.5	[8]203.7	[8]23.2	30.4	29.6	9.1
28215 00	Synthetic resin adhesives, from resins produced in this establishment, n.s.k.	(S)	(S)	0.6	(S)	(S)	0.2
28216 --	Synthetic resins for protective coatings	1,228.0	1,176.8	286.6	1,098.1	1,002.1	272.2
28216 11	For use in latex base emulsion paints including acrylic, styrene-butadiene, vinyl, etc.	505.0	480.2	125.2	530.7	471.2	122.7
28216 21	For use in other types of paint	725.5	697.9	159.1	567.4	530.9	149.6
28216 00	Synthetic resins for protective coatings, n.s.k.	7.3	7.0	2.3	-	-	-

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Product code	Product	1967			1963		
		Production for all purposes (million lbs.)	Total shipments, including interplant transfers: Quantity (million lbs.)	Total shipments, including interplant transfers: Value (million dollars)	Production for all purposes (million lbs.)	Total shipments, including interplant transfers: Quantity (million lbs.)	Total shipments, including interplant transfers: Value (million dollars)
2821- -- / 30791 --	PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZED ELASTOMERS--Continued						
28217 11	Custom compounding of purchased resins	(X)	(X)	236.0	(X)	(X)	184.6
28219 --	Plastics and resin materials, n.e.c.	(X)	(X)	67.5	(X)	(X)	60.4
	Monofilaments, not suitable for further manufacturing on textile processing equipment:						
28219 11	Polyamide (nylon)	(9)	(9)	(9)	7.1	6.9	16.7
28219 13	Polyethylene	27.6	29.5	6.1	1.1	1.1	0.5
28219 15	Polypropylene	1.7	1.7	2.7	2.5	2.5	1.8
28219 19	Other	9 20.7	9 21.2	9 23.6	(S)	(S)	5.7
28219 31	Cellulose and other plastic film from scrap	(10)	(10)	(10)	(X)	(X)	5.1
	Vulcanized fiber:						
28219 41	Sheets	36.1	36.4	20.5	26.6	25.9	12.1
28219 43	Rods, tubes, and hollowware, semimanufactured				3.5	3.7	6.2
28219 98	Other plastics and resin materials, n.e.c., excluding photographic film, rayon, acetate, or nitro-explosives	(S)	(S)	10 11.4	(S)	(S)	6.3
28219 00	Plastics and resin materials, n.e.c., n.s.k.	(X)	(X)	3.0	(X)	(X)	6.0
28210 00	Plastics materials, synthetic resins and nonvulcanized elastomers, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	28.7	(X)	(X)	8.7
28210 02	Plastics materials, synthetic resins and nonvulcanized elastomers, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	(X)	10.7			
28220 00	SYNTHETIC RUBBER[11]	12 4,376.4	12 4,365.2	1,004.9	(NA)	(NA)	862.3
2823- --	CELLULOSIC MANMADE FIBERS, TOTAL	(X)	(X)	681.1	(X)	(X)	648.9
28231 --	Acetate yarn, total	487.2	491.9	339.7	13 314.4	13 316.2	250.3
	Packaged yarn:						
28231 11	45 denier (47 denier and finer)	148.1	147.3	118.4	2.3	2.3	1.9
28231 13	55 denier (48 to 62 denier)				72.9	73.3	57.5
28231 15	75 denier (63 to 87 denier)	76.2	77.2	63.4	71.6	71.7	58.6
28231 17	100 denier (88 to 112 denier)	28.3	28.8	21.0	29.5	29.2	22.6
28231 21	120 denier (113 to 137 denier)	1.2	1.3	0.9	3.7	3.5	2.1
28231 23	150 denier (138 to 162 denier)	99.0	100.0	61.8	92.0	93.5	55.0
28231 25	200 denier (163 to 237 denier)	41.0	41.2	29.2	10.0	10.0	6.5
28231 27	300 and more (238 and more)						
28231 41	Staple	93.4	96.2	44.9	13 32.4	13 32.7	14 46.1
28231 59	Tow, except cigarette filters						
28231 98	Other acetate products, n.e.c., including salable waste						
28231 00	Acetate yarn, n.s.k.						
28232 --	Rayon yarn, viscose and cuprammonium processes, total	(NA)	(NA)	340.5	1,003.2	1,013.2	398.6
	Packaged yarn (including rayon horsehair, straw, etc.):						
28232 11	45 denier (47 denier and finer)	9.5	9.5	9.3	9.4	9.6	9.7
28232 13	55 denier (48 to 62 denier)						
28232 15	75 denier (63 to 87 denier)						
28232 17	100 denier (88 to 112 denier)	17.2	16.5	14.8	20.9	21.4	17.6
28232 21	125 denier (113 to 137 denier)	3.0	2.8	2.3			
28232 23	150 denier (138 to 162 denier)	62.4	64.7	48.0	66.3	66.7	47.6
28232 25	200 denier (163 to 237 denier)	0.6	0.7	0.6	0.4	0.4	0.4
28232 27	250 and 300 denier (238 to 374 denier)	27.5	27.5	20.1	29.3	29.5	21.4
28232 31	450 denier (375 to 524 denier)	10.9	11.1	7.2	14.7	15.3	10.9
28232 33	600 denier (525 to 749 denier)	5.4	6.0	3.9	6.5	6.6	4.6
28232 35	900 denier (750 to 999 denier)	4.5	4.0	2.8	5.6	5.3	3.9
28232 37	1,100 denier (1,000 to 1,374 denier)	16.9	13.3	7.7	32.0	34.0	18.3
28232 39	1,650 denier (1,375 and more)	154.0	119.3	55.9	200.9	204.1	95.8

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Product code	Product	1967			1963		
		Production for all purposes (million lbs.)	Total shipments, including interplant transfers		Production for all purposes (million lbs.)	Total shipments, including interplant transfers	
			Quantity (million lbs.)	Value (million dollars)		Quantity (million lbs.)	Value (million dollars)
2823- --	CELLULOSIC MANMADE FIBERS--Continued						
28232 --	Rayon yarn, viscose and cuprammonium processes--Continued						
28232 41	Staple	593.4	618.7	158.6	563.2	563.3	158.1
28232 51	Tow	9.0	10.9	3.3	14.6	14.3	5.7
28232 61	Waste, including staple waste	(NA)	(NA)	6.1	39.4	42.5	4.7
28232 98	Other rayon products, n.e.c						
28232 00	Rayon yarn, viscose and cuprammonium processes, n.s.k						
28230 00	Cellulosic manmade fibers, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	0.9	-	-	-
28230 02	Cellulosic manmade fibers, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	(X)	(Z)	-	-	-
2824- --	ORGANIC FIBERS, NONCELLULOSIC, TOTAL	(X)	(X)	1,974.1	(X)	(X)	1,368.3
28241 --	Polyamide fibers, nylon, except monofilaments	1,157.8	1,163.1	1,068.4	739.1	707.5	896.1
28241 15	Filament yarn and textile monofilaments	958.2	975.1	984.7	739.1	707.5	896.1
28241 31-45	Staple, tow and salable waste	199.6	188.0	83.7			
28242 --	Other noncellulosic synthetic organic fibers	1,246.4	1,223.6	905.3	474.2	454.3	472.2
28242 45	Acrylic and modacrylic yarns, staple and tow	399.8	389.5	287.2	211.7	213.1	181.6
28242 63	Polypropylene filament yarn and textile monofilaments	54.8	55.6	42.6	26.4	19.9	14.7
28242 65	Polypropylene staple and tow	47.1	41.9	29.3			
28242 51-55	Polyester filament yarn, staple, tow and fiberfill	712.8	695.5	494.6			
28242 61	Polyethylene fibers						
28242 73	Saran fibers						
28242 75	Spandex (extruded textile fiber)	31.9	41.1	51.6	231.4	220.6	275.9
28242 78	Vinyon fibers						
28242 81-85	Other manmade fibers, filament yarn and textile monofilaments, staple and tow						
28242 86-88	Salable waste of noncellulosic fibers except nylon						
28240 00	Organic fibers, noncellulosic, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	0.4	(X)	(X)	-
28240 02	Organic fibers, noncellulosic, n.s.k.(For companies with less than 10 employees. See Note.)	(X)	(X)	-	(X)	(X)	-

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 19 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely indentified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases in the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency review. (Z) Less than $50 thousand.

[1]Data reported in Current Industrial Reports Series MA30D, Shipments of Selected Plastics Products. The 1963 data reflect changes published since the publication of the 1963 Census of Manufactures Volume II.

[2]Codes 3079160 - 2821160 included in 3079161 - 2821161.

[3]Quantities of resin produced and shipped were requested on a " resin content" basis for vinyl resins, and on a "dry" basis for all other resins.

[4]Code 2821365 included in code 2821369 in 1963.

[5]Codes 2821381 and 2821383 included in code 2821389 in 1963.

[6]Code 2821473 included in code 2821498 in 1963.

[7]Code 2821479 included in code 2821498 in 1967.

[8]Code 2821521 included in code 2821598 in 1967.

[9]Code 2821911 included in code 2821919 in 1967.

[10]Code 2821931 included in code 2821998 in 1967.

[11]For quantity of production of individual synthetic rubbers, refer to Current Industrial Reports Series M30A, Rubber: Supply and Distribution for the United States, Summary for 1967.

[12]Data for 1967 include the oil content of oil-extended elastomers. Data also include figures for polyurethane elastomers, which are not covered in Current Industrial Reports Series M30A.

[13]Weight does not include acetate and triacetate staple, tow, and salable waste.

[14]Includes value of acetate and triacetate staple, tow, and salable waste.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
UNSUPPORTED PLASTICS FILM, RODS, TUBES, ETC., (30791 and 28211)		
United States	1,225.4	688.1
Northeast Region	498.8	325.0
New England Div	145.7	74.3
Maine	EE	(D)
Massachusetts	94.9	41.6
Rhode Island	EE	(1)
Connecticut	27.6	21.3
Middle Atlantic Div	353.1	250.7
New York	92.4	80.1
New Jersey	179.7	114.7
Pennsylvania	81.1	55.9
North Central Region	351.1	187.0
East North Central Div	310.9	176.1
Ohio	126.7	67.9
Indiana	33.6	22.6
Illinois	76.2	39.5
Michigan	58.9	36.3
Wisconsin	15.4	9.8
West North Central Div	40.3	10.9
Minnesota	22.1	6.4
Iowa	4.6	(D)
Missouri	11.9	3.3
Kansas	AA	(D)
South Region	300.6	146.7
South Atlantic Div	GG	73.5
Delaware	9.2	8.7
Maryland	AA	(D)
Virginia	40.3	21.0
West Virginia	FF	(D)
North Carolina	6.4	4.0
South Carolina	GG	30.8
Georgia	FF	(1)
Florida	5.1	1.5
East South Central Div	GG	52.2
Kentucky	CC	(1)
Tennessee	FF	(1)
Alabama	34.7	(1)
Mississippi	CC	(1)
West South Central Div	35.2	21.0
Oklahoma	BB	(D)
Texas	FF	(1)
West Region	75.0	29.5
Pacific Div	74.5	(D)
Washington	AA	1.5
Oregon	AA	(D)
California	70.6	27.4
THERMOPLASTIC RESINS (EXCLUDING RESINS FOR PROTECTIVE COATINGS (28213)		
United States	1,924.8	1,311.5
Northeast Region	443.7	339.9
New England Div	162.8	130.9
New Hampshire	BB	(1)
Massachusetts	131.5	109.4
Rhode Island	BB	(D)
Connecticut	26.0	(1)

Product class and geographic area	Value of shipments	
	1967	1963
THERMOPLASTIC RESINS (EXCLUDING RESINS FOR PROTECTIVE COATINGS) (28213)--Con.		
Northeast Region--Con.		
Middle Atlantic Division	280.8	209.0
New York	35.7	35.0
New Jersey	118.1	77.1
Pennsylvania	127.0	96.9
North Central Region	357.1	231.3
East North Central Div	GG	(D)
Ohio	135.7	81.4
Indiana	FF	(1)
Illinois	80.0	40.9
Michigan	GG	(1)
South Region	1,072.3	699.7
South Atlantic Div	236.9	190.7
Delaware	31.8	(1)
Maryland	AA	(D)
Virginia	CC	(1)
West Virginia	176.3	169.1
North Carolina	EE	3.9
South Carolina	AA	(D)
Florida	CC	(1)
East South Central Div	133.3	77.0
Kentucky	GG	(1)
Tennessee	FF	(1)
Alabama	BB	(1)
Mississippi	EE	(1)
West South Central Div	702.1	432.0
Louisiana	112.7	60.2
Texas	589.4	371.8
West Region	51.8	40.6
Pacific Div	51.8	40.6
California	GG	(1)
THERMOSETTING RESINS (EXCLUDING RESINS FOR PROTECTIVE COATINGS) (28214)		
United States	544.8	420.0
Northeast Region	210.4	214.0
New England Div	71.3	69.3
Massachusetts	FF	24.5
Rhode Island	6.5	3.0
Connecticut	FF	41.8
Middle Atlantic Div	139.2	144.6
New York	52.0	48.5
New Jersey	62.2	67.5
Pennsylvania	25.0	28.7
North Central Region	142.9	96.4
East North Central Div	138.0	94.9
Ohio	69.2	52.8
Illinois	22.2	17.7
Michigan	FF	(1)
Wisconsin	24.5	(1)
West North Central Div	4.9	1.5
Minnesota	BB	(D)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
THERMOSETTING RESINS (EXCLUDING RESINS FOR PROTECTIVE COATINGS) (28214)--Con.		
South Region	130.6	68.1
South Atlantic Div	74.3	53.4
Delaware	CC	7.5
Maryland	BB	(1)
West Virginia	FF	31.4
North Carolina	13.0	8.6
South Carolina	8.8	(1)
Georgia	4.6	(D)
Florida	AA	(D)
East South Central Div	15.0	5.1
Tennessee	BB	(D)
Alabama	4.6	2.7
Mississippi	CC	(1)
West South Central Div	41.3	9.6
Louisiana	CC	(D)
Texas	FF	(1)
West Region	60.9	41.5
Pacific Div	60.9	41.5
Washington	5.3	7.1
Oregon	22.8	13.1
California	32.9	21.2
SYNTHETIC RESIN ADHESIVES, FROM RESINS MANUFACTURED IN SAME ESTABLISHMENTS (28215)		
United States	51.6	28.3
Northeast Region	28.1	7.6
New England Div	18.5	(D)
Massachusetts	EE	(1)
Connecticut	CC	(D)
Middle Atlantic Div	9.7	(D)
New York	CC	(1)
North Central Region	7.0	(D)
East North Central Div	6.2	11.7
Ohio	BB	(1)
Illinois	BB	3.5
Michigan	AA	(D)
South Region	5.8	4.5
South Atlantic Div	BB	(D)
North Carolina	BB	(1)
East South Central Div	AA	(D)
Alabama	AA	(D)
West South Central Div	AA	(D)
West Region	10.6	(D)
Pacific Div	10.6	4.5
Washington	BB	(D)
Oregon	BB	(D)
California	BB	(1)
SYNTHETIC RESINS FOR PROTECTIVE COATINGS (28216)		
United States	286.6	272.2
Northeast Region	116.1	106.2
New England Div	9.8	10.9
Massachusetts	CC	(1)
Connecticut	BB	(1)

Product class and geographic area	Value of shipments	
	1967	1963
SYNTHETIC RESINS FOR PROTECTIVE COATINGS (28216)--Con.		
Northeast Region--Con.		
Middle Atlantic Div	106.3	95.3
New York	4.0	3.4
New Jersey	43.3	41.5
Pennsylvania	59.1	50.3
North Central Region	90.0	66.4
East North Central Div	82.9	62.0
Ohio	18.3	12.9
Illinois	28.0	18.9
Michigan	29.5	25.5
Wisconsin	6.9	4.7
West North Central Div	7.1	4.4
Missouri	CC	(1)
South Region	57.9	79.6
South Atlantic Div	26.2	19.1
Delaware	BB	(D)
Maryland	BB	(1)
Georgia	EE	(1)
Florida	CC	(1)
East South Central Div	23.7	15.5
Kentucky	EE	(D)
Tennessee	CC	(1)
Alabama	AA	(1)
Mississippi	BB	(1)
West South Central Div	8.1	45.0
Texas	8.1	45.0
West Region	22.6	20.1
Pacific Div	FF	(D)
Oregon	AA	(D)
California	20.9	(1)
CUSTOM COMPOUNDED PURCHASED RESINS (28217)		
United States	236.0	184.6
Northeast Region	137.6	115.3
New England Div	41.5	32.7
Massachusetts	25.9	(D)
Rhode Island	EE	(1)
Connecticut	1.6	(1)
Middle Atlantic Div	96.1	82.5
New York	23.9	17.6
New Jersey	61.4	58.3
Pennsylvania	10.8	6.7
North Central Region	49.1	43.4
East North Central Div	37.4	27.2
Ohio	7.7	6.3
Illinois	14.4	12.1
Michigan	13.4	7.2
Wisconsin	1.9	1.1
West North Central Div	11.7	16.2
Minnesota	EE	(1)
South Region	21.9	13.8
South Atlantic Div	8.9	8.2
Delaware	AA	(D)
Maryland	BB	(1)
North Carolina	4.2	1.1
East South Central Div	8.7	4.2
Kentucky	AA	(1)
Tennessee	CC	(1)
West South Central Div	4.3	1.4
Texas	4.3	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
CUSTOM COMPOUNDED PURCHASED RESINS (28217)--Con.		
West Region	27.5	12.2
Pacific Div.	FF	(D)
California	FF	(1)
PLASTICS AND RESIN MATERIALS, N.E.C. (28219)		
United States	67.5	60.4
Northeast Region	FF	23.4
New England Div.	CC	(D)
Vermont	CC	(1)
Massachusetts	BB	(D)
Middle Atlantic Div.	17.3	(D)
New York	2.6	9.0
New Jersey	4.2	5.6
Pennsylvania	10.5	(1)
North Central Region	8.0	3.2
East North Central Div.	CC	(D)
Ohio	4.3	1.9
West North Central Div.	BB	(D)
Iowa	BB	(D)
South Region	31.9	32.7
South Atlantic Div.	FF	(D)
Delaware	EE	(1)
Maryland	AA	(1)
West Virginia	EE	(1)
Georgia	BB	(D)
East South Central Div.	AA	(D)
Tennessee	AA	(D)
West South Central Div.	AA	(D)
Texas	AA	(D)
West Region	AA	(D)
Pacific Div.	AA	1.1
California	AA	1.1
RAYON YARN, VISCOSE AND CUPRAMMONIUM PROCESSES (28232)		
United States	340.5	398.6
Northeast Region	FF	(D)
New England Div.	BB	(D)
Massachusetts	BB	(1)
RAYON YARN, VISCOSE AND CUPRAMMONIUM PROCESSES (28232)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	FF	(D)
Pennsylvania	FF	(1)
North Central Region	FF	(D)
East North Central Div.	FF	(D)
Ohio	FF	(1)
South Region	GG	(D)
South Atlantic Div.	GG	185.2
Maryland	AA	(1)
Virginia	GG	(1)
West Virginia	GG	(1)
North Carolina	FF	(1)
Georgia	BB	(1)
East South Central Div.	115.8	129.9
Tennessee	FF	(1)
Alabama	FF	(1)
OTHER NONCELLULOSIC SYNTHETIC ORGANIC FIBERS (28242)		
United States	905.3	472.2
Northeast Region	EE	(D)
New England Div.	AA	(D)
Massachusetts	AA	(D)
Middle Atlantic Div.	CC	(D)
New York	BB	(D)
Pennsylvania	CC	(1)
North Central Region	BB	(D)
East North Central Div.	BB	(D)
Michigan	BB	(1)
South Region	GG	(D)
South Atlantic Div.	561.3	315.0
Maryland	EE	(1)
Virginia	147.4	74.6
West Virginia	AA	(1)
North Carolina	GG	(1)
South Carolina	GG	(1)
Florida	FF	(1)
East South Central Div.	332.3	152.3
Tennessee	GG	(1)
Alabama	GG	(1)

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $ 50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2821- and 30791	Plastics materials and resins[2]; Unsupported plastics film, sheet, rods, tubes, from purchased resins	4,703.1	4,809.3	4,166.0	3,588.5	3,301.4	2,202.4	1,463.5	559.6
28211 and 30791	Unsupported plastics film, etc., from resins made in same establishment; Unsupported plastics film, sheet, rods, tubes, from purchased resins	1,225.4	1,107.8	908.9	770.5	688.1	(NA)	(NA)	(NA)
28212	Regenerated cellulosic products, except rayon	326.9	329.7	330.4	336.4	327.6	302.0	217.0	(NA)
28213	Thermoplastic resins except for protective coatings	1,924.8	2,057.9	1,747.1	1,421.9	1,311.5	(NA)	(NA)	(NA)
28214	Thermosetting resins except for protective coatings	544.8	525.2	466.0	457.6	420.0	(NA)	(NA)	(NA)
28215	Synthetic resin adhesives from resins manufactured in same establishment	51.6	45.0	33.3	28.2	28.3	(NA)	(NA)	(NA)
28216	Synthetic resins for protective coatings	286.6	351.2	316.9	298.9	272.2	(NA)	(NA)	(NA)
28217	Custom compounded purchased resins	236.0	321.1	290.2	197.4	184.6	(NA)	(NA)	(NA)
28219	Plastics and resins materials, n.e.c.	67.5	60.5	60.3	67.4	60.4	(NA)	(NA)	(NA)
28210	Plastics materials, synthetic resins, and non-vulcanizable elastomers, n.s.k.	39.4	(10.7)	(13.0)	10.1	8.7	1.4	0.7	(NA)
28220	Synthetic rubber (vulcanizable elastomers.)	1,004.9	1,038.1	949.9	919.9	862.3	603.9	392.2	253.0
2823-	Cellulosic manmade fibers	681.1	720.8	741.3	711.1	648.9	582.9	640.7	585.8
28231	Acetate yarn	339.7	312.8	316.6	303.9	250.3	210.7	196.0	199.7
28232	Rayon yarn, viscose and cuprammonium processes	340.5	408.0	424.8	407.2	398.6	372.3	444.8	386.1
28230	Cellulosic manmade fibers, n.s.k.	0.9	-	-	-	-	-	-	-
2824-	Organic fibers, noncellulosic	1,974.1	1,938.5	1,832.5	1,573.2	1,368.3	748.3	561.6	91.9
28241	Polyamide fibers, nylon, except nontextile monofilaments	1,068.4	1,114.6	1,079.4	994.0	896.1	(NA)	(NA)	(NA)
28242	Other noncellulosic synthetic organic fibers	905.3	823.9	753.1	579.2	472.2	(NA)	(NA)	(NA)
28240	Organic fibers, noncellulosic, n.s.k.	0.4	-	-	-	-	-	-	-

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses for the value of shipments either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, at the individual product level, the estimates may be of limited reliability; however, they may be combined with other product-class totals into broader aggregates which are of acceptable reliability.

[2]Because a major revision in the classification of products assigned to industry 2821, plastic materials, was introduced in 1963, prior data, for the most part, are not comparable at the product class level.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967			1963		
				Consumption of materials received from other establishments		Materials made and consumed in same plant	Consumption of materials received from other establishments		Materials made and consumed in same plant
				Quantity	Delivered cost (million dollars)		Quantity	Delivered cost (million dollars)	
	INDUSTRY 2821.--PLASTICS MATERIALS AND RESINS								
	Materials, containers, and supplies, total	.....	.....	(X)	1,718.9	(X)	(X)	1,259.6	(X)
281829	Acetic anhydride	.....	Million lbs.	69.0	6.0	-	(NA)	(NA)	-
281825	Acrylates and methacrylates, monomers	100%.	...do.	437.8	74.5	(D)	222.1	44.3	(D)
281821	Acrylonitrile	.....	...do.	125.9	16.2	-	(NA)	(NA)	(NA)
281820	Alcohols, except ethyl	.....	Million gals.	69.8	26.3	-	59.7	23.1	(X)
289501	Carbon black	.....	Million lbs.	24.9	4.0	-	7.8	1.2	-
281824	Cellulose acetate	100%.	...do.	120.3	27.3	-	(D)	-	-
261128	Cotton pulp	Air dry.	1,000 short tons	2.3	0.4	(X)	2.0	0.5	(X)
291171	Extender oils of petroleum origin	.....	Million lbs.	(S)	6.2	(X)	153.5	4.8	(X)
281823	Formaldehyde	37% HCHO	...do.	856.5	26.4	488.9	491.2	17.1	239.2
284141	Glycerin	100%.	...do.	66.0	15.1	-	73.6	13.1	-
281944	Hydrochloric acid	100% HCl	1,000 short tons	10.4	0.8	-	14.0	0.7	8.4
	Liquefied refinery and petroleum gases:								
291167	Butadiene	100%.	Million lbs.	185.0	17.8	-	80.6	9.6	-
291165	Ethylene	100%.	...do.	2,049.9	80.6	(D)	858.6	38.6	(D)
291168	Other, (including isoprene, propylene isobutylene, etc.)	.....	...do.	3,253.4	47.3	(D)	482.1	11.8	-
282515	Melamine	100%.	...do.	51.4	11.0	(D)	59.4	12.2	(D)
281513	Phenol	100%.	...do.	350.1	29.5	(D)	222.8	23.1	58.4
281514	Phthalic anhydride	100%.	...do.	165.4	18.9	(D)	100.5	11.1	3.2
281835	Plasticizers	.....	...do.	227.5	44.3	(D)	141.0	29.9	0.6
281833	Rubber processing chemicals (accelerators antioxidants, blowing agents, inhibitors, peptizers, etc.)	.....	.....	(X)	5.3	-	(X)	4.9	-
284101	Soap and detergents	.....	Million lbs.	27.3	4.0	-	14.3	2.9	-
281238	Sodium hydroxide (caustic soda)	100% NaOH.	1,000 short tons	189.6	6.0	-	221.6	12.7	(D)
281516	Styrene	100%.	Million lbs.	1,554.6	111.5	(D)	724.9	69.0	(D)
281931	Sulfuric acid, except spent acid	100% H_2SO_4.	1,000 short tons	340.0	6.5	(D)	312.5	5.6	(D)
282130	Thermoplastic resins, including modified resins	.....	Million lbs.	662.1	80.9	517.5	450.4	71.2	350.2
282140	Thermosetting resins	Dry.	...do.	135.1	28.1	39.0	41.2	12.8	128.7
281826	Urea	100%.	...do.	205.7	8.7	-	124.0	5.7	(X)
281827	Vinyl acetate, monomer	100%.	...do.	276.2	29.5	(D)	168.1	21.2	(D)
281828	Vinyl chloride, monomer	100%.	...do.	1,465.9	88.6	(D)	742.1	54.7	142.7
261101	Woodpulp (excluding wood flour)	Air dry.	1,000 short tons	271.0	35.0	(X)	224.7	38.0	(X)
260091	Paper and paperboard containers	.....	.....	(X)	33.9	(X)	(X)	33.6	(X)
970099	All other materials and components, parts, containers, and supplies consumed	.....	.....	(X)	771.3	(X)	(X)	686.2	(X)
976000	Materials, containers, and supplies, n.s.k.[1]	.....	.....	(X)	57.0	(X)			

Code	Material	Basis	Unit of measure	1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2822.—SYNTHETIC RUBBER						
	Materials, containers, and supplies, total	.....	.....	(X)	483.4	(X)	402.9
281821	Acrylonitrile	.....	Million lbs.	20.2	2.7	(NA)	(NA)
289501	Carbon black	.....	...do.	388.7	28.5	299.7	22.2
291171	Extender oils of petroleum origin	.....	...do.	562.1	11.0	401.2	8.1
291167	Butadiene	100%.	...do.	1,825.2	172.1	1,588.1	172.0
281833	Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.)	.....	.....	(X)	25.3	(X)	25.8
284101	Soap and detergents	.....	Million lbs.	140.8	15.1	108.5	12.3
281238	Sodium hydroxide (caustic soda)	100% NaOH.	1000 short tons.	51.9	1.6	(X)	1.2
281516	Styrene	100%.	Million lbs.	452.0	38.0	458.7	47.9
281931	Sulfuric acid, except spent acid	100% H_2SO_4	1000 short tons.	61.3	1.1	25.7	0.4
260091	Paper and paperboard containers	.....	.....	(X)	6.4	(X)	7.0
970099	All other materials and components, parts, containers, and supplies consumed	.....	.....	(X)	177.1	(X)	106.0
971000	Materials, containers, supplies, n.s.k.	.....	.....	(X)	4.5	(X)	

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2823.--CELLULOSIC MANMADE FIBERS						
	Materials, containers, and supplies, total..	.....	.....	(X)	348.9	(X)	295.3
281829	Acetic anhydride (net after recovery).....	100%.....	1,000 short tons	108.9	16.3	115.3	11.9
281238	Sodium hydroxide (caustic soda).....	100% NaOH....	...do.....	299.7	13.3	334.9	17.8
281931	Sulfuric acid, except spent acid.....	100% H_2SO_4...	...do.....	518.6	10.3	548.3	10.6
261101	Woodpulp (excluding wood flour).....	Air dry.....	...do.....	697.2	132.2	707.4	119.5
260091	Paper and paperboard containers.....	.....	.....	(X)	10.3	(X)	7.9
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	.....	(X)	148.7	(X)	127.7
976000	Materials, containers, supplies, n.s.k.[1].....	.....	.....	(X)	17.8	-	-
	INDUSTRY 2824.--ORGANIC FIBERS, NONCELLULOSIC						
	Materials, containers, and supplies, total..	.....	.....	(X)	717.9	(X)	463.1
261101	Wood pulp.....	Air dry.....	1,000 short tons.	24.5	4.1	(NA)	(NA)
281821	Acrylonitrile.....	100%.....	Million pounds...	394.3	49.2	(NA)	(NA)
281825	Acrylates and methacrylates, monomers.....	100%.....	Million pounds...	16.2	3.5	(NA)	(NA)
281872	Caprolactam.....	100%.....	...do.....	282.8	60.4	(NA)	(NA)
281873	Glycols.....	100%.....	Million pounds...	287.7	22.4	(NA)	(NA)
282131	Polypropylene resins.....	Dry basis....	...do.....	86.6	20.6	(NA)	(NA)
281238	Sodium hydroxide (caustic soda).....	100% N_aOH....	1,000 short tons.	(2)	(2)	31.4	1.7
281931	Sulphuric acid, except spent acid.....	100% H_2SO_4...	...do.....	39.1	0.7	47.3	0.9
260091	Paper and paperboard containers.....	.....	.....	(X)	22.1	(X)	9.8
970099	All other materials and components, parts, containers, and supplies.....	.....	.....	(X)	529.9	(X)	450.7
976000	Materials, containers, supplies, n.s.k.[1].....	.....	.....	(X)	5.0	(X)	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

[2]Included with material code 970099 "All other materials and components, parts, containers, and supplies", to avoid disclosing figures for individual companies.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Plastics materials and resins (SIC 2821)	Synthetic rubber (SIC 2822)	Cellulosic manmade fibers (SIC 2823)	Organic fibers, noncellulosic (SIC 2824)
	Cost of purchased fuels and electric energy, total	Million dollars.	70.1	24.4	28.8	41.3
	Cost of purchased fuels, total	...do	35.5	13.6	25.1	25.1
121005	Coal (anthracite, bituminous, and lignite):					
	Quantity	1,000 short tons	1,434.0	283.9	3.299.6	1,784.7
	Cost	Million dollars.	10.4	1.4	21.4	13.2
331213	Coke, screenings, and breeze:					
	Quantity	1,000 short tons	(Z)	-	-	-
	Cost	Million dollars.	(Z)	-	-	-
	Fuel oil total:					
	Quantity	1,000 barrels...	3,166.6	44.6	120.0	756.7
	Cost	Million dollars.	7.9	0.1	0.4	2.4
291141	Distillate:					
	Quantity	1,000 barrels...	1,697.5	(D)	(D)	330.3
	Cost	Million dollars.	4.6	(D)	(D)	1.3
291151	Residual:					
	Quantity	1,000 barrels...	1,469.1	(D)	(D)	426.4
	Cost	Million dollars.	3.3	(D)	(D)	1.1
131300	Gas (natual, manufactured mixed, blast furnace, coke-oven, and other gas):					
	Quantity	Million cu. ft..	33,848.9	36,251.1	9,702.4	25,865.8
	Cost	Million dollars.	11.3	9.1	3.3	8.4
960013	Other fuels (gasoline, LPG, wood, etc.)	...do	2.8	2.4	(Z)	1.0
	Fuels, n.s.k	...do	3.1	0.6	-	0.1
	Purchased electric energy:					
	Quantity	Million kw.-hrs.	4,367.6	1,570.4	472.7	2,539.2
	Cost	Million dollars.	34.6	10.8	3.7	16.2
	Quantity of electric energy generated less quantity sold	Million kw.-hrs.	442.3	-	1,713.7	1,002.4
	Total energy used for heat and power[1]	Million kw.hrs. equivalent	34,682.8	15,832.0	30,667.9	26,722.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under $50 thousand.

[1] Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2821	PLASTICS MATERIALS AND RESINS										
	ENTIRE INDUSTRY	660	70.6	568.8	46.8	95.6	332.7	1 635.1	1 849.8	3 473.9	310.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	585	48.7	388.1	32.3	66.0	228.1	1 102.6	1 293.8	2 388.9	177.5
28211	UNSUPPORTED PLASTICS FILM, ETC., RESINS OF ESTAB.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	38	3.4	22.7	2.6	5.2	15.7	88.9	52.2	140.6	24.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28212	REGENERATED CELLULOSIC PRODUCTS, EXCEPT RAYON										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	13	8.0	60.3	5.7	11.3	38.7	140.6	112.5	259.7	11.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28213	THERMOPLASTIC RESINS EXC. FOR PROTECTIVE COATINGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	121	33.9	289.7	22.4	45.9	172.1	890.9	1 007.0	1 885.4	172.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	86	14.2	119.6	8.8	18.5	68.1	430.7	492.9	911.8	96.7
28214	THERMOSETTING RESINS EXC. FOR PROTECTIVE COATINGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	106	8.5	67.5	5.3	11.2	37.7	193.0	269.2	461.0	30.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	76	5.9	45.7	3.7	7.7	26.1	131.7	166.1	298.1	24.5
28215	SYN. RESIN ADHESIVES, RESINS MFRD. AT ESTAB.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	14	.8	6.3	.4	.9	2.8	15.1	36.0	50.8	2.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	8	.3	2.3	.1	.3	1.0	3.7	16.1	19.8	.7
28216	SYNTHETIC RESINS FOR PROTECTIVE COATINGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	41	4.8	39.8	2.8	5.7	20.7	122.1	157.9	278.7	7.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	28	1.2	9.0	.7	1.5	4.9	30.8	54.9	83.8	1.3
28217	CUSTOM COMPOUNDED PURCHASED RESINS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	112	8.2	62.8	5.1	10.4	31.3	139.1	168.6	306.0	18.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	96	3.8	26.4	2.8	5.6	15.1	55.4	84.9	139.8	6.0
28219	PLASTICS AND RESIN MATERIALS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	18	1.7	10.8	1.4	3.0	8.1	22.0	22.7	44.9	2.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2822	SYNTHETIC RUBBER										
	ENTIRE INDUSTRY	48	12.6	110.4	8.5	16.8	66.5	404.9	521.2	926.9	75.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	39	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2823	CELLULOSIC MANMADE FIBERS										
	ENTIRE INDUSTRY	23	31.9	198.2	25.3	50.0	141.1	506.8	383.3	902.8	51.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	20	21.6	127.2	17.6	34.7	93.9	360.1	238.5	611.6	19.9
28231	ACETATE YARN										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	7	15.4	103.0	11.8	22.6	68.0	328.7	186.1	519.8	23.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28232	RAYON YARN, VISCOSE AND CUPRAMMONIUM PROCESSES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	8	12.3	72.5	10.0	20.4	55.9	144.6	175.9	325.0	28.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2824	ORGANIC FIBERS, NONCELLULOSIC										
	ENTIRE INDUSTRY	40	57.2	415.9	40.7	80.9	257.9	1 251.8	767.7	2 033.2	309.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	33	47.9	355.7	34.1	68.1	221.1	1 091.7	679.0	1,786.2	220.3
28241	POLYAMIDE FIBERS, NYLON, EXC. NONTEXTILE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	19	35.4	248.2	26.5	52.0	164.8	709.7	379.9	1 106.9	101.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28242	OTHER NONCELLULOSIC SYNTHETIC ORGANIC FIBERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	18	21.7	167.2	14.1	28.9	93.1	542.1	387.5	926.3	143.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

DRUGS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2831--Biological Products
2833--Medicinal Chemicals and Botonical Products
2834--Pharmaceutical Preparations

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2831--BIOLOGICAL PRODUCTS

This industry comprises establishments primarily engaged in the production of bacterial and virus vaccine, toxoids and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use. For a detailed list of products of industry 2831, refer to table 6A, product codes 2831111 to 2831598.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Biological Products Industry in 1967 totaled $160.0 million. This included shipments of biological products (primary products), valued at $134.4 million, shipments of other products (secondary products) valued at $14.6 million, and miscellaneous receipts of $11.1 million.

This industry's shipments of biological products (primary products) in 1967 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 88 percent. Secondary products shipped by this industry in 1967 consisted mainly of surgical and medical instruments ($1.4 million).

Industry 2831 shipments of biological products (primary products) in 1967 represented 61 percent (coverage ratio) of these products valued at $220.6 million shipped by all industries. In 1963, the coverage ratio was 45 percent. Other industries shipping biological products (primary products) consisted mainly of industry 2834, Pharmaceutical Preparations.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2831, these establishments accounted for approximately the following percentages 1.0 percent of payroll and 1.0 percent of value added by manufacture.

2833--MEDICINAL CHEMICALS AND BOTANICAL PRODUCTS

This industry comprises establishments primarily engaged in (1) manufacturing bulk organic and inorganic chemicals and their derivatives; and (2) processing (grading, grinding, and milling) bulk botanical drugs and herbs. Establishments primarily engaged in manufacturing agar-agar and similar products of natural origin, endocrine products, manufacturing or isolating basic vitamins, and isolating active medicinal principals such as alkaloids from botanical drugs and herbs are also included in this industry. For a detailed list of products of industry 2833, refer to table 6A, product codes 2833110 to 2833281.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Medicinals and Botanicals Industry in 1967 totaled $445.2 million. This included shipments of medicinals and botanicals (primary products), valued at $329.7 million, shipments of other products (secondary products) valued at $89.6 million, and miscellaneous receipts of $25.9 million.

This industry's shipments of medicinals and botanicals (primary products) in 1967 represented 71 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 71 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial organic chemicals ($38.9 million).

Industry 2833 shipments of medicinals and botanicals (primary products) in 1967 represented 56 percent (coverage ratio) of these products valued at $593.8 million shipped by all industries. In 1963, the coverage ratio was 47 percent. Other industries shipping medicinals and botanicals (primary products) consisted mainly of industry 2834, Pharmaceutical Preparations, $148.3 million; and industry 2818, Industrial Organic Chemicals, N.E.C., $46.3 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2833, these establishments accounted for approximately the following percentages 0.5 percent of payroll and 0.3 percent of value added by manufacture.

2834--PHARMACEUTICAL PREPARATIONS

This industry comprises establishments primarily engaged in manufacturing, fabricating, or processing drugs in pharmaceutical preparations for human or veterinary use. The greater part of the products of these establishments is finished in the form intended for final consumption such as ampoules, tablets, capsules, ointments, medicinal powders, solutions, and suspensions. Products of this industry consist of two important lines, namely: (1) pharmaceutical preparations promoted primarily to the dental, medical, or veterinary professions; and (2) pharmaceutical preparations promoted primarily to the public. For a detailed list of products of industry 2834, refer to table 6A, product codes 2834111 to 2834998.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Pharmaceutical Preparations Industry in 1967 totaled $4,696.4 million. This included shipments of pharmaceutical preparations (primary products), valued at $3,994.3 million, shipments of other products (secondary products) valued at $601.1 million, and miscellaneous receipts (mainly contract work on materials owned by others) of $101.0 million.

This industry's shipments of pharmaceutical preparations (primary products) in 1967 represented 87 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 87 percent. Secondary products shipped by this industry in 1967 consisted mainly of toilet preparations ($226.7 million), and medicinals and botanicals ($148.3 million).

Industry 2834 shipments of pharmaceutical preparations (primary products) in 1967 represented 97 percent (coverage ratio) of these products valued at $4,139.7 million shipped by all industries. In 1963, the coverage ratio was 94 percent. Other industries shipping pharmaceutical preparations (primary products) consisted mainly of industry 2844, Toilet Preparations, $38.1 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2833, these establishments accounted for approximately the following percentages 0.5 percent of payroll and 0.3 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 2831.--BIOLOGICAL PRODUCTS													
1967 Census	128	44	7.4	53.8	4.8	9.3	25.1	109.2	56.4	160.0	12.1	46.1	90	61
1966 ASM[1]	(NA)	(NA)	5.6	39.6	3.5	7.2	18.4	78.8	36.4	108.4	11.5	35.2	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	5.2	35.7	3.2	6.4	16.3	64.6	33.7	96.6	6.3	28.2	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	5.6	35.5	3.4	6.6	16.1	63.2	33.6	97.8	6.6	28.4	(NA)	(NA)
1963 Census	113	40	5.8	33.8	3.6	7.2	17.0	60.4	38.2	95.7	10.1	29.5	88	45
1962 ASM[1]	(NA)	(NA)	5.9	32.5	3.8	7.5	16.5	63.5	42.7	103.2	5.7	27.8	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	5.7	30.0	3.7	7.1	15.7	65.7	36.8	100.6	5.5	27.0	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	5.4	27.8	3.4	6.8	14.4	59.0	32.9	91.0	5.2	25.4	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	4.1	19.5	2.8	5.6	10.9	46.6	24.1	68.4	(S)	16.9	(NA)	(NA)
1958 Census[2]	116	35	3.7	16.2	2.6	5.0	9.7	38.9	24.9	63.8	4.6	15.0	89	41
	INDUSTRY 2833.--MEDICINALS AND BOTANICALS													
1967 Census	126	45	8.4	67.1	5.6	11.7	41.4	243.3	206.1	445.2	36.2	83.5	71	56
1966 ASM[1]	(NA)	(NA)	5.2	41.8	3.3	7.1	22.2	149.1	142.0	285.1	17.2	53.6	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	5.2	40.0	3.2	6.9	21.0	126.9	128.7	255.9	9.2	47.7	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	5.8	42.8	3.6	7.7	23.0	113.9	136.4	252.5	8.8	51.5	(NA)	(NA)
1963 Census	138	42	8.1	59.3	5.3	11.1	33.6	151.3	155.5	305.8	14.0	72.4	71	47
1962 ASM[1]	(NA)	(NA)	9.0	63.0	5.7	12.1	34.2	158.9	151.8	295.6	17.9	68.9	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	8.6	56.0	5.6	11.5	30.9	156.4	137.2	284.2	15.1	61.1	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	11.7	78.2	7.3	15.3	40.4	210.2	153.5	351.1	25.4	75.3	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	12.0	78.9	7.7	16.3	42.7	212.4	165.9	369.0	38.0	73.8	(NA)	(NA)
1958 Census[2]	129	50	10.2	62.9	6.6	13.8	35.5	175.8	148.9	322.3	34.8	60.0	72	55
	INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS													
1967 Census	875	318	102.0	821.4	55.2	107.2	338.6	3,720.4	1,013.7	4,696.4	169.6	611.9	87	97
1966 ASM[1]	(NA)	(NA)	98.3	761.1	53.6	107.9	327.9	3,446.9	1,018.0	4,432.4	133.8	582.3	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	94.6	701.6	51.4	102.1	299.4	3,172.8	907.4	4,049.7	122.6	521.6	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	90.2	639.8	49.4	99.2	273.8	2,766.2	815.2	3,571.1	102.7	469.0	(NA)	(NA)
1963 Census	1,011	319	85.1	580.6	45.9	91.7	246.0	2,595.7	736.5	3,314.3	89.3	428.3	87	94
1962 ASM[1]	(NA)	(NA)	91.3	588.7	48.8	94.2	240.7	2,413.5	734.2	3,142.2	71.5	403.5	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	88.0	549.1	46.5	91.1	225.2	2,223.7	698.6	2,926.6	86.4	383.2	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	86.7	517.6	45.6	88.9	212.9	2,085.2	675.3	2,772.1	85.1	357.2	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	83.7	495.9	45.6	89.4	209.1	2,015.5	685.2	2,692.2	82.8	274.7	(NA)	(NA)
1958 Census[2]	1,114	318	82.0	466.6	45.7	91.4	205.5	1,881.5	700.6	2,591.8	72.4	365.8	87	94

Note: In 1967, 1963, and 1958, the number of companies in industry 2831 was 119, 102, and 110, respectively; in industry 2833: 112, 122, and 114; industry 2834: 791, 944, and (NA). The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2831.--BIOLOGICAL PRODUCTS								
1967 Census	7,286	65	1,944	2.69	.35	.69	14,794	49	11.73
1966 ASM	7,085	63	2,040	2.56	.34	.70	14,121	50	10.96
1965 ASM	6,836	62	1,996	2.53	.35	.72	12,357	55	10.06
1964 ASM	6,333	60	1,952	2.44	.34	.71	11,275	56	9.55
1963 Census	5,841	63	1,981	2.36	.40	.75	10,430	56	8.35
1962 ASM	5,511	65	1,952	2.21	.41	.73	10,782	51	8.52
1961 ASM	5,266	64	1,930	2.22	.37	.66	11,542	46	9.28
1960 ASM	5,106	62	2,017	2.13	.36	.67	10,838	47	8.71
1959 ASM	4,740	68	2,005	1.94	.35	.64	11,312	42	8.30
1958 Census	4,393	70	1,947	1.95	.39	.64	10,549	42	7.79
	INDUSTRY 2833.--MEDICINALS AND BOTANICALS								
1967 Census	7,956	66	2,096	3.54	.46	.61	28,830	28	20.83
1966 ASM	8,117	64	2,155	3.14	.50	.64	28,947	28	21.13
1965 ASM	7,718	63	2,136	3.03	.50	.66	24,470	32	18.29
1964 ASM	7,414	62	2,134	3.01	.54	.71	19,726	38	14.88
1963 Census	7,299	66	2,091	3.02	.51	.70	18,614	39	13.59
1962 ASM	6,996	63	2,122	2.83	.51	.73	17,639	40	13.16
1961 ASM	6,523	65	2,062	2.68	.48	.68	18,223	36	13.57
1960 ASM	6,703	63	2,084	2.64	.44	.66	18,025	37	13.73
1959 ASM	6,548	64	2,110	2.62	.45	.66	17,632	37	13.00
1958 Census	6,137	65	2,080	2.57	.46	.66	17,160	36	12.73
	INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS								
1967 Census	8,051	54	1,939	3.16	.22	.39	36,462	22	34.71
1966 ASM	7,741	55	2,013	3.04	.23	.40	35,058	22	31.93
1965 ASM	7,420	54	1,988	2.93	.22	.40	33,555	22	31.07
1964 ASM	7,091	55	2,007	2.76	.23	.41	30,657	23	27.87
1963 Census	6,824	54	1,996	2.68	.22	.40	30,507	22	28.31
1962 ASM	6,451	53	1,930	2.56	.23	.42	26,448	24	25.63
1961 ASM	6,241	53	1,961	2.47	.24	.43	25,274	25	24.40
1960 ASM	5,973	53	1,947	2.40	.24	.43	24,062	25	23.47
1959 ASM	5,923	54	1,962	2.34	.25	.44	24,073	25	22.55
1958 Census	5,690	56	1,999	2.25	.27	.45	22,945	25	20.59

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2831-- BIOLOGICAL PRODUCTS													
UNITED STATES	128	44	7.4	53.8	4.8	9.3	25.1	109.2	56.4	160.0	12.1	5.8	60.4
NORTHEAST REGION	30	11	.8	5.0	.6	1.0	2.5	9.3	4.9	13.9	2.1	.4	3.4
MIDDLE ATLANTIC DIVISION	25	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	10	5	.4	2.5	.3	.5	1.1	5.2	2.1	7.3	1.7	[2](D)	[2](D)
NEW JERSEY	9	3	.2	.9	.1	.1	.3	2.0	1.0	3.0	(D)	[2](D)	[2](D)
PENNSYLVANIA	6	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	44	18	3.0	23.4	1.8	3.5	10.1	47.1	24.4	71.9	5.4	3.0	32.7
EAST NORTH CENTRAL DIVISION	22	9	1.9	16.2	1.1	2.2	7.4	25.3	12.3	37.1	3.1	(D)	(D)
INDIANA	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	6	3	.2	.9	.1	.1	.2	1.3	1.2	2.7	.1	.2	1.5
MICHIGAN	5	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	22	9	1.1	7.2	.7	1.4	2.7	21.9	12.1	34.8	2.3	(D)	(D)
IOWA	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	30	9	1.7	9.7	1.4	2.6	6.0	24.4	8.3	32.2	1.6	1.1	13.4
SOUTH ATLANTIC DIVISION	16	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND	6	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	5	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	24	6	1.9	15.7	1.1	2.2	6.5	28.5	18.9	42.0	3.1	1.3	10.9
PACIFIC DIVISION	18	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	15	4	1.7	14.6	.9	1.9	5.7	27.2	17.8	39.5	(D)	1.1	9.4
2833-- MEDICINALS AND BOTANICALS													
UNITED STATES	126	45	8.4	67.1	5.6	11.7	41.4	243.3	206.1	445.2	36.2	8.1	151.3
NORTHEAST REGION	51	23	6.0	48.3	3.8	8.1	29.6	125.5	114.8	238.2	28.5	5.9	93.4
NEW ENGLAND DIVISION	3	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CONNECTICUT	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	(D)
MIDDLE ATLANTIC DIVISION	48	22	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	18	7	.9	8.6	.5	.9	3.4	20.8	20.1	40.5	2.2	.9	14.2
NEW JERSEY	21	12	2.4	19.6	1.4	3.0	10.6	62.8	47.0	107.8	(D)	2.0	36.3
PENNSYLVANIA	9	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	35	12	.8	5.6	.6	1.1	3.2	20.5	41.2	61.1	1.5	1.4	26.7
EAST NORTH CENTRAL DIVISION	23	8	.5	3.6	.3	.7	1.9	10.2	7.6	17.9	.9	(D)	(D)
ILLINOIS	13	5	.4	2.6	.2	.5	1.4	6.1	6.7	12.8	.3	.6	11.4
WEST NORTH CENTRAL DIVISION	12	4	.3	2.1	.2	.5	1.3	10.3	33.6	43.2	.6	(D)	(D)
MISSOURI	7	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	20	7	1.5	12.0	1.1	2.3	8.1	92.2	44.4	135.6	5.6	.8	30.2
SOUTH ATLANTIC DIVISION	12	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
VIRGINIA	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	20	3	.2	1.3	.1	.2	.5	5.1	5.7	10.2	.5	.1	1.0
PACIFIC DIVISION	19	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	16	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
2834-- PHARMACEUTICAL PREPARATIONS													
UNITED STATES	875	318	102.0	821.4	55.2	107.2	338.6	3 720.4	1 013.7	4 696.4	169.6	85.1	2 595.7
NORTHEAST REGION	326	130	51.2	423.4	28.2	56.1	176.1	2 188.4	558.2	2 732.3	85.8	42.5	1 498.8
NEW ENGLAND DIVISION	48	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	28	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	11	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	278	117	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	137	49	19.0	146.5	11.5	22.3	69.9	668.0	203.7	867.1	27.7	17.1	554.5
NEW JERSEY	75	40	19.1	164.8	9.4	20.0	62.5	856.8	210.8	1 060.5	41.3	14.4	502.8
PENNSYLVANIA	66	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CENTRAL REGION	262	100	36.9	307.1	19.4	35.9	129.2	1 175.3	323.5	1 484.7	63.7	32.0	881.5
EAST NORTH CENTRAL DIVISION	182	69	32.6	277.0	17.1	31.3	116.7	1 041.2	274.3	1 302.2	56.9	28.0	797.0
OHIO	41	13	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.7	44.7
INDIANA	23	7	12.1	113.3	6.2	10.6	45.0	407.4	85.9	490.2	(D)	10.5	299.4
ILLINOIS	72	29	10.0	77.0	4.6	9.0	27.6	276.4	79.7	352.7	14.0	8.0	221.4
MICHIGAN	33	14	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	13	6	.6	4.5	.2	.5	1.4	10.7	3.3	13.9	.2	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2834-- PHARMACEUTICAL PREPARATIONS--CON.													
NORTH CENTRAL DIVISION--CON.													
WEST NORTH CENTRAL DIVISION	80	31	4.3	30.1	2.4	4.6	12.5	134.1	49.2	182.5	6.8	4.1	84.5
MINNESOTA	17	3	.2	1.0	.1	.1	.3	2.5	1.8	4.3	(Z)	[2](D)	[2](D)
IOWA	7	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	43	20	2.6	17.3	1.5	3.1	8.3	91.8	31.4	123.0	2.7	2.7	58.7
NEBRASKA	6	5	.8	6.0	.4	.8	2.1	27.5	7.8	34.6	(D)	.5	10.4
KANSAS	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	170	51	9.8	62.8	5.3	10.7	21.8	275.5	96.2	365.3	14.5	7.6	176.5
SOUTH ATLANTIC DIVISION	87	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.7	96.1
MARYLAND	17	6	.7	3.3	.4	.8	1.3	15.8	9.8	25.3	.2	.7	15.3
VIRGINIA	12	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	14	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	6	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	11	4	.5	2.6	.3	.6	1.2	7.5	4.9	12.1	.3	.3	5.1
FLORIDA	22	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	37	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.9	67.2
TENNESSEE	20	10	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	8	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	46	11	1.2	8.3	.5	.9	1.8	19.6	8.2	27.9	.7	1.0	13.2
TEXAS	31	11	1.1	8.0	.4	.8	1.7	18.4	7.4	26.0	(D)	.9	12.3
WEST REGION	117	37	4.1	28.1	2.3	4.4	11.4	81.1	35.8	114.2	5.6	2.9	38.9
PACIFIC DIVISION	104	35	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OREGON	7	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.0
CALIFORNIA	90	32	3.7	26.1	2.0	4.0	10.4	75.1	31.1	103.8	(D)	2.5	34.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated.

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250 to 499 employees
CC - 500 to 999 employees
EE - 1,000 to 2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Biological products (SIC 2831)	Medicinals and botanicals (SIC 2833)	Pharmaceutical preparations (SIC 2834)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.90	.71	.87
COVERAGE RATIO[2]	.61	.56	.97
ESTABLISHMENTS, TOTAL . . . NUMBER	128	126	875
WITH 1 TO 19 EMPLOYEES . . . DO	84	81	557
WITH 20 TO 99 EMPLOYEES . . . DO	26	31	188
WITH 100 EMPLOYEES OR MORE . . . DO	18	14	130
ALL EMPLOYEES, AVERAGE FOR YEAR . . . 1,000	7.4	8.4	102.0
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	53.8	67.1	821.4
PRODUCTION WORKERS:			
AVERAGE FOR YEAR . . . 1,000	4.8	5.6	55.2
MARCH . . . DO	4.7	5.5	54.8
MAY . . . DO	4.7	5.5	55.1
AUGUST . . . DO	4.9	5.6	56.2
NOVEMBER . . . DO	4.8	5.6	54.9
MAN-HOURS . . . MILLIONS	9.3	11.7	107.2
JANUARY-MARCH . . . DO	2.2	2.9	27.2
APRIL-JUNE . . . DO	2.2	2.9	27.5
JULY-SEPTEMBER . . . DO	2.3	2.8	25.3
OCTOBER-DECEMBER . . . DO	2.6	3.0	27.1
WAGES . . . MILLION DOLLARS	25.1	41.4	338.6
COST OF MATERIALS, ETC., TOTAL . . . DO	56.4	206.1	1 013.7
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . . . DO	46.7	175.7	902.8
COST OF RESALES . . . DO	7.6	17.1	45.7
FUELS CONSUMED . . . DO	.7	5.5	10.6
PURCHASED ELECTRIC ENERGY . . . DO	1.3	3.0	15.2
CONTRACT WORK . . . DO	.1	4.8	39.4
VALUE OF SHIPMENTS, INCLUDING RESALES . . . DO	160.0	445.2	4 696.4
VALUE OF RESALES . . . DO	10.4	22.4	90.1
VALUE ADDED BY MANUFACTURE . . . DO	109.2	243.3	3 720.4
MANUFACTURERS' INVENTORIES:			
BEGINNING OF YEAR, TOTAL . . . DO	37.5	76.5	568.6
FINISHED PRODUCTS . . . DO	13.4	26.5	196.1
WORK IN PROCESS . . . DO	16.1	26.5	136.0
MATERIALS, SUPPLIES, FUEL, ETC. . . . DO	8.0	23.4	236.6
END OF YEAR, TOTAL . . . DO	46.1	83.3	611.9
FINISHED PRODUCTS . . . DO	14.9	31.9	217.4
WORK IN PROCESS . . . DO	20.3	26.7	151.1
MATERIALS, SUPPLIES, FUEL, ETC. . . . DO	10.9	24.8	243.5
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . . DO	12.6	36.5	176.5
NEW PLANT AND EQUIPMENT, TOTAL . . . DO	12.1	36.2	169.6
NEW STRUCTURES AND ADDITIONS TO PLANT . . . DO	5.2	7.4	79.3
NEW MACHINERY AND EQUIPMENT . . . DO	7.0	28.8	90.2
USED PLANT AND EQUIPMENT . . . DO	.5	.3	6.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2831-- BIOLOGICAL PRODUCTS											
ESTABLISHMENTS, TOTAL	128	7.4	53.8	4.8	9.3	25.1	109.2	56.4	160.0	12.1	46.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	52	.1	.5	.1	.1	.3	1.5	.8	2.2	[2].2	.5
5 TO 9 EMPLOYEES[e]	14	.1	.5	.1	.1	.2	1.0	.5	1.5	.1	.2
10 TO 19 EMPLOYEES	18	.2	1.4	.2	.3	.8	3.0	1.9	4.8	.8	.9
20 TO 49 EMPLOYEES	19	.6	3.6	.4	.8	1.9	10.2	4.3	14.2	.7	3.4
50 TO 99 EMPLOYEES	7	.5	3.1	.4	.6	1.5	9.4	3.3	12.4	1.6	3.0
100 TO 249 EMPLOYEES	9	1.3	9.1	.9	1.8	5.0	17.6	10.1	27.2	2.9	7.5
250 TO 499 EMPLOYEES	5	2.0	12.9	1.4	2.7	6.6	36.3	17.3	54.4	1.3	14.4
500 TO 999 EMPLOYEES	4	2.5	22.7	1.4	2.8	8.8	30.3	18.3	43.4	4.6	16.1
ESTABS. COVERED BY ADMIN.RECORDS [1e]	47	.1	.5	.1	.1	.3	1.3	.8	2.1	.2	.5
2833-- MEDICINALS AND BOTANICALS											
ESTABLISHMENTS, TOTAL	126	8.4	67.1	5.6	11.7	41.4	243.3	206.1	445.2	36.2	83.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	42	.1	.4	.1	.1	.2	2.1	3.2	5.0	[2].2	.7
5 TO 9 EMPLOYEES	21	.1	1.2	.1	.2	.5	3.6	7.1	10.5	.6	1.0
10 TO 19 EMPLOYEES	18	.2	1.6	.2	.3	1.0	4.3	7.9	12.1	.2	1.7
20 TO 49 EMPLOYEES	22	.7	4.8	.4	.9	2.6	20.4	43.1	62.7	1.5	5.6
50 TO 99 EMPLOYEES	9	.6	4.3	.4	.7	2.0	14.8	11.8	26.1	1.3	5.6
100 TO 249 EMPLOYEES	8	2.7	22.5	1.7	3.4	11.6	91.6	67.4	158.0	5.5	32.3
250 TO 499 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	1	4.1	32.2	2.8	6.1	23.3	106.4	65.6	170.7	26.9	36.8
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN.RECORDS [1e]	30	.1	.3	.1	.1	.2	.8	.8	1.6	(Z)	.3
2834-- PHARMACEUTICAL PREPARATIONS											
ESTABLISHMENTS, TOTAL	875	102.0	821.4	55.2	107.2	338.6	3 720.4	1 013.7	4 696.4	169.6	611.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	379	.6	2.9	.6	.7	1.2	10.3	4.4	14.7	[2]11.1	2.6
5 TO 9 EMPLOYEES[e]	83	.6	3.2	.4	.7	1.4	8.7	4.2	12.8	.2	2.0
10 TO 19 EMPLOYEES	95	1.4	7.6	.8	1.6	3.3	20.6	16.0	36.7	.7	5.0
20 TO 49 EMPLOYEES	107	3.4	21.2	2.2	4.1	9.6	64.4	38.0	101.8	2.5	13.8
50 TO 99 EMPLOYEES	81	5.6	33.8	3.3	6.5	14.0	113.1	56.4	167.8	3.0	25.2
100 TO 249 EMPLOYEES	55	8.8	56.3	5.2	10.6	26.4	354.5	112.2	460.4	7.4	54.9
250 TO 499 EMPLOYEES	28	9.8	69.0	5.3	10.8	30.6	456.3	123.3	575.3	16.3	64.9
500 TO 999 EMPLOYEES	24	16.6	123.7	8.9	17.8	49.6	591.9	184.3	768.2	21.8	95.6
1,000 TO 2,499 EMPLOYEES	14	19.4	168.2	10.3	19.6	72.0	1 005.9	226.5	1 227.3	42.8	142.9
2,500 EMPLOYEES OR MORE	9	35.9	335.5	18.3	34.8	130.5	1 094.5	248.3	1 331.5	63.7	204.9
ESTABS. COVERED BY ADMIN.RECORDS [1e]	371	.7	3.5	.7	.9	1.5	11.7	4.9	16.6	.3	3.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated.

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2831	Biological products.....1967..	160.0	134.4	14.6	11.1	90	220.6	134.4	86.2	61
	1963..	95.7	75.1	10.4	10.2	88	167.3	75.1	92.2	45
2833	Medicinals and botanicals.....1967..	445.2	329.7	89.6	25.9	71	593.8	329.7	264.1	56
	1963..	305.8	203.0	83.1	19.7	71	434.0	203.0	231.0	47
2834	Pharmaceutical preparations.....1967..	4,696.4	3,994.3	601.1	101.0	87	4,139.7	3,994.3	145.4	97
	1963..	3,314.3	2,819.8	410.9	83.6	87	3,000.2	2,819.8	180.4	94

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussions of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products and miscellaneous receipts	All industries	Biological products (SIC 2831)	Medicinals and botanicals (SIC 2833)	Pharmaceutical preparations (SIC 2834)	Other industries
	Total shipments and miscellaneous receipts	(X)	160.0	445.2	4,696.4	(X)
2831-	Biological products, total	220.6	134.4	(under 2)	84.1	(under 2)
28311	Blood and blood derivatives for human use	35.9	15.0	-	(20-50)	(under 2)
28312	Vaccines and antigens for human use	36.6	13.6	-	23.0	-
28313	Antitoxins, toxoids and toxins for immunization, and therapeutic immune serums, for human use	12.7	5.5	-	7.2	-
28314	Diagnostic substances and other biologics, for human use	81.9	56.7	-	25.2	
28315	Biological preparations for veterinary use	47.9	37.9	(under 2)	8.5	(under 2)
28310	Biological products, n.s.k.	5.7	5.7	-	-	-
2833-	Medicinals and botanicals, total	593.8	(under 2)	329.7	148.3	(100-200)
28331	Synthetic organic medicinal chemicals in bulk, total	503.7	-	269.0	130.0	104.7
28332	Other medicinal chemicals and botanical products, in bulk, n.e.c., total	80.1	(under 2)	50.9	18.3	(over 2)
28330	Medicinal chemicals and botanical products, n.s.k.	10.0	-	(5-10)	-	(under 2)
2834-	Phamaceutical preparations	4,139.7	(5-10)	(10-20)	3,994.3	122.7
28341	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic diseases, for human use	420.2	-	(under 2)	418.1	(over 2)
28342	Pharmaceutical preparations acting on the central nervous system and the sense organs for human use	1,137.1	-	-	(1000-2000)	(10-20)
28343	Pharmaceutical preparations acting on the cardiovascular system, for human use	207.5	(under 2)	(under 2)	206.1	(under 2)
28344	Pharmaceutical preparations acting on the respiratory system for human use	361.4	-	-	(200-500)	(over 2)
28345	Pharmaceutical preparations, acting on the digestive or the genito-urinary system, for human use	552.1	-	(under 2)	531.1	(20-50)
28346	Pharmaceutical preparations acting on the skin for human use	229.1	-	-	(200-500)	(20-50)
28347	Vitamin, nutrient and hematinic preparations for human use	378.4	(under 2)	(under 2)	373.4	3.6
28348	Pharmaceutical preparations affecting parasitic and infective diseases for human use	664.5	-	(under 2)	632.2	(over 2)
28349	Pharmaceutical preparations for veterinary use	135.4	8.6	(over 2)	103.0	(10-20)
28340	Pharmaceutical preparations, except biologicals, n.s.k.	54.1	-	-	(50-100)	(under 2)
	Other product shipments by 4 digit product groups					
2071-	Confectionery products	(X)	-	-	(over 2)	(X)
2087-	Flavoring extracts and sirups, n.e.c.	(X)	-	-	5.7	(X)
2099-	Food preparations, n.e.c.	(X)	-	-	5.5	(X)
2647-	Sanitary paper products	(X)	-	-	(over 2)	(X)
2815-	Cyclic intermediates and crudes	(X)	-	(10-20)	(under 2)	(X)
2816-	Inorganic Pigments	(X)	-	(over 2)	-	(X)
2818-	Industrial organic chemicals, n.e.c.	(X)	-	38.9	22.5	(X)
2819-	Industrial inorganic chemicals, n.e.c.	(X)	-	(over 2)	(2-5)	(X)
2842-	Polishers and sanitation goods	(X)	-	(over 2)	2.9	(X)
2843-	Surface active agents	(X)	-	7.2	(under 2)	(X)
2844-	Toilet preparations	(X)	-	-	226.7	(X)
2879-	Agricultural chemicals, n.e.c.	(X)	-	(under 2)	(5-10)	(X)
2891-	Adhesives and gelatin	(X)	-	-	(10-20)	(X)
2899-	Chemical preparations, n.e.c.	(X)	-	-	(10-20)	(X)
3079-	Miscellaneous plastics products	(X)	-	-	(over 2)	(X)
3841-	Surgical and medical instruments	(X)	1.4	-	43.0	(X)
	Miscellaneous receipts	(X)	11.1	25.9	101.0	(X)
9998	Resales	(X)	10.4	22.4	90.1	(X)
9300	Other miscellaneous receipts	(X)	.7	3.5	10.9	(X)

Product code	Class of products and miscellaneous receipts	Other industries
	Listing of other industries with over $2 million shipments of the primary products	
2833-	2042 Prepared feeds for animals and fowls	(over 2)
2833-	2046 Wet corn milling	(over 2)
2833-	2095 Roasted coffee	(over 2)
2833-	2812 Alkalies and chlorine	(over 2)
2833-	2815 Cyclic intermediates and crudes	19.6
2833-	2818 Industrial organic chemicals, n.e.c.	46.3
2833-	2819 Industrial inorganic chemicals, n.e.c.	(over 2)
2833-	2821 Plastics materials and resins	(2-5)
2833-	2822 Synthetic rubber	(over 2)
2833-	2843 Surface active agents	6.6

Product code	Class of products and miscellaneous receipts--Con.	Other industries
	Listing of other industries with over $2 million shipments of the primary products--Con.	
2834-	2879 Agricultural chemicals, n.e.c.	(10-20)
2834-	2042 Prepared feeds for animals and fowls	5.6
2834-	2071 Confectionery products	(over 2)
2834-	2073 Chewing gum	(10-20)
2834-	2815 Cyclic intermediate and crudes	(over 2)
2834-	2841 Soap and other detergents	4.7
2834-	2844 Toilet preparations	38.1
2834-	2879 Agricultural chemicals, n.e.c.	(2-5)
2834-	3079 Miscellaneous plastics products	(over 2)
2834-	3842 Surgical appliances and supplies	(20-50)

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Value of shipments including interplant transfers (million dollars)	
		1967	1963
2831- --	BIOLOGICAL PRODUCTS, TOTAL	220.6	[1]167.3
	Biological products for human use, total	167.1	[1]125.3
28311 11	Blood and blood derivatives for human use	35.9	(NA)
28312 11	Vaccines and antigens for human use	36.6	(NA)
28313 11	Antitoxins, toxoids, and toxins for immunization, and therapeutic immune serums, for human use	12.7	(NA)
28314 11	Diagnostic substances and other biologics, including allergenic extracts, poison ivy and poison oak extracts, etc., for human use	81.9	(NA)
28315 --	Biological preparations for veterinary use	47.9	[1]40.7
28315 13	Vaccines and viruses	34.1	(NA)
28315 23	Bacterins and mixed bacterins	5.1	(NA)
28315 33	Serums	5.9	(NA)
28315 98	Other biologics, including antitoxins, toxoids, and diagonostics	2.7	(NA)
28310 00	Biological products, n.s.k. (For companies with 10 or more employees. See Note.)	3.6	1.3
28310 02	Biological products, n.s.k. (For companies with less than 10 employees. See Note.)	2.1	
2833- --	MEDICINALS AND BOTANICALS, TOTAL	593.8	434.0
28331 --	Synthetic organic medicinal chemicals in bulk, total[2]	503.7	367.8
28331 10	Antibiotics, in bulk	191.6	127.7
28331 20	Other synthetic organic medicinal chemicals, in bulk, except antibiotics	312.1	240.2
28332 --	Other medicinal chemicals and botanical products, in bulk, n.e.c. total	80.1	64.7
28332 13	Botanical drugs and derivatives, in bulk (uncompounded)	21.0	21.3
28332 21	Naturally occuring vitamins (from yeast, plants, fish liver, etc.) in bulk	10.9	12.3
28332 41	Drugs of animal origin, in bulk, including dried glands and other animal organs and tissue and extractions thereof	9.2	9.1
28332 61	Other organic medicinal chemicals, in bulk	32.4	14.5
28332 81	Inorganic medicinal chemicals, in bulk	5.5	5.8
28332 00	Other medicinal chemicals and botanical products, n.e.c., (bulk), n.s.k.	1.1	1.7
28330 00	Medicinal chemicals and botanical products, n.s.k. (For companies with 10 or more employees. See Note.)	8.4	1.5
28330 02	Medicinal chemicals and botanical products, n.s.k. (For companies with less than 10 employees. See Note.)	1.6	

Product code	Product	1967				1963			
		Total (million dollars)	Domestic shipments: Ethical (million dollars)	Domestic shipments: Proprietary (million dollars)	Export shipments including those to foreign subsidiaries (million dollars)	Total (million dollars)	Domestic shipments: Ethical (million dollars)	Domestic shipments: Proprietary (million dollars)	Export shipments including those to foreign subsidiaries (million dollars)
2834- --	PHARMACEUTICAL PREPARATIONS:								
	As reported in the census of manufactures[3]	4,139.7	(NA)	(NA)	(NA)	3,000.2	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports MA-28G[3]	4,140.0	2,942.5	1,082.0	115.5	2,993.1	2,054.9	836.2	102.0
28341 --	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic diseases, for human use:								
	As reported in the census of manufactures[3]	420.2	(NA)	(NA)	(NA)	259.1	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports MA-28G[3]	442.2	427.6	(X)	14.7	274.2	261.7	(X)	12.6
	Hormones and synthetic substitutes, total	416.3	(X)	(X)	(X)	264.6	(*)	(*)	(*)
	Corticoids:								
28341 11	Systemic	74.7	69.7	(X)	5.0	62.9	58.0	(X)	4.8
28341 15	Local and topical, including anti-infective combinations	55.5	53.8	(X)	1.7	43.2	39.8	(X)	3.4
28341 17	Androgens	6.1	(D)	(X)	(D)	3.7	3.7	(X)	0.1
28341 19	Estrogens	41.2	40.2	(X)	1.0	19.2	18.4	(X)	7.8
28341 21	Insulin and antidiabetic agents	97.0	95.9	(X)	1.1	([4])	([4])	(X)	([4])
28341 25	ACTH	4.3	(D)	(X)	(D)	5.5	(D)	(X)	(D)
	Progestogens (excluding premenstrual tension preps. See Code 2834585):								
28341 27	Oral contraceptive preparations	103.5	102.7	(X)	0.8	37.7	37.2	(X)	0.5
28341 29	Other	6.0	5.8	(X)	0.1				

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967				1963			
		Total (million dollars)	Domestic shipments: Ethical (million dollars)	Domestic shipments: Proprietary (million dollars)	Export shipments including those to foreign subsidiaries (million dollars)	Total (million dollars)	Domestic shipments: Ethical (million dollars)	Domestic shipments: Proprietary (million dollars)	Export shipments including those to foreign subsidiaries (million dollars)
	PHARMACEUTICAL PREPARATIONS--Continued								
	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic diseases, for human use--Continued								
	As reported in Current Industrial Reports MA-28G[1]--Con.								
28341 31	Sex hormone combinations (except progestogen combinations)	6.8	6.7	(X)	0.1	4.6	4.6	(X)	0.1
28341 35	Thyroid and antithyroid preparations, including iodides	14.0	13.9	(X)	0.1	8.8	8.7	(X)	0.1
28341 37	Anabolic agents	5.1	5.0	(X)	0.1	5.6	(D)	(X)	(D)
28341 39	Other hormone preparations	2.1	(D)	(X)	(D)	[4]67.9	[4]66.8	(X)	[4]1.1
	Antineoplastic agents:								
28341 43	Radioactive isotopes for internal use	16.1	14.5	(X)	1.5	2.3	(D)	(X)	(D)
28341 45	Specific antineoplastic agents					3.2	2.6	(X)	5.6
28341 98	Other pharmaceutical preparations affecting neoplasms, the endocrine system and metabolic diseases	9.8	(D)	(X)	(D)	9.6	8.8	(X)	828
28341 00	Pharmaceutical preparations affecting neoplasms, endocrine system, and metabolic diseases, for human use, n.s.k								
28342 --	Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use:								
	As reported in the census of manufactures[1]	1,137.1	(NA)	(NA)	(NA)	755.8	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports MA-28G[1]	1,132.0	793.0	325.8	13.2	751.6	484.9	254.0	12.8
28342 11	Parasympathomimetic agents (except miotics and mydriatics)	([5])	([5])	(X)	(X)	([5])	([5])	(X)	([5])
28342 13	Skeletal muscle relaxants	21.8	21.4	(X)	0.5	20.1	19.5	(X)	0.5
	Internal analgesics and antipyretics:								
28342 21	Narcotic	40.3	40.2	(X)	0.1	32.1	32.0	(X)	0.1
	Nonnarcotic, total	449.4	(*)	(*)	(*)	302.7	(*)	(*)	(*)
28342 23	Salicylates, including acetylsalicylic acid	87.2	4.0	82.6	0.6	71.1	5.3	66.0	0.3
28342 25	Aspirin combinations	170.5	(D)	141.8	(D)	133.5	13.9	118.3	1.2
28342 27	Anti-arthritics (nonhormonal)	191.7	(D)	(D)	(D)	8.5	7.8	7.2	(Z)
28342 29	Other internal analgesics and antipyretics, including effervescent types, and suppositories					89.7	(D)	(D)	(D)
28342 41	Anticonvulsants, except phenobarbital	15.1	(D)	(X)	(D)	11.0	10.8	(X)	0.2
	Psychotherapeutic agents:								
28342 51	Antidepressants	45.0	44.8	(X)	0.3	19.0	18.3	(X)	0.6
	Tranquilizers:								
28342 55	Phenothiazine derivatives	116.0	115.1	(X)	0.9	86.7	85.5	(X)	1.2
28342 57	Other tranquilizers	205.5	204.0	(X)	1.4	110.4	108.7	(X)	1.7
28342 59	Other psychotherapeutic agents	0.7	(D)	(X)	(D)	0.9	(D)	(X)	(D)
	Central nervous system (CNS) stimulants (respiratory and cerebral stimulants, including sympathomimetic agents employed mainly as CNS stimulants) (excluding nondrug dietaries for weight control):								
28342 61	Amphetamines	56.4	55.8	(X)	0.6	48.6	48.1	(X)	0.5
28342 63	Anorexiants, except amphetamines	23.6	22.4	(D)	(D)	10.5	9.5	(D)	(D)
28342 69	Other CNS stimulants	0.4	0.4	0.0	(X)	-	-	-	-
	Sedatives and hypnotics:								
	Ethical:								
28342 71	Barbiturates	25.4	25.1	(X)	0.3	25.6	24.9	(X)	0.5
28342 75	Nonbarbiturates	17.3	17.1	(X)	0.2	12.6	12.6	(X)	0.1
	Proprietary preparations:								
28342 77	Sleep inducers	14.9	(X)	(D)	(D)	9.4	(X)	(D)	(D)
28342 79	Calming agents	3.2	(X)	(D)	(D)	2.3	(X)	(D)	(D)
	Anesthetics (except urinary tract anesthetics and skin preparations used as antipruritics):								
28342 81	Local and topical	15.9	15.2	0.4	0.4	14.8	14.0	0.3	0.4
28342 85	General	31.5	(D)	(D)	0.7	17.5	16.4	(D)	(D)
	Eye and ear preparations (excluding anti-infectives, corticoids, and antibacterials and antiseptics):								
28342 91	Mydriatics and miotics	9.5	8.7	0.1	0.8	6.0	5.6	0.1	0.3
28342 95	Other eye and ear preparations, including contact lens solutions	19.1	5.3	13.3	0.6	8.0	2.6	5.0	0.3

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967				1963			
		Total	Domestic shipments		Export shipments including those to foreign subsidiaries	Total	Domestic shipments		Export shipments including those to foreign subsidiaries
			Ethical	Proprietary			Ethical	Proprietary	
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
	PHARMACEUTICAL PREPARATIONS--Continued								
	Pharmaceutical preparations acting on central nervous system and the sense organs, for human use--Continued As reported in Current Industrial Reports MA-28G--Con.								
28342 98	Other pharmaceutical preparations acting on the central nervous system and the sense organs.....	[5]22.5	[5]17.0	[5]4.9	[5]0.6	[5]13.4	[5]10.9	[5]2.5	[5]0.2
28342 00	Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use, n.s.k.....								
28343 --	Pharmaceutical preparations acting on the cardiovascular system, for human use:								
	As reported in the census of manufactures[3].....	207.5	(NA)	(NA)	(NA)	143.6	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports MA-28G[3].....	214.0	211.2	(X)	2.7	148.7	144.8	(X)	4.0
28343 11	Anticoagulants.....	12.1	12.0	(X)	(Z)	8.7	8.6	(X)	0.1
28343 21	Hemostatics.....	6.5	6.2	(X)	0.3	6.5	6.3	(X)	0.2
28343 31	Digitalis preparations.....	7.4	7.3	(X)	(Z)	5.6	5.5	(X)	0.1
	Hypotensives, total.....	103.5	(*)	(X)	(*)	77.1	(*)	(X)	(*)
28343 41	Rauwolfia-diuretic combinations.....	51.2	51.1	(X)	0.1	37.6	(D)	(X)	(D)
28343 45	Rauwolfia.....	12.7	12.7	(X)	0.0	16.6	16.5	(X)	0.1
28343 49	Other hypotensives.....	39.6	(D)	(X)	(D)	22.9	(D)	(X)	(D)
	Vasodilators:								
28343 51	Coronary.....	44.3	43.3	(X)	0.9	24.3	23.4	(X)	0.9
28343 55	Peripheral.....	19.3	19.1	(X)	0.2	10.8	10.4	(X)	0.4
28343 98	Other pharmaceutical preparations acting on the cardiovascular system, including vasopressors, antiarrhythmics, and antiheparin agents.....	20.0	19.4	(X)	0.6	15.8	(D)	(X)	(D)
28343 00	Pharmaceutical preparations acting on the cardiovascular system, for human use, n.s.k.....	0.9	(D)	(X)	(D)				
28344 --	Pharmaceutical preparations acting on the respiratory system, for human use:								
	As reported in the census of manufactures[3].....	361.4	(NA)	(NA)	(NA)	283.1	(D)	(NA)	(NA)
	As reported in Current Industrial Reports MA-28G[3].....	364.6	203.5	153.6	7.4	298.4	152.4	140.6	5.4
28344 11	Antihistamines, except cold preparations and anti-emetics.....	32.7	28.2	(D)	(D)	33.5	28.2	(D)	(D)
28344 15	Bronchial dilators, including antiasthmatics.....	41.7	38.3	2.8	0.6	24.7	24.0	(X)	0.7
	Cough preparations and expectorants (containing antitussive or other ingredient intended primarily to treat cough only):								
	Ethical preparations:								
28344 21	Narcotic.....	27.4	27.1	(X)	0.3	22.6	22.4	(X)	0.2
28344 25	Nonnarcotic.....	15.9	15.7	(X)	0.2	13.8	13.7	(X)	0.2
	Cold preparations (containing combinations of the following ingredients, (but no antitussive) nasal decongentant, antihistamine, analgesic, bioflavanoid or antibiotic):								
	Ethical preparations, total.....	78.9	(*)	(X)	(*)	52.1	(*)	(X)	(*)
28344 31	Nasal decongestants.....	52.5	52.0	(X)	0.5	32.5	32.3	(X)	0.3
28344 35	Antihistamine cold preparations.....	17.8	(D)	(X)	(D)	12.8	(D)	(X)	(D)
28344 39	Other ethical cold preparations.....	8.6	(D)	(X)	(D)	6.8	6.7	(X)	0.2
28344 41	Cough and cold combinations (ethical).....	7.3	7.2	(X)	0.1	4.8	(D)	(X)	(D)
	Cough and cold preparations (proprietary), total.....	148.3	(X)	(*)	(*)	138.1	(*)	(X)	(*)
	Decongestants (including corticoid decongestants):								
28344 51	Nasal sprays.....	17.1	(X)	17.0	0.1	11.6	(X)	11.5	0.1
28344 55	Nose drops.....	3.3	(X)	3.2	0.1	5.0	(X)	4.9	0.1
28344 59	Other decongestants.....	6.4	(X)	6.1	0.3	8.2	(X)	(D)	(D)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967				1963			
		Total	Domestic shipments		Export shipments including those to foreign subsidiaries	Total	Domestic shipments		Export shipments including those to foreign subsidiaries
			Ethical	Proprietary			Ethical	Proprietary	
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
	PHARMACEUTICAL PREPARATIONS--Continued								
	Pharmaceutical preparations acting on the respiratory system, for human use--Continued								
	As reported in Current Industrial Reports MA28G[1]--Con.								
28344 61	Cough syrups	44.5	(X)	43.7	0.8	42.2	(X)	41.7	0.5
28344 63	Capsules and tablets	38.3	(X)	38.1	0.2	36.8	(X)	36.6	0.2
38344 65	Lozenges	14.8	(X)	(D)	(D)	12.2	(X)	12.0	0.2
28344 67	Topical preparations	0.9	(X)	(D)	(D)	0.7	(X)	(D)	(D)
28344 71	Cough drops[6]	23.1	(X)	(D)	(D)	3.2	(X)	(D)	(D)
28344 79	Other proprietary cough and cold preparations					18.2	(X)	(D)	(D)
28344 98	Other parmaceutical preparations acting on the respiratory system	10.5	9.1	1.1	0.3	9.2	8.4	0.8	0.1
28344 00	Pharmaceutical preparations acting on the respiratory system, for human use, n.s.k	1.9	(D)	(D)	(D)				
28345 --	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use:								
	As reported in the census of manufactures[3]	552.1	(NA)	(NA)	(NA)	402.8	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports MA-28G[3]	551.5	392.2	145.7	13.6	410.9	283.4	118.0	9.5
	Digestive system preparations:								
28345 11	Enzymes	13.5	12.1	0.1	1.3	10.8	10.2	0.2	0.4
28345 15	Antacids, including acid neutralizing products with coating functions, but excluding effervescent salicylate products classified as analgesics	137.3	68.9	64.5	3.9	101.1	50.8	48.8	1.5
28345 19	Antidiarrheals	41.3	16.5	(D)	(D)	27.6	(D)	(D)	0.7
	Laxatives, total	79.0	(*)	(*)	(*)	64.7	(*)	(*)	(*)
28345 21	Irritants	29.8	9.1	20.1	0.6	27.8	7.5	19.9	0.5
28345 23	Bulk producing	21.5	(D)	(D)	0.2	12.5	8.8	3.5	0.2
28345 25	Fecal softeners	10.0	8.2	(D)	(D)	8.1	5.0	3.0	0.2
28345 27	Emollients	3.9	(D)	3.4	(D)	3.0	(D)	2.3	(D)
28345 28	Saline	8.6	(D)	7.8	(D)	9.0	(D)	8.1	(D)
28345 29	Enema specialties	5.2	(D)	(D)	(Z)	4.3	(D)	(D)	(D)
28345 31	Digestants	1.2	1.1	(D)	(D)	1.3	1.1	0.2	(Z)
28345 33	Bile therapy preparations, including bile products, choleretics and cholagogues	4.2	4.0	0.1	0.1	5.3	5.0	0.1	0.1
28345 35	Antinauseants-motion sickness remedies (anti-emetics), including antihistaminic anti-emetic preparations	24.6	24.3	0.1	0.2	18.1	17.4	(D)	(D)
28345 37	Lipotropics and cholesterol reducers	6.3	6.0	(D)	(D)	4.9	4.6	0.1	0.2
	Antispasmodics and anticholinergics, total	66.4	(*)	(*)	(*)	55.5	(*)	(*)	(*)
28345 41	Synthetics	22.9	(D)	(X)	(D)	20.3	19.1	(X)	1.2
28345 43	Ataractic combinations	22.4	22.3	(X)	(Z)	16.8	16.6	(X)	0.1
28345 45	Belladonna and derivatives	15.0	14.8	(D)	(D)	13.3	13.0	(Z)	0.2
28345 49	Other antispasmodics and anticholinergics	6.1	6.0	(Z)	(Z)	5.2	5.0	(D)	(D)
28345 59	Other digestive system preparations, including emetics	4.2	4.1	(D)	(D)	3.2	3.0	0.2	(Z)
	Genito-urinary preparations:								
28345 61	Urinary antibacterials and antiseptics	34.7	34.1	(D)	(D)	20.9	20.3	(Z)	0.5
	Diuretics (Excludes aminophylline, xanthine and rauwolfia-diuretic combinations. See cardiovasular preparations):								
28345 71	Thiazides and related agents	57.0	56.9	(D)	(D)	48.0	47.1	(D)	(D)
28345 73	Other diuretics	37.7	34.8	(D)	(D)	10.2	7.6	1.4	1.1
28345 81	Oxytocics	2.9	2.7	(X)	0.2	3.5	3.2	(X)	0.2
28345 83	Contraceptive agents, except oral contraceptives (aerosols, gels, and creams)	11.3	(D)	(D)	0.5	11.7	(D)	(D)	0.3
28345 85	Premenstrual tension preparations	4.6	(D)	2.9	(D)	3.8	1.5	(D)	(D)
28345 87	Vaginal cleaners	12.2	(D)	7.8	(D)	8.4	(D)	5.6	(D)
28345 98	Other pharmaceutical preparations acting on the genito-urinary system, including urinary tract anesthetics	12.0	11.1	0.3	0.6	9.5	9.2	0.2	0.1
28345 00	Pharmaceutical preparations acting on the digestive or the genito-urinary systems, for human use, n.s.k	1.3	0.5	(D)	(D)	2.5	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967				1963			
		Total	Domestic shipments		Export shipments including those to foreign subsidiaries	Total	Domestic shipments		Export shipments including those to foreign subsidiaries
			Ethical	Proprietary			Ethical	Proprietary	
		(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars	(million dollars)	(million dollars)
	PHARMACEUTICAL PREPARATIONS--Continued								
28346 --	Pharmaceutical preparations acting on the skin for human use:								
	As reported in the census of manufactures[3]	229.1	(NA)	(NA)	(NA)	160.3	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports MA-28G[3]	225.9	84.9	137.1	3.9	171.9	64.0	105.7	2.2
	Dermatological preparations, total	146.6	(*)	(*)	(*)	94.1	(*)	(*)	(*)
28346 11	Emollients and protectives, including burn remedies and ointment bases	48.7	8.7	39.5	0.5	31.5	5.2	26.0	0.3
28345 13	Antipruritics and local anesthetic skin preparations	22.3	12.5	9.1	0.7	17.5	11.0	6.2	0.3
28346 15	Coal tar, sulfur, and resorcinol preparations	6.1	(D)	4.4	(D)	5.2	(D)	(D)	(Z)
28346 17	Anti-acne and antiseborrheic preparations	24.2	9.0	14.6	0.5	9.5	5.6	3.7	0.2
28345 19	Other dermatological preparations	45.3	35.2	9.3	0.8	30.4	22.3	7.7	0.4
28346 21	Hemorrhoidal preparations	27.2	(D)	19.2	(D)	18.9	6.6	12.2	0.2
	External analgesics and counterirritants, total	41.2	(*)	(*)	(*)	44.6	(*)	(*)	(*)
28346 31	Ointments, jellies, pastes, creams, cerates, and salves	14.4	2.5	11.8	0.1	23.0	2.2	20.4	0.3
28346 35	Liquid (excluding rubbing alcohol but including linaments)	13.0	1.1	11.8	0.1	11.2	0.8	10.2	0.2
28346 37	Rubbing alcohol	9.9	(D)	(D)	(Z)	7.4	1.6	5.8	(Z)
28346 39	Other external analgesics	3.8	(D)	(D)	(D)	3.1	(D)	(D)	(D)
28346 98	Other pharmaceutical preparations acting on the skin	9.0	3.5	4.9	0.6	11.2	(D)	7.5	(D)
28346 00	Pharmaceutical preparations acting on the skin, for human use, n.s.k	1.8	(D)	1.7	(D)	3.0	(D)	(D)	-
28347 --	Vitamin, nutrient and hematinic preparations for human uses:								
	As reported in the census of manufactures[3]	378.4	(NA)	(NA)	(NA)	340.8	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports MA-28G[3]	368.7	241.6	114.7	12.4	328.5	206.0	109.9	12.6
	Vitamins, total	204.1	(*)	(*)	(*)	202.8	(*)	(*)	(*)
28347 11	Multivitamins, plain and with minerals, except B complex vitamins and fish liver oils	106.7	48.0	55.6	3.1	107.3	42.4	61.6	3.0
28347 13	Pediatric vitamin preparations (drops, suspensions and chewable tablets)	36.2	21.6	13.4	1.1	43.0	27.7	14.1	1.2
28347 14	Prenatal vitamin preparations	10.8	9.8	0.5	0.4	13.9	12.2	0.9	0.8
28347 15	B complex preparations	25.0	22.0	2.5	0.6	22.1	17.9	2.9	1.3
28347 17	Fluoride preparations	}							
28347 19	All other vitamin preparations	26.0	16.2	8.1	1.7	16.6	9.2	6.6	0.8
28347 21	Fish liver oils (cod, etc.)	3.2	(D)	1.6	(D)	5.8	1.3	4.2	0.4
28347 31	Nutrients, excluding therapeutic dietary foods and infant formulas	6.0	4.2	(D)	(D)	5.4	4.3	0.9	0.3
28347 41	Tonics and alternatives	4.3	1.0	3.1	0.1	5.3	2.3	(D)	(D)
	Hematinics, total	58.8	(*)	(*)	(*)	55.2	(*)	(*)	(*)
	With B_{12}:								
28347 51	Oral	17.7	16.3	0.8	0.8	18.8	16.7	0.5	1.7
28347 53	Parenteral	6.7	6.4	(X)	0.3	8.7	8.1	(X)	0.5
	Other hematinics:								
28347 55	Oral	31.3	(D)	(D)	0.3	24.9	(D)	(D)	0.5
28347 57	Parenteral	3.0	2.7	(X)	0.3	2.8	2.4	(X)	0.4
28347 61	Hospital solutions (including dextran, etc., but excluding biologicals such as blood plasma)	73.1	72.0	(X)	1.1	42.5	(D)	(X)	(D)
28347 98	Other vitamin, nutrient and hematinic preparations	16.4	(D)	(D)	(D)	8.8	6.6	1.8	0.5
28347 00	Vitamin, nutrient and hematinic preparations for human use, n.s.k	2.2	1.3	(D)	(D)	2.8	(D)	(D)	

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967				1963			
		Total (million dollars)	Domestic shipments: Ethical (million dollars)	Domestic shipments: Proprietary (million dollars)	Export shipments including those to foreign subsidiaries (million dollars)	Total (million dollars)	Domestic shipments: Ethical (million dollars)	Domestic shipments: Proprietary (million dollars)	Export shipments including those to foreign subsidiaries (million dollars)
	PHARMACEUTICAL PREPARATIONS--Continued								
28348 --	Pharmaceutical preparations affecting parasitic and infective diseases, for human use:								
	As reported in census of manufactures[3]	664.5	(NA)	(NA)	(NA)	520.1	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports MA-28G[3]	697.6	530.9	122.1	44.6	496.9	398.2	58.3	40.4
	Anti-infective agents (Excludes corticoid-anti-infective combinations. See code 2834115):								
28348 11	Amebacides and trichomonacides	11.1	10.9	(X)	0.1	7.9	7.7	-	0.2
28348 15	Anthelmintics	5.7	(D)	(D)	0.4	5.0	(D)	(D)	0.5
	Systemic antibiotic preparations, total	452.4	(*)	(*)	(*)	331.5	(*)	(*)	(*)
28348 21	Broad and medium spectrum (single or in combinations with other antibiotics, except penicillins)	273.9	253.6	(X)	20.3	215.8	197.6	(X)	18.1
	Penicillins (single):								
28348 23	Injectable	51.8	45.0	(X)	6.8	25.5	21.7	(X)	3.8
28348 25	Other forms	99.1	(D)	(X)	(D)	45.4	43.7	(X)	1.7
28348 27	Penicillin-streptomycin and/or dihydrostreptomycin combinations	3.2	2.8	(X)	0.5	8.0	6.4	(X)	1.6
28348 29	Streptomycin and/or dihydrostreptomycin (single and combinations, except penicillin combinations)	3.3	(D)	(X)	(D)	7.1	(D)	(X)	(D)
28348 31	Antibiotics in combination with sulfonamides	6.9	(D)	(X)	(D)	7.8	(D)	(X)	(D)
28348 39	Other systemic antibiotic preparations	14.1	14.0	(X)	0.1	21.9	(D)	(X)	(D)
28348 41	Topical antibiotic preparations	14.1	10.0	3.5	0.6	17.3	13.1	(D)	(D)
	Tuberculostatic agents:								
28348 51	Izoniazid (isonicotinic acid hydrazide) preparations	1.0	(D)	(X)	(D)	1.2	(D)	(X)	(D)
28348 55	Other antituberculars	3.7	3.7	(X)	(Z)	3.1	(D)	(X)	(D)
28348 61	Antimalarials (plasmodicides)	6.6	(D)	0.1	(D)	3.5	(D)	(D)	(D)
28348 63	Sulfonamides, except antibiotic-sulfonamide combinations	32.5	32.1	-	0.5	38.8	37.6	-	1.2
28348 65	Antifungal preparations	28.7	18.2	9.0	1.5	17.6	10.5	5.7	1.4
28348 69	Other anti-infective agents	5.5	5.0	(D)	(D)	3.8	(D)	(D)	(D)
	Antibacterials and antiseptics:								
28348 71	General	16.1	7.0	8.7	0.4	12.7	5.9	6.5	0.3
28348 75	Mouth and throat preparations	116.9	(D)	99.2	(D)	52.0	(D)	(D)	0.7
28348 98	Other pharmaceutical preparations affecting parasitic and infective diseases	1.0	1.0	(Z)	(Z)	2.5	2.3	(D)	(D)
28348 00	Pharmaceutical preparations affecting parasitic and infective diseases, for human use, n.s.k.	2.3	(D)	(D)	(D)				
28349 --	Pharmaceutical preparations for veterinary use:								
	As reported in the census of manufactures[3]	135.4	(NA)	(NA)	(NA)	110.4	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports MA-28G[3]	142.0	56.7	82.5	2.8	104.9	53.3	49.0	2.6
28349 11	Anesthetics	0.8	(D)	-	(D)	0.4	0.4	(D)	(D)
28349 21	Anthelmintics	15.9	3.8	11.8	0.3	7.2	2.5	4.4	0.2
28349 23	Antibiotics	48.0	22.2	24.9	0.9	33.9	26.4	6.3	1.2
28349 25	Antiseptics, wound dressings and fungicides	4.5	2.9	1.5	0.1	4.6	2.3	2.2	0.2
28349 31	Hematinics	1.2	(D)	(D)	(D)	1.9	(D)	(D)	(Z)
28349 33	Hemostatics	0.2	0.1	(D)	(D)	0.2	(D)	(D)	(D)
28349 35	Hormones	4.9	3.5	(D)	(D)	4.0	3.2	(D)	(D)
28349 37	Intravenous solutions and electrolytes	2.3	1.9	0.3	0.1	2.3	1.8	359	0.1
28349 41	Nitrofurans	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
28349 43	Nutrients and tonics	5.0	3.2	1.7	(Z)	1.9	1.3	0.6	(Z)
28349 45	Parasiticides, external	8.2	1.5	6.6	0.1	3.3	1.3	2.0	(Z)
28349 47	Sulfonamides	10.1	4.3	5.5	0.3	8.7	4.2	4.3	0.3
28349 51	Tranquilizers and ataractics	1.2	(D)	(D)	(Z)	0.9	0.9	(D)	(D)
28349 55	Vitamins and minerals	18.4	4.1	13.5	0.8	17.0	2.8	13.8	0.3
28349 98	Other pharmaceutical preparations for veterinary use..	7 21.3	7 6.7	7 14.4	7 0.2	7 18.7	7 5.0	7 13.6	7 0.1
28349 00	Pharmaceutical preparations for veterinary use. n.s.k.								
	Pharmaceutical preparations, except biologicals, n.s.k..								
	As reported in the census of manufactures[3]:								
28340 02	Companies with less than 10 employees.(See Note.)	37.5	(NA)	(NA)	(NA)	24.3	(NA)	(NA)	(NA)
28340 00	Companies with 10 or more employees. (See Note.)	16.6	(NA)	(NA)	(NA)				
28340 00	As reported in Current Industrial Reports MA-28G[3]	1.6	1.0	0.4	0.1	6.5	6.0	0.5	-

See footnotes on next page.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Footnotes for Table 6A-28C.

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments are included in the code ending with "002" which is further discussed in the text. Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Definitions: Ethical-products primarily advertised or otherwise promoted to or prescribed by the health professions; medical, dental, pharmaceutical, nursing, etc. Proprietary-products primarily advertised or otherwise promoted to the general public.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than $50 thousand. *Ethical, proprietary and export totals for these product groupings are not being published in order to permit the maximum publication of detailed product data.

[1]A revision in the product structure of this industry was introduced in the 1967 Standard Industrial Classification so that the product statistics for the industry prior to 1967 are not directly comparable.

[2]Data on quantities produced and values shipped for many of the synthetic organic medicinal chemicals included in this grouping are shown in the United States Tariff Commission's annual report, "Synthetic Organic Chemicals, United States Production and Sales."

[3]1967 product detail appears in Current Industrial Reports Series M28G, "Pharaceutical Preparations, Except Biologicals." The variations between the two sets of figures are due primarily to the following reasons:

a. Use of different base for reporting value. Product class shipments of pharmaceutical preparations reported in the census of manufactures represent net sales value (total sales dollars, less discounts, allowances, and returns) f.o.b. plant. The value includes a profit (or loss) normally assigned to the manufacturing establishment to cover only those costs attributable to the establishment. For example, sales costs by separately maintained sales organizations are excluded. The data shown in Current Industrial Reports Series M28G, however, include value attributed by sales distribution, advertising, direct promotion, and research whether or not directly attributable to the establishment. In cases where manufacturing, distribution, and sales operations are consolidated for accounting purposes for the establishment, the two values are comparable.

b. Duplication--in order to avoid duplication of shipment figures, preparations shipped in bulk quantities which were repackaged at another location have been omitted from the commodity survey, but the shipments of the repackager have been included. The census figures also include the bulk shipments.

[4]Code 2834121 combined with 2834139 in 1963.

[5]Code 2834211 and code 2834200 combined with 2834298.

[6]Cough drops selling at retail for 10 cents or less per package are coded as primary to industry 2071, "Confectionery Products."

[7]Code 2834941 combined with codes 2834998 and 2834900.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
BLOOD AND BLOOD DERIVATIVES, FOR HUMAN USE (28311)		
United States	35.9	(NA)
Northeast Region	20.8	(NA)
Middle Atlantic Div.	20.8	(NA)
New York	CC	(NA)
New Jersey	EE	(NA)
Pennsylvania	BB	(NA)
North Central Region	2.3	(NA)
East North Central Div.	BB	(NA)
West Region	12.8	(NA)
Pacific Div.	EE	(NA)
California	EE	(NA)
VACCINES AND ANTIGENS, FOR HUMAN USE (28312)		
United States	36.6	(NA)
Northeast Region	19.3	(NA)
Middle Atlantic Div.	19.3	(NA)
New York	CC	(NA)
Pennsylvania	CC	(NA)
North Central Region	EE	(NA)
East North Central Div.	14.9	(NA)
Indiana	EE	(NA)
Michigan	BB	(NA)
West Region	AA	(NA)
Pacific Div.	AA	(NA)
California	AA	(NA)
ANTITOXINS, THERAPEUTIC IMMUNE SERUMS, HUMAN USE (28313)		
United States	12.7	(NA)
Northeast Region	2.9	(NA)
Middle Atlantic Div.	2.9	(NA)
New York	AA	(NA)
North Central Region	BB	(NA)
East North Central Div.	BB	(NA)
Indiana	BB	(NA)
Michigan	BB	(NA)
West Region	BB	(NA)
Pacific Div.	BB	(NA)
California	BB	(NA)
DIAGNOSTIC SUBSTANCES, OTHER BIOLOGICS, HUMAN USE (28314)		
United States	81.9	(NA)
Northeast Region	14.6	(NA)
Middle Atlantic Div.	13.7	(NA)
New York	7.8	(NA)
New Jersey	CC	(NA)
DIAGNOSTIC SUBSTANCES, OTHER BIOLOGICS, HUMAN USE (28314)--Con.		
North Central Region	FF	(NA)
East North Central Div.	FF	(NA)
Indiana	EE	(NA)
Michigan	CC	(NA)
West North Central Div.	AA	(NA)
Missouri	AA	(NA)
South Region	FF	(NA)
South Atlantic Div.	FF	(NA)
Maryland	EE	(NA)
Florida	CC	(NA)
West Region	EE	(NA)
Pacific Div.	EE	(NA)
California	EE	(NA)
BIOLOGICAL PREPARATIONS FOR VETERINARY USE (28315)		
United States	47.9	40.7
Northeast Region	5.2	5.8
Middle Atlantic Div.	5.0	(1)
New York	BB	(1)
New Jersey	AA	(1)
North Central Region	34.3	26.9
East North Central Div.	10.5	10.0
Indiana	CC	(1)
Illinois	AA	(1)
Wisconsin	BB	(1)
West North Central Div.	23.9	16.9
Iowa	8.9	4.7
Missouri	BB	(1)
Nebraska	6.2	5.3
Kansas	BB	1.8
South Region	CC	(1)
South Atlantic Div.	2.6	(1)
Delaware	AA	(1)
West South Central Div.	AA	(1)
Texas	AA	1.9
West Region	BB	(1)
Pacific Div.	BB	(1)
California	BB	(1)
SYNTHETIC ORGANIC MEDICINAL CHEMICALS, IN BULK (28331)		
United States	503.7	367.8
Northeast Region	261.5	189.3
New England Div.	FF	(1)
Rhode Island	BB	(1)
Connecticut	FF	(1)
Middle Atlantic Div.	GG	(D)
New York	63.6	56.9
New Jersey	133.9	98.1
Pennsylvania	FF	(1)
SYNTHETIC ORGANIC MEDICINAL CHEMICALS, IN BULK (28331)--Con.		
North Central Region	126.2	104.4
East North Central Div.	73.3	62.5
Ohio	BB	(1)
Indiana	FF	17.9
Illinois	12.9	(1)
Michigan	36.2	28.7
West North Central Div.	53.0	41.9
Missouri	GG	(1)
Nebraska	BB	(D)
South Region	105.1	70.6
South Atlantic Div.	GG	(1)
Virginia	FF	(1)
West Virginia	FF	(1)
Georgia	FF	(1)
East South Central Div.	EE	(1)
Kentucky	CC	(1)
Tennessee	BB	(1)
West South Central Div.	CC	(D)
Texas	CC	4.7
West Region	10.8	3.5
Pacific Div.	10.8	3.5
California	EE	(1)
MEDICINAL CHEMICALS BOTANICAL PRODUCTS, BULK, N.E.C. (28332)		
United States	80.1	64.7
Northeast Region	31.7	30.1
Middle Atlantic Div.	FF	(D)
New York	8.9	7.3
New Jersey	19.9	17.8
Pennsylvania	BB	(1)
North Central Region	33.8	27.9
East North Central Div.	23.7	19.2
Ohio	BB	(1)
Indiana	EE	(1)
Illinois	CC	9.9
West North Central Div.	10.1	8.7
Iowa	BB	(1)
Missouri	CC	(1)
Nebraska	AA	(D)
South Region	11.1	4.6
South Atlantic Div.	BB	(D)
Florida	AA	(1)
East South Central Div.	BB	(D)
Tennessee	BB	(1)
West South Central Div.	6.0	(D)
Arkansas	BB	(D)
Texas	BB	(D)
West Region	3.5	2.2
Pacific Div.	3.5	2.2
California	3.5	2.2

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
PHARMACEUTICAL PREPARATIONS--NEOPLASMS, ENDOCRINE, METABOLIC, HUMAN (28341)		
United States	420.2	259.1
Northeast Region	190.5	119.8
Middle Atlantic Div.	189.8	118.7
New York	91.6	44.7
New Jersey	GG	(1)
Pennsylvania	FF	(1)
North Central Region	220.9	132.8
East North Central Div.	218.8	(D)
Ohio	2.7	(1)
Indiana	GG	(1)
Illinois	54.7	(1)
Michigan	GG	(1)
West North Central Div.	2.2	(D)
Missouri	AA	(D)
South Region	5.4	4.5
South Atlantic Div.	AA	(D)
Virginia	AA	(D)
West South Central Div.	BB	(D)
Arkansas	BB	(D)
Texas	AA	(1)
West Region	3.3	2.0
Pacific Div.	BB	(D)
California	2.9	1.7
PHARMACEUTICAL PREPARATIONS--NERVOUS SYSTEM, SENSE ORGANS (HUMAN) (28342)		
United States	1,137.1	755.8
Northeast Region	823.2	510.4
New England Div.	19.6	14.5
Massachusetts	EE	(1)
Connecticut	BB	(1)
Middle Atlantic Div.	803.6	495.9
New York	146.7	84.3
New Jersey	359.5	233.4
Pennsylvania	297.4	178.2
North Central Region	240.8	191.3
East North Central Div.	232.0	183.1
Ohio	EE	(1)
Indiana	158.4	117.3
Illinois	38.1	39.7
Michigan	20.5	15.8
Wisconsin	BB	(D)
West North Central Div.	8.8	8.2
Missouri	7.7	6.7
South Region	61.1	48.4
South Atlantic Div.	40.0	34.1
Maryland	EE	(1)
Virginia	EE	(1)
West Virginia	BB	(1)
North Carolina	10.1	10.9
East South Central Div.	EE	9.0
Tennessee	EE	(1)
West South Central Div.	CC	5.3
Texas	CC	(1)
PHARMACEUTICAL PREPARATIONS--NERVOUS SYSTEM, SENSE ORGANS (HUMAN) (28342)--Con.		
West Region	12.0	5.8
Pacific Div.	EE	(D)
California	10.8	4.5
PHARMACEUTICAL PREPARATIONS--CARDIOVASCULAR SYSTEM (HUMAN USE) (28343)		
United States	207.5	143.6
Northeast Region	157.4	112.6
New England Div.	AA	.8
Massachusetts	AA	.8
Middle Atlantic Div.	GG	111.8
New York	EE	27.6
New Jersey	71.1	51.4
Pennsylvania	53.9	32.8
North Central Region	40.3	24.6
East North Central Div.	EE	(D)
Ohio	2.4	1.9
Indiana	CC	(1)
Illinois	14.7	11.2
Michigan	4.2	2.9
West North Central Div.	CC	(D)
Missouri	CC	(D)
South Region	6.1	2.8
South Atlantic Div.	BB	(D)
Virginia	AA	(D)
East South Central Div.	AA	(D)
Tennessee	AA	(1)
West South Central Div.	AA	(D)
Texas	AA	(D)
West Region	3.6	3.6
Pacific Div.	BB	(D)
California	3.1	2.9
PHARMACEUTICAL PREPARATIONS--RESPIRATORY SYSTEM (HUMAN USE) (28344)		
United States	361.4	283.1
Northeast Region	195.2	152.9
New England Div.	4.3	3.5
Connecticut	BB	(1)
Middle Atlantic Div.	190.9	149.3
New York	33.6	32.3
New Jersey	79.0	59.6
Pennsylvania	78.3	57.4
North Central Region	92.7	80.4
East North Central Div.	66.8	58.7
Ohio	AA	(1)
Indiana	31.9	24.7
Illinois	6.9	7.3
Michigan	24.9	23.2
West North Central Div.	25.8	21.6
Missouri	16.4	(1)
Nebraska	CC	(1)
PHARMACETEUTICAL PREPARATIONS--RESPIRATORY SYSTEM (HUMAN USE) (28344)--Con.		
South Region	65.8	44.0
South Atlantic Div.	GG	40.2
Virginia	FF	(1)
North Carolina	FF	(1)
Georgia	AA	(1)
East South Central Div.	BB	2.6
Tennessee	BB	(1)
West South Central Div.	AA	1.2
Texas	AA	(1)
West Region	7.7	5.9
Pacific Div.	7.7	(D)
California	CC	5.3
PHARMACEUTICAL PREPARATIONS--DIGESTIVE, GENITO-URINARY (HUMAN USE) (28345)		
United States	552.1	402.8
Northeast Region	317.3	239.7
New England Div.	14.7	11.3
Massachusetts	AA	(D)
Connecticut	EE	(D)
Middle Atlantic Div.	302.6	228.4
New York	121.2	84.4
New Jersey	88.4	75.8
Pennsylvania	93.1	68.3
North Central Region	158.2	115.9
East North Central Div.	136.0	99.3
Ohio	27.1	14.7
Indiana	12.7	12.5
Illinois	76.5	56.6
Michigan	EE	(D)
Wisconsin	CC	(D)
West North Central Div.	22.1	16.6
Missouri	20.9	15.6
South Region	50.9	36.1
South Atlantic Div.	23.9	14.6
Maryland	BB	(D)
Virginia	FF	(D)
East South Central Div.	26.5	20.4
Tennessee	EE	(D)
Mississippi	EE	(D)
West Region	25.8	11.1
Pacific Div.	25.4	(D)
California	24.9	10.1
PHARMACEUTICAL PREPARATIONS--SKIN PREPARATIONS (HUMAN USE) (28346)		
United States	229.1	160.3
Northeast Region	138.8	90.9
New England Div.	6.7	5.7
Massachusetts	BB	(D)
Connecticut	BB	(D)
Middle Atlantic Div.	132.1	85.1
New York	58.5	43.1
New Jersey	52.5	34.8
Pennsylvania	21.1	7.2

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
PHARMACEUTICAL PREPARATIONS--SKIN PREPARATIONS (HUMAN USE) (28346) --Con.		
North Central Region....	59.2	53.6
East North Central Div....	48.6	41.3
Ohio....	2.1	(D)
Indiana....	19.3	13.1
Illinois....	18.4	20.0
Michigan....	7.8	6.3
Wisconsin....	AA	(D)
West North Central Div....	10.6	12.2
Minnesota....	AA	(D)
Missouri....	CC	(D)
South Region....	28.8	13.8
South Atlantic Div....	9.5	2.8
Maryland....	BB	(D)
Virginia....	CC	(D)
East South Central Div....	14.5	8.7
Tennessee....	14.5	(D)
West South Central Div....	4.8	2.3
Texas....	4.8	(D)
West Region....	2.3	2.1
Pacific Div....	BB	(D)
California....	1.9	1.8
VITAMIN, NUTRIENT, HEMATINIC PREPARATIONS, (HUMAN USE) (28347)		
United States....	378.3	340.8
Northeast Region....	113.2	115.1
New England Div....	BB	(D)
Massachusetts....	1.2	1.2
Connecticut....	BB	(1)
Middle Atlantic Div....	GG	(D)
New York....	41.0	62.4
New Jersey....	55.4	31.9
Pennsylvania....	EE	(1)
North Central Region....	186.8	175.4
East North Central Div....	177.8	163.1
Ohio....	CC	(1)
Indiana....	67.5	63.6
Illinois....	55.6	44.9
Michigan....	45.1	44.5
Wisconsin....	BB	(1)
VITAMIN, NUTRIENT, HEMATINIC PREPARATIONS, HUMAN USE (28347)--Con.		
North Central Region--Con.		
West North Central Div....	8.9	12.3
Minnesota....	AA	3.0
Missouri....	CC	9.0
South Region....	50.4	28.2
South Atlantic Div....	FF	12.9
Virginia....	BB	(1)
South Carolina....	EE	(1)
Georgia....	CC	(1)
East South Central Div....	FF	14.0
Tennessee....	EE	(1)
Mississippi....	EE	(1)
West South Central Div..	2.0	1.3
Texas....	AA	(D)
West Region....	28.1	22.0
Pacific Div....	FF	(D)
Oregon....	AA	(1)
California....	26.5	20.4
PHARMACEUTICAL PREPARATIONS--PARASITIC, INFECTIVE DISEASES (HUMAN) (28348)		
United States....	664.5	520.1
Northeast Region....	408.7	341.1
New England Div....	BB	(D)
Connecticut....	BB	(1)
Middle Atlantic Div....	GG	(D)
New York....	220.6	209.4
New Jersey....	80.9	57.9
Pennsylvania....	GG	(1)
North Central Region....	245.3	173.2
East North Central Div....	221.3	(D)
Ohio....	FF	(1)
Indiana....	GG	(1)
Illinois....	FF	22.9
Michigan....	GG	87.6
West North Central Div....	4.6	(D)
Missouri....	AA	(1)
Nebraska....	BB	(D)
PHARMACEUTICAL PREPARATIONS--PARASITIC, INFECTIVE DISEASES (HUMAN) (28348)--Con.		
South Region....	4.2	4.5
South Atlantic Div....	AA	(D)
West South Central Div....	AA	(D)
Texas....	AA	1.5
West Region....	6.3	1.3
Pacific Div....	6.3	(D)
California....	BB	1.1
PHARMACEUTICAL PREPARATIONS FOR VETERINARY USE (28349)		
United States....	135.4	110.4
Northeast Region....	45.7	37.7
New England Div....	3.6	1.6
Massachusetts....	AA	(D)
Connecticut....	BB	(D)
Middle Atlantic Div....	42.1	36.1
New York....	15.5	16.0
New Jersey....	21.7	15.7
Pennsylvania....	5.0	4.4
North Central Region....	71.9	63.0
East North Central Div....	26.2	29.8
Ohio....	EE	(1)
Indiana....	3.9	4.0
Michigan....	CC	(1)
West North Central Div....	45.7	33.2
Iowa....	EE	14.3
Missouri....	11.5	11.8
Nebraska....	16.4	5.7
Kansas....	AA	(D)
South Region....	14.2	7.6
South Atlantic Div....	EE	(D)
Maryland....	BB	(D)
Virginia....	CC	(1)
East South Central Div....	AA	(D)
Tennessee....	AA	(D)
West South Central Div....	AA	(D)
West Region....	3.5	2.1
Mountain Div....	AA	(D)
Pacific Div....	2.5	(D)
California....	2.5	(1)

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0....	AA	$10.0 to $20.0....	EE
$2.0 to $5.0....	BB	$20.0 to $50.0....	FF
$5.0 to $10.0....	CC	$50.0 and over....	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2831-	Biological products	220.6	186.2	172.4	173.8	167.3	119.5	79.9	56.4
28311	Blood and blood derivatives for human use	35.9							
28312	Vaccines and antigens for human use	36.6							
28313	Antitoxins, toxoids, and toxins for immunization, and therapeutic immune serums, for human use	12.7	146.3	134.1	132.8	125.3	83.1	42.2	(NA)
28314	Diagnostic substances and other biologics, (including allergenic extracts, poison ivy and poison oak extracts, etc.) for human use	81.9							
28315	Biological preparations for veterinary use	47.9	38.9	37.4	39.8	40.7	35.5	36.0	(NA)
28310	Biological products, n.s.k.	5.7	1.0	1.0	1.1	1.3	0.9	1.7	1.0
2833-	Medicinals and botanicals	593.8	540.4	463.7	437.3	434.0	391.1	282.1	210.2
28331	Synthetic organic medicinal chemicals, in bulk	503.7	464.6	397.9	370.3	367.8	(NA)	(NA)	(NA)
28332	Other medicinal chemicals and botanical products, in bulk, n.e.c.	80.1	75.3	65.1	65.6	64.7	(NA)	(NA)	(NA)
28330	Medicinals and botanicals, n.s.k.	10.0	(0.6)	(0.7)	1.5	1.5	2.9	(NA)	(NA)
2834-	Pharmaceutical preparations	4,139.7	3.954.8	3,620.7	3,166.7	3,000.2	[2]2,344.6	[2]1,584.7	[2]867.1
28341	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic diseases for human use	420.2	370.5	330.9	295.2	259.1	(NA)	(NA)	(NA)
28342	Pharmaceutical preparations acting on the nervous system and the sense organs for human use	1,137.1	1,049.8	959.7	825.7	755.8	(NA)	(NA)	(NA)
28343	Pharmaceutical preparations acting on the cardio-vascular system for human use	207.5	184.8	172.8	155.0	143.6	(NA)	(NA)	(NA)
28344	Pharmaceutical preparations acting on the respi-ratory system for human use	361.4	351.9	325.8	285.2	283.1	(NA)	(NA)	(NA)
28345	Pharmaceutical preparations acting on the digestive or the genito-urinary system for human use	552.1	507.6	487.7	431.7	402.8	(NA)	(NA)	(NA)
28346	Pharmaceutical preparations acting on the skin, for human use	229.1	219.0	198.1	177.9	160.3	(NA)	(NA)	(NA)
28347	Vitamin, nutrient and hematinic preparations for human use	378.4	378.1	346.7	336.6	340.8	(NA)	(NA)	(NA)
28348	Pharmaceutical preparations affecting parasitic and infective diseases, for human use	664.5	719.4	643.0	528.2	520.1	(NA)	(NA)	(NA)
28349	Pharmaceutical preparations for veterinary use	135.4	159.4	140.4	106.7	110.4	87.7	85.8	30.4
28340	Pharmaceutical preparations, n.s.k.	54.1	14.3	15.5	24.5	24.3	49.8	26.5	23.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data.

[2]A major revision in the classification of products classified in industry 2834, Pharmaceutical Preparations, was introduced in 1963, and therefore, prior data, for the most part, are not comparable at the product class level.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Delivered cost (million dollars)	
		1967	1963
	INDUSTRY 2831.--BIOLOGICAL PRODUCTS		
	Materials, containers, and supplies, total	46.7	31.8
265011	Paperboard boxes containers	2.5	1.9
322102	Glass	3.0	3.2
970099	All other materials and components, parts, containers, and supplies consumed	32.2	24.3
976000	Materials, containers, and supplies, n.s.k.[1]	9.0	2.4
	INDUSTRY 2834.--PHARMACEUTICAL PREPARATIONS		
	Materials, containers, and supplies, total	902.8	670.9
283318	Antibiotics for human and veterinary use (excluding antibiotics for animal feed)	45.5	26.6
283317	Sulfa drugs, bulk	27.3	12.0
283301	Vitamins, natural and synthetic, bulk (excluding vitamins for animal feeds)	57.4	36.1
	Containers:		
265011	Paperboard boxes and containers	68.5	55.1
322102	Glass	86.1	73.0
340001	Metal	29.8	20.6
307940	Plastic	40.7	20.3
970099	All other materials and components, parts, containers, and supplies consumed	484.1	390.7
976000	Materials, containers, and supplies, n.s.k.[1]	63.4	36.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Industry		
			Biological products (SIC 2831)	Medicinals and Botanicals (SIC 2831)	Pharmaceutical preparations (SIC 2834)
	Cost of purchased fuels and electric energy, total....	Million dollars.	2.0	8.5	25.8
	Cost of purchased fuels, total.....	Million dollars.	.7	5.5	10.6
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	-	150.3	305.9
	Cost.....	Million dollars.	-	1.2	2.5
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	50.9	1,249.8	1,314.0
	Cost.....	Million dollars.	.2	3.4	3.5
291141	Distillate:				
	Quantity.....	1,000 barrels	27.8	1,047.6	226.0
	Cost.....	Million dollars.	.1	2.9	.8
291151	Residual:				
	Quantity.....	1,000 barrels...	23.1	202.5	1,088.0
	Cost.....	Million dollars.	.1	.5	2.7
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):				
	Quantity.....	Million cub. ft.	730.6	1,288.0	6,641.2
	Cost.....	Million dollars.	.4	.6	2.9
960011	Other fuels (gasoline, LPG, wood, etc.).....	Million dollars.	-	.2	1.1
	Fuels, NSK.....	Million dollars.	.1	.1	.6
	Purchased electric energy:				
	Quantity.....	Million kw-hrs..	95.3	316.7	1,474.2
	Cost.....	Million dollars.	1.3	3.0	15.2
	Quantity of electric energy generated less quantity sold.....	Million kw-hrs..	-	41.4	115.7
	Total energy used for heat and power[1].....	Million kw-hrs equivalent.....	505.2	4,204.4	9,126.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding in computer operations. See appendix, Explanation of Terms.

Standard notes: - Represent zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization–the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization–the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2831	BIOLOGICAL PRODUCTS										
	ENTIRE INDUSTRY	128	7.4	53.8	4.8	9.3	25.1	109.2	56.4	160.0	12.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	121	6.6	48.5	4.3	8.3	23.1	94.0	47.7	134.7	11.6
28311	BLOOD AND BLOOD DERIVATIVES, FOR HUMAN USE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28312	VACCINES AND ANTIGENS, FOR HUMAN USE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28313	ANTITOXINS, THERAPEUTIC IMMUNE SERUMS, HUMAN USE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28314	DIAGNOSTIC SUBSTANCES, OTHER BIOLOGICS, HUMAN USE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT	24	3.8	27.4	2.4	4.5	12.6	48.0	24.6	68.9	5.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28315	BIOLOGICAL PREPARATIONS FOR VETERINARY USE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	31	1.7	10.6	1.2	2.2	4.7	31.9	15.4	48.2	3.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	26	.9	5.0	.6	1.1	2.5	16.5	6.6	22.6	2.7
2833	MEDICINALS AND BOTANICALS										
	ENTIRE INDUSTRY	126	8.4	67.1	5.6	11.7	41.4	243.3	206.1	445.2	36.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	110	2.8	20.8	1.8	3.7	11.1	103.9	94.8	195.8	5.9
28331	SYNTHETIC ORGANIC MEDICINAL CHEMICALS, IN BULK (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	40	6.9	54.8	4.7	9.9	36.1	209.5	164.7	370.0	34.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	27	1.5	12.0	1.0	2.1	6.8	73.8	65.2	137.1	3.9
28332	MEDICINAL CHEM., BOTANICAL PROD., BULK, NEC (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	36	1.3	10.5	.7	1.4	4.4	30.2	37.8	68.0	1.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	26	.4	2.8	.2	.4	1.3	11.2	12.1	23.0	1.2
2834	PHARMACEUTICAL PREPARATIONS										
	ENTIRE INDUSTRY	875	102.0	821.4	55.2	107.2	338.6	3 720.4	1 013.7	4 696.4	169.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	815	80.2	665.2	42.8	83.3	271.2	2 914.6	765.4	3 652.5	122.2
28341	PHARM PREP--NEOPLASM, ENDOCRINE, METABOLIC, HUMAN (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	19	7.0	60.8	4.4	8.4	32.6	323.4	105.9	425.6	22.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	8	.1	.7	.1	.2	.4	6.1	1.7	7.7	.3
28342	PHARM PREP--NERVOUS SYSTEM, SENSE ORGANS (HUMAN) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	84	33.2	301.0	16.5	31.4	110.9	1 492.2	293.1	1 780.2	58.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	19	1.8	11.6	1.2	2.4	6.0	94.0	20.6	115.1	4.6
28343	PHARM PREP--CARDIOVASCULAR SYSTEM (HUMAN USE) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	13	2.9	24.6	1.0	1.8	5.5	94.7	20.0	114.2	3.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	4	.3	3.2	.1	.2	.5	10.5	3.0	13.5	.6
28344	PHARM PREP--RESPIRATORY SYSTEM (HUMAN USE) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	31	6.1	48.4	2.6	5.2	14.4	245.8	58.3	297.7	9.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28345	PHARM PREP--DIGESTIVE, GENITO-URINARY (HUMAN USE) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	49	8.8	69.1	3.6	7.1	21.5	318.8	84.0	400.5	8.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	23	2.3	18.9	1.1	2.2	6.6	96.7	22.5	118.6	1.8
28346	PHARM PREP--SKIN PREPARATIONS (HUMAN USE) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	57	5.6	36.1	3.2	6.4	16.0	187.9	74.8	261.9	10.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	27	.5	2.8	.4	.6	1.3	10.9	5.2	16.0	.2
28347	VITAMIN, NUTRIENT, HEMATINIC PREP., HUMAN USE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	85	14.9	102.8	8.7	17.7	45.9	327.9	133.8	451.0	19.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	26	1.2	7.0	.8	1.8	4.2	17.5	16.4	33.5	1.0
28348	PHARM PREP--PARASITIC, INFECTIVE DISEASES (HUMAN) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	18	17.2	142.0	11.2	21.6	75.0	573.0	173.8	740.6	23.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28349	PHARMACEUTICAL PREPARATIONS FOR VETERINARY USE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	40	2.3	15.6	1.2	2.4	5.8	52.1	33.9	85.1	1.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	30	1.7	11.3	.8	1.7	3.9	33.0	24.2	56.2	1.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

SOAP, CLEANERS, AND TOILET GOODS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2841--Soap and Other Detergents, Except Specialty Cleaners
2842--Specialty Cleaning, Polishing, and Sanitation Preparations, Except Soap and Detergents
2843--Surface Active Agents, Finishing Agents, Sulfonated Oils and Assistants
2844--Perfumes, Cosmetics, and Other Toilet Preparations

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2841--SOAP AND OTHER DETERGENTS, EXCEPT SPECIALTY CLEANERS

This industry comprises establishments primarily engaged in manufacturing soap, synthetic organic detergents, inorganic alkaline detergents, or any combination thereof, and establishments producing crude and refined glycerin from vegetable and animal fats and oils. Establishments primarily engaged in manufacturing shampoos or shaving products, whether from soap or synthetic detergents, are classified in industry 2844; and synthetic glycerin in industry 2818. For a detailed list of products of industry 2841, refer to table 6A, product codes 2841111 to 2841653.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Soap and Other Detergents Industry in 1967 totaled $2,593.4 million. This included shipments of soap and other detergents (primary products), valued at $1,990.2 million, shipments of other products (secondary products) valued at $405.7 million, and miscellaneous receipts of $197.5 million.

This industry's shipments of soap and other detergents (primary products) in 1967 represented 83 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 82 percent. Secondary products shipped by this industry in 1967 consisted mainly of polishes and sanitation goods ($103.5 million), and toilet preparations ($135.9 million).

Industry 2841 shipments of soap and other detergents (primary products) in 1967 represented 90 percent (coverage ratio) of these products valued at $2,200.8 million shipped by all industries. In 1963, the coverage ratio was 92 percent. Other industries shipping soap and other detergents (primary products) consisted mainly of industry 2842, Polishes and Sanitation Goods, $83.4 million; industry 2819, Industrial Inorganic Chemicals, N.E.C., $31.4 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2841, these establishments accounted for approximately 1.0 percent of payroll and 0.5 percent value added by manufacture.

2842--SPECIALTY CLEANING, POLISHING AND SANITATION PREPARATIONS, EXCEPT SOAP AND DETERGENTS

This industry comprises establishments primarily engaged in manufacturing furniture, metal, and other polishes; waxes and dressings for fabricated leather and other materials; household, institutional and industrial plant disinfectants, deodorants and exterminating products; dry cleaning preparations; and other sanitation preparations. For a detailed list of products of industry 2842, refer to table 6A, product codes 2842112 to 2842498.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Polishes and Sanitation Goods Industry in 1967 totaled $1,108.0 million. This included shipments of polishes and sanitation goods (primary products), valued at $810.4 million, shipments of other products (secondary products) valued at $199.5 million, and miscellaneous receipts of $98.1 million.

This industry's shipments of polishes and sanitation goods (primary products) in 1967 represented 80 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 82 percent. Secondary products shipped by this industry in 1967 consisted mainly of soap and other detergents ($83.4 million), and toilet preparations ($40.0 million).

Industry 2842 shipments of polishes and sanitation goods (primary products) in 1967 represented 75 percent (coverage ratio) of these products valued at $1,077.4 million shipped by all industries. In 1963, the coverage ratio was 72 percent. Other industries shipping polishes and sanitation goods (primary products) consisted mainly of industry 2842, Soap and Other Detergents, $103.5 million; and industry 2844, Toilet Preparations, $27.2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2842, these establishments accounted for approximately 3.5 percent of payroll and 2.5 percent value added by manufacture.

2843--SURFACE ACTIVE AGENTS, FINISHING AGENTS, AND SULFONATED OILS AND ASSISTANTS

This industry comprises establishments primarily engaged in producing surface active preparations for use as wetting agents, emulsifiers, and penetrants. Establishments engaged in producing sulfonated oils and fats and related products are also included. For a detailed list of products of industry 2843, refer to table 6A, product codes 2843011 to 2843091.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Surface Active Agents Industry in 1967 totaled $294.2 million. This included shipments of surface active agents (primary products), valued at $219.1 million, shipments of other products (secondary products) valued at $59.2 million, and miscellaneous receipts of $15.9 million.

This industry's shipments of surface active agents (primary products) in 1967 represented 79 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 80 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial organic chemicals, n.e.c. ($23.9 million), and plastics materials and resins ($8.1 million).

Industry 2843 shipments of surface active agents (primary products) in 1967 represented 54 percent (coverage ratio) of these products valued at $403.2 million shipped by all industries. In 1963, the coverage ratio was 47 percent. Other industries shipping surface active agents (primary products) consisted mainly of industry 2818, Industrial Organic Chemicals, N.E.C., $49.1 million; industry 2841, Soap and Other Detergents, $33.2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2843, these establishments accounted for approximately 1.0 percent of payroll and 1.0 percent value added by manufacture.

2844--PERFUMES, COSMETICS AND OTHER TOILET PREPARATIONS

This industry comprises establishments primarily engaged in manufacturing perfumes (natural and synthetic), cosmetics, and other toilet preparations. This industry also includes establishments primarily engaged in blending and compounding perfume bases; and those manufacturing shampoos and shaving products, whether from soap or synthetic detergents. Establishments primarily engaged in manufacturing synthetic perfume and flavoring materials are classified in industry 2818, and essential oils in industry 2899. For a detailed list of products of industry 2844, refer to table 6A, product codes 2844133 to 2844598.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Toilet Preparations Industry in 1967 totaled $2,515.6 million. This included shipments of toilet preparations (primary products), valued at $2,247.3 million, shipments of other products (secondary products) valued at $137.9 million, and miscellaneous receipts of $130.4 million.

This industry's shipments of toilet preparations (primary products) in 1967 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 91 percent. Secondary products shipped by this industry in 1967 consisted mainly of pharmaceutical preparations ($38.1 million), and soap and other detergents ($20.5 million).

Industry 2844 shipments of toilet preparations (primary products) in 1967 represented 80 percent (coverage ratio) of these products valued at $2,794.2 million shipped by all industries. In 1963, the coverage ratio was 84 percent. Other industries shipping toilet preparations (primary products) consisted mainly of industry 2834, Pharmaceutical Preparations, $222.1 million; and industry 2841, Soap and Other Detergents, $135.9 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2844, these establishments accounted for approximately 1.0 percent of payroll and 0.6 percent value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2841.--SOAP AND OTHER DETERGENTS														
1967 Census....	668	207	30.3	243.0	20.2	40.1	145.3	1,403.7	1,202.0	2,593.4	48.1	250.5	83	90
1966 ASM[1].....	(NA)	(NA)	28.8	221.5	19.1	39.4	133.1	1,296.9	1,110.0	2,395.9	31.2	226.9	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	30.0	218.3	19.8	40.0	128.0	1,219.5	1,063.7	2,285.7	36.6	206.9	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	31.7	226.0	20.7	42.0	133.3	1,206.7	1,030.8	2,227.8	28.2	210.6	(NA)	(NA)
1963 Census....	704	172	30.8	214.1	20.1	41.0	127.6	1,137.4	990.5	2,127.8	44.1	195.2	82	92
1962 ASM[1].....	(NA)	(NA)	31.1	213.2	19.6	39.8	122.7	1,068.1	929.1	1,996.2	44.8	191.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	31.3	207.7	19.4	39.1	115.9	1,015.9	896.3	1,900.7	30.6	197.5	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	30.7	197.8	19.0	37.9	109.3	952.9	872.7	1,815.4	26.9	184.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	30.1	188.3	18.5	36.9	103.1	949.4	814.9	1,827.9	*27.0	165.0	(NA)	(NA)
1958 Census[2]...	608	163	29.6	181.5	18.2	36.8	97.3	857.6	747.8	1,605.9	17.8	160.2	86	91
INDUSTRY 2842.--POLISHES AND SANITATION GOODS														
1967 Census....	1,004	203	19.4	128.7	11.8	22.6	56.5	666.1	449.0	1,108.0	16.4	114.0	80	75
1966 ASM[1].....	(NA)	(NA)	20.8	132.2	12.4	24.6	59.5	564.2	474.8	1,029.2	*29.5	103.7	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	18.5	117.0	10.9	20.9	50.0	484.8	422.4	903.2	15.7	93.2	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	15.8	96.1	9.0	17.9	42.9	431.1	341.9	772.3	12.2	70.0	(NA)	(NA)
1963 Census....	1,101	173	16.3	96.6	9.5	19.0	42.3	420.4	335.1	757.2	13.3	73.6	82	72
1962 ASM[1].....	(NA)	(NA)	17.8	105.5	10.4	21.2	44.3	386.8	334.7	713.9	13.2	78.9	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	17.3	99.1	9.8	20.3	41.4	348.0	320.7	668.7	10.5	71.6	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	17.3	92.8	10.0	20.3	41.2	340.5	310.0	648.5	8.7	69.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	17.1	87.6	9.7	19.5	39.2	322.4	299.4	616.8	*12.7	66.9	(NA)	(NA)
1958 Census[2]...	1,156	188	16.4	82.6	9.4	17.8	35.6	295.6	290.0	585.0	7.1	63.1	84	80
INDUSTRY 2843.--SURFACE ACTIVE AGENTS														
1967 Census....	164	71	5.7	49.9	3.1	6.3	20.6	129.5	166.5	294.2	8.0	37.6	79	54
1966 ASM[1].....	(NA)	(NA)	5.0	45.9	2.6	5.6	17.8	112.5	142.6	252.1	9.1	30.6	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	4.6	38.6	2.4	5.0	15.3	96.0	120.4	214.5	7.2	26.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	4.5	36.0	2.4	4.9	14.4	88.7	114.1	200.5	*5.8	25.7	(NA)	(NA)
1963 Census....	148	59	4.1	31.9	2.2	4.6	12.8	75.7	101.5	177.8	7.2	22.5	80	47
1962 ASM[1].....	(NA)	(NA)	*2.8	*21.1	*1.6	*3.3	*8.9	*54.1	*80.0	*132.1	*10.5	*20.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	*2.8	*20.3	*1.6	*3.3	*8.5	*60.8	*84.2	*144.0	*12.3	*19.7	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	*3.0	*20.8	*1.8	*3.5	*8.8	*60.0	*77.8	*137.0	*1.9	*18.9	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	*3.2	*20.8	*1.9	*4.0	*9.4	*83.9	*87.6	*175.6	*3.7	*19.8	(NA)	(NA)
1958 Census[2]...	142	46	3.1	19.5	1.8	3.7	8.9	52.4	73.3	126.6	3.1	16.0	80	45
INDUSTRY 2844.--TOILET PREPARATIONS														
1967 Census....	672	193	41.5	262.2	26.4	50.2	125.0	1,730.6	804.9	2,515.6	52.7	278.0	94	80
1966 ASM[1].....	(NA)	(NA)	40.6	248.2	25.3	49.6	121.6	1,674.9	780.2	2,430.6	33.6	255.0	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	37.8	215.7	23.9	46.5	105.2	1,506.0	709.9	2,201.2	35.4	212.4	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	35.4	193.3	21.7	43.1	97.1	1,378.8	629.0	2,003.8	19.9	189.9	(NA)	(NA)
1963 Census....	707	183	34.3	183.2	21.6	42.4	92.5	1,232.9	565.1	1,792.7	20.2	175.0	91	84
1962 ASM[1].....	(NA)	(NA)	33.6	174.0	20.9	40.5	80.7	1,015.9	491.1	1,501.0	14.4	153.0	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	31.6	163.6	20.2	40.1	79.6	929.8	436.2	1,363.5	11.4	134.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	30.8	150.5	19.6	38.3	73.3	863.5	401.0	1,261.4	11.6	127.6	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	31.0	146.9	19.8	38.0	72.0	838.2	395.9	1,229.5	*44.9	127.3	(NA)	(NA)
1958 Census[2]...	748	181	29.5	134.0	18.5	36.0	66.7	697.5	358.9	1,059.2	14.3	117.1	91	81

Note: In 1967, 1963, and 1958, the number of companies in industry 2841 was 599, 641, and 469, respectively; in industry 2842: 965, 1,075, and (NA); industry 2843: 154, 137, and 120; and industry 2844: 628, 673, and 721. The 1967 company counts included the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. *These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2841.--SOAP AND OTHER DETERGENTS								
1967 Census	8,020	67	1,985	3.62	.46	.56	46,327	17	35.00
1966 ASM	7,703	66	2,066	3.38	.46	.56	45,099	17	32.95
1965 ASM	7,277	66	2,022	3.20	.47	.56	40,646	18	30.45
1964 ASM	7,136	65	2.033	3.17	.46	.56	38,105	19	28.72
1963 Census	6,954	65	2,038	3.11	.47	.57	36,937	19	27.74
1962 ASM	6,861	63	2,033	3.08	.47	.57	34,367	20	26.83
1961 ASM	6,638	62	2,020	2.96	.47	.58	32,471	20	25.97
1960 ASM	6,453	62	1,998	2.88	.48	.59	31,084	21	25.14
1959 ASM	6,248	61	1,999	2.79	.45	.55	31,510	20	25.70
1958 Census	6,131	61	2,023	2.65	.47	.58	28,970	21	23.32
	INDUSTRY 2842.--POLISHES AND SANITATION GOODS								
1967 Census	6,634	61	1,915	2.50	.41	.52	34,335	19	29.47
1966 ASM	6,355	60	1,983	2.42	.46	.59	27,117	23	22.95
1965 ASM	6,341	59	1,923	2.39	.47	.60	26,268	24	23.16
1964 ASM	6,077	57	1,984	2.39	.44	.57	27,256	22	24.03
1963 Census	5,914	58	2,002	2.23	.44	.57	25,743	23	22.16
1962 ASM	5,920	58	2,050	2.08	.47	.62	21,699	27	18.21
1961 ASM	5,734	57	2,071	2.04	.48	.63	20,148	28	17.16
1960 ASM	5,367	58	2,019	2.03	.48	.62	19,701	27	16.80
1959 ASM	5,130	57	2,004	2.01	.49	.63	18,877	27	16.51
1958 Census	5,027	57	1,908	2.00	.50	.64	17,991	28	16.57
	INDUSTRY 2843.--SURFACE ACTIVE AGENTS								
1967 Census	8,687	53	2,073	3.24	.57	.74	22,533	39	20.40
1966 ASM	9,185	51	2,167	3.20	.57	.75	22,533	41	20.22
1965 ASM	8,415	51	2,103	3.09	.56	.74	20,904	40	19.38
1964 ASM	7,943	53	2,063	2.91	.57	.75	19,589	41	17.96
1963 Census	7,764	53	2.121	2.79	.57	.75	18,427	42	16.51
1962 ASM	7,469	56	2,099	2.65	.61	.77	19,142	39	16.21
1961 ASM	7,219	57	2,092	2.54	.58	.73	21,565	33	18.23
1960 ASM	7,015	59	2,006	2.50	.57	.72	20,294	35	17.06
1959 ASM	6,573	61	2,083	2.34	.50	.62	26,478	25	20.98
1958 Census	6,241	59	2,020	2.39	.58	.73	16,791	37	14.14
	INDUSTRY 2844.--TOILET PREPARATIONS								
1967 Census	6,305	63	1,909	2.48	.32	.43	41,597	15	34.44
1966 ASM	6,106	62	1,965	2.45	.32	.42	41,208	15	33.75
1965 ASM	5,712	63	1,948	2.26	.32	.42	39,882	14	32.36
1964 ASM	5,461	61	1,985	2.25	.31	.41	38,951	14	31.97
1963 Census	5,336	63	1,969	2.18	.32	.42	35,904	15	29.04
1962 ASM	5,175	62	1,940	1.99	.33	.44	30,224	17	25.08
1961 ASM	5,183	64	1,979	1.99	.32	.44	29,452	18	23.21
1960 ASM	4,881	64	1,953	1.91	.32	.44	27,998	17	22.55
1959 ASM	4,731	64	1,919	1.90	.32	.44	27,002	18	22.07
1958 Census	4,546	63	1,942	1.85	.34	.47	23,674	19	19.37

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2841-- SOAP AND OTHER DETERGENTS													
UNITED STATES	668	207	30.3	243.0	20.0	40.1	145.3	1 403.7	1 202.0	2 593.4	48.1	30.8	1 137.4
NORTHEAST REGION	212	52	8.0	61.7	5.7	11.1	39.6	314.8	255.4	570.3	13.5	9.2	271.1
NEW ENGLAND DIVISION	46	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	40.5
MASSACHUSETTS	23	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	36.7
RHODE ISLAND	9	2	.2	1.0	.1	.2	.3	2.0	2.6	4.7	.1	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	166	44	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8.2	230.6
NEW YORK	69	13	2.1	16.8	1.5	3.1	10.9	61.4	56.5	115.7	4.1	2.4	55.2
NEW JERSEY	57	23	4.0	31.1	2.9	5.7	21.3	181.9	140.8	323.5	7.7	4.6	152.6
PENNSYLVANIA	40	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	22.8
NORTH CENTRAL REGION	213	76	13.5	111.4	9.0	17.9	66.2	680.4	611.4	1 283.1	20.9	13.3	555.1
EAST NORTH CENTRAL DIVISION	166	59	9.8	81.9	6.3	12.7	46.5	478.0	452.0	923.1	14.0	9.6	383.1
OHIO	51	24	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.3	141.4
INDIANA	7	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	57	22	2.8	24.4	1.8	3.7	13.5	148.8	170.5	318.6	3.4	3.0	119.9
MICHIGAN	29	7	.8	6.4	.3	.6	2.2	17.0	27.1	43.6	(D)	[2](D)	[2](D)
WISCONSIN[e]	22	3	.2	1.6	.1	.2	.5	4.6	4.5	9.1	(Z)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	47	17	3.7	29.5	2.6	5.2	19.7	202.4	159.5	360.0	6.9	3.8	172.0
MINNESOTA	19	6	.3	2.3	.1	.2	.6	5.0	5.3	10.3	(D)	[2](D)	[2](D)
IOWA	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	20	6	1.5	12.3	1.1	2.3	9.0	84.3	69.5	153.7	2.2	1.6	72.8
NEBRASKA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	137	44	5.0	38.7	3.1	6.5	21.6	251.7	188.7	437.9	9.4	4.4	172.2
SOUTH ATLANTIC DIVISION	63	28	3.6	28.5	2.3	4.9	16.5	174.4	136.4	309.2	6.4	3.3	127.6
MARYLAND	7	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA[e]	14	6	.2	1.2	.1	.1	.5	2.3	2.2	4.6	(D)	.2	1.9
SOUTH CAROLINA	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	16	11	.9	5.7	.4	.9	2.4	48.0	40.9	88.4	1.5	.8	22.9
FLORIDA	13	3	.2	1.3	.1	.1	.4	4.3	2.8	7.1	.1	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	19	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	6.6
TENNESSEE	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	55	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	38.0
TEXAS	42	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	37.6
WEST REGION	106	35	3.7	31.3	2.3	4.6	17.9	156.8	146.5	302.0	4.3	3.9	138.2
PACIFIC DIVISION	97	35	3.7	31.2	2.3	4.6	17.8	156.4	146.2	301.4	(D)	3.8	138.6
CALIFORNIA	87	30	3.6	29.9	2.2	4.4	17.3	153.3	144.0	296.1	(D)	3.7	136.8
2842-- POLISHES AND SANITATION GOODS													
UNITED STATES	1 004	203	19.4	128.7	11.8	22.6	56.5	666.1	449.0	1 108.0	16.4	16.3	420.4
NORTHEAST REGION	335	77	6.8	42.7	4.2	8.1	19.0	173.4	149.0	321.2	2.7	6.3	124.5
NEW ENGLAND DIVISION	88	19	1.3	8.5	.8	1.4	3.3	44.3	30.4	73.3	.7	1.6	28.6
MASSACHUSETTS	55	15	.9	5.9	.6	1.1	2.5	32.2	25.3	56.1	.5	[2](D)	[2](D)
CONNECTICUT	25	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.9
MIDDLE ATLANTIC DIVISION	247	58	5.5	34.2	3.5	6.6	15.7	129.1	118.6	247.9	2.0	4.8	95.8
NEW YORK	126	25	2.5	15.2	1.7	3.3	7.6	58.3	51.3	107.4	1.0	2.6	52.7
NEW JERSEY	62	20	1.7	11.6	.9	1.8	4.7	37.4	41.3	82.1	.6	1.1	27.6
PENNSYLVANIA	59	13	1.3	7.5	.8	1.5	3.4	33.5	26.0	58.4	.4	1.1	15.6
NORTH CENTRAL REGION	310	78	8.4	59.4	5.1	9.8	27.2	376.0	217.7	588.9	10.2	6.4	221.7
EAST NORTH CENTRAL DIVISION	211	54	6.1	43.0	3.9	7.5	21.5	333.2	173.2	502.5	8.9	(D)	(D)
OHIO	50	13	.7	5.0	.5	1.0	2.4	45.5	23.0	67.0	4.6	[2](D)	[2](D)
INDIANA	19	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	73	19	2.5	15.7	1.7	3.2	8.1	103.9	68.4	171.9	1.3	1.5	51.4
MICHIGAN	39	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WISCONSIN	30	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	99	24	2.3	16.4	1.2	2.3	5.7	42.8	44.5	86.4	1.3	(D)	(D)
IOWA[e]	17	1	.2	1.3	(Z)	.1	.2	2.8	1.7	4.5	.1	.2	2.3
MISSOURI	50	16	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEBRASKA	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS[e]	14	3	.2	.9	.1	.2	.4	2.4	4.2	6.7	.1	.1	1.7
SOUTH REGION	216	27	2.6	15.9	1.6	3.1	5.9	72.1	49.4	119.9	2.6	2.3	46.9
SOUTH ATLANTIC DIVISION	113	17	2.0	12.4	1.1	2.3	4.4	46.4	34.3	78.7	2.2	(D)	(D)
MARYLAND	19	8	.8	4.4	.5	1.2	2.0	9.3	13.6	22.4	.5	.7	7.2
GEORGIA	13	6	.8	6.4	.4	.7	1.8	32.4	16.5	47.5	1.5	.5	16.5
FLORIDA[e]	42	3	.3	1.2	.2	.3	.4	3.3	3.1	6.2	.1	.3	3.4
EAST SOUTH CENTRAL DIVISION	33	4	.3	1.1	.2	.3	.5	8.8	6.1	15.2	.3	(D)	(D)
TENNESSEE	21	2	.2	.7	.1	.2	.3	7.7	5.2	13.2	.3	.2	4.5
WEST SOUTH CENTRAL DIVISION	70	6	.4	2.3	.3	.5	1.0	16.8	9.0	25.9	.1	.5	13.6
TEXAS	41	3	.3	1.7	.2	.3	.7	11.4	5.4	16.9	(D)	(D)	(D)
2842-- POLISHES AND SANITATION GOODS													
WEST REGION	143	21	1.6	10.6	.9	1.7	4.4	44.6	32.9	78.1	.9	1.3	27.4
PACIFIC DIVISION	125	21	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	26.2
CALIFORNIA	108	21	1.4	9.7	.8	1.5	4.0	42.0	30.7	73.3	(D)	1.1	25.9

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2843-- SURFACE ACTIVE AGENTS													
UNITED STATES	164	71	5.7	49.9	3.1	6.3	20.6	129.5	166.5	294.2	8.0	4.1	75.7
NORTHEAST REGION	95	35	3.0	27.8	1.4	2.9	9.6	56.4	68.2	124.4	3.2	2.4	36.4
NEW ENGLAND DIVISION[e]	31	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	9.7
MASSACHUSETTS[e]	21	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	7.3
RHODE ISLAND[e]	10	4	.2	1.4	.1	.2	.5	2.6	5.7	8.2	(Z)	.1	2.1
MIDDLE ATLANTIC DIVISION	64	28	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	26.6
NEW YORK	14	3	.2	1.6	.1	.2	.6	3.3	4.0	7.2	.1	[2](D)	[2](D)
NEW JERSEY	35	16	1.8	16.7	.7	1.5	5.3	32.7	39.2	71.7	2.4	1.5	19.2
PENNSYLVANIA	15	9	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	5.3
NORTH CENTRAL REGION[e]	20	9	.7	5.3	.4	.8	3.0	16.5	25.1	40.8	.9	.4	5.7
EAST NORTH CENTRAL DIVISION[e]	18	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS[e]	13	7	.5	4.1	.3	.6	2.2	12.5	21.2	33.0	.7	.3	4.5
SOUTH REGION	41	22	1.7	14.2	1.0	2.2	6.9	50.9	60.1	110.0	3.6	1.1	27.3
SOUTH ATLANTIC DIVISION	31	18	1.6	12.8	.9	2.0	6.2	46.9	51.1	96.7	3.0	(D)	(D)
DELAWARE	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MARYLAND	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	13	9	.4	3.3	.2	.4	1.0	10.3	12.9	23.1	.7	.2	3.8
GEORGIA	4	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	8	5	.3	2.6	.2	.4	1.0	5.7	13.1	18.9	.2	(D)	(D)
PACIFIC DIVISION	8	5	.3	2.6	.2	.4	1.0	5.7	13.1	18.9	.2	.2	6.4
CALIFORNIA	8	5	.3	2.6	.2	.4	1.0	5.7	13.1	18.9	.2	.2	6.4
2844-- TOILET PREPARATIONS													
UNITED STATES	672	193	41.5	262.2	26.4	50.2	125.0	1 730.6	804.9	2 515.6	52.7	34.3	1 232.9
NORTHEAST REGION	307	96	24.0	149.6	15.4	29.3	72.1	871.8	417.7	1 275.3	32.7	20.5	648.9
NEW ENGLAND DIVISION	33	10	3.1	17.8	2.2	4.3	10.5	232.9	99.2	327.8	13.4	3.3	132.5
MAINE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	9	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	19	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	274	86	20.9	131.8	13.2	25.0	61.7	638.9	318.5	947.5	19.4	17.1	516.4
NEW YORK	183	50	9.5	57.3	6.2	11.4	26.5	271.6	133.8	405.9	6.1	8.2	212.2
NEW JERSEY	60	31	10.6	70.6	6.6	12.8	33.7	342.6	176.7	509.8	12.3	8.6	300.6
PENNSYLVANIA	31	5	.8	3.9	.4	.8	1.4	24.7	8.0	31.8	.9	.3	3.6
NORTH CENTRAL REGION	166	51	11.5	74.8	7.6	14.6	37.7	656.8	293.7	947.0	10.6	8.9	450.5
EAST NORTH CENTRAL DIVISION	124	36	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.5	326.1
OHIO	20	7	2.1	18.0	1.2	2.5	8.1	204.5	57.9	263.1	3.4	1.4	87.6
ILLINOIS	65	20	5.3	32.6	3.4	6.4	15.8	231.7	124.4	354.6	2.0	4.5	232.5
MICHIGAN[e]	20	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	10	3	.4	1.9	.3	.6	1.2	4.5	3.3	7.7	.1	(D)	(D)
WEST NORTH CENTRAL DIVISION	42	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.4	124.5
MINNESOTA	16	5	1.6	10.6	1.2	2.1	5.8	93.5	58.4	150.7	1.2	[2](D)	[2](D)
IOWA	7	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	17	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	6.5
SOUTH REGION	97	19	1.9	11.3	1.1	2.0	4.3	67.7	28.5	95.5	1.1	1.7	54.3
SOUTH ATLANTIC DIVISION	41	10	1.1	7.3	.5	1.0	2.2	40.9	16.0	56.3	.8	1.0	37.7
MARYLAND	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA[e]	23	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	21	5	.6	3.0	.4	.8	1.6	24.0	9.6	33.6	.1	.5	14.5
TENNESSEE	16	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	14.4
WEST SOUTH CENTRAL DIVISION	35	4	.2	1.0	.1	.2	.5	2.8	2.9	5.6	.1	.2	2.1
TEXAS	26	4	.2	.9	.1	.2	.4	2.5	2.6	5.0	.1	[2](D)	[2](D)
WEST REGION	102	27	4.1	26.5	2.3	4.3	10.8	134.4	65.0	197.8	8.3	3.2	79.2
PACIFIC DIVISION	94	26	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	89	23	3.9	25.3	2.2	4.1	10.4	127.1	62.9	188.7	(D)	3.1	75.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Soap and other detergents (SIC 2841)	Polishes and sanitation goods (SIC 2842)	Surface active agents (SIC 2843)	Toilet preparations (SIC 2844)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.83	.80	.79	94
COVERAGE RATIO[2]	90	.75	.54	80
ESTABLISHMENTS, TOTAL .NUMBER	668	1 004	164	672
WITH 1 TO 19 EMPLOYEES .DO	461	801	93	479
WITH 20 TO 99 EMPLOYEES .DO	155	158	60	103
WITH 100 EMPLOYEES OR MORE .DO	52	45	11	90
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	30.3	19.4	5.7	41.5
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	243.0	128.7	49.9	262.2
PRODUCTION WORKERS:				
AVERAGE FOR YEAR 1,000	20.0	11.8	3.1	26.4
MARCH .DO	20.1	12.0	3.1	25.0
MAY .DO	19.7	11.7	3.0	25.0
AUGUST .DO	20.6	12.0	3.0	27.2
NOVEMBER .DO	19.6	11.7	3.0	28.2
MAN-HOURS .MILLIONS	40.1	22.6	6.3	50.2
JANUARY-MARCH .DO	10.0	5.8	1.6	12.0
APRIL-JUNE .DO	10.0	5.6	1.6	12.1
JULY-SEPTEMBER .DO	10.1	5.6	1.5	12.7
OCTOBER-DECEMBER .DO	10.0	5.7	1.6	13.4
WAGES MILLION DOLLARS	145.3	56.5	20.6	125.0
COST OF MATERIALS, ETC., TOTAL .DO	1 202.0	449.0	166.5	804.9
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	1 050.4	387.7	151.7	699.4
COST OF RESALES .DO	131.2	54.0	10.2	70.8
FUELS CONSUMED .DO	9.1	1.6	2.8	1.9
PURCHASED ELECTRIC ENERGY .DO	5.5	1.9	1.5	3.3
CONTRACT WORK .DO	5.8	3.8	.3	29.5
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	2 593.4	1 108.0	294.2	2 515.6
VALUE OF RESALES .DO	194.2	91.1	12.7	127.0
VALUE ADDED BY MANUFACTURE .DO	1 403.7	666.1	129.5	1 730.6
MANUFACTURERS' INVENTORIES:				
BEGINNING OF YEAR, TOTAL .DO	231.0	99.8	35.1	241.0
FINISHED PRODUCTS .DO	115.3	51.8	20.1	104.1
WORK IN PROCESS .DO	24.8	5.3	2.8	19.1
MATERIALS, SUPPLIES, FUEL, ETC. .DO	90.9	42.7	12.2	117.8
END OF YEAR, TOTAL .DO	250.6	114.1	37.6	278.0
FINISHED PRODUCTS .DO	122.7	58.1	21.5	121.6
WORK IN PROCESS .DO	29.7	6.1	3.2	21.5
MATERIALS, SUPPLIES, FUEL, ETC. .DO	98.1	49.9	12.9	134.9
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	50.4	16.6	8.1	57.8
NEW PLANT AND EQUIPMENT, TOTAL .DO	48.1	16.4	8.0	52.7
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	11.5	8.2	1.3	28.4
NEW MACHINERY AND EQUIPMENT .DO	36.6	8.2	6.7	24.3
USED PLANT AND EQUIPMENT .DO	2.3	.2	.1	5.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, "Explanation of Terms."

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2841-- SOAP AND OTHER DETERGENTS											
ESTABLISHMENTS, TOTAL	668	30.3	243.0	20.0	40.1	145.3	1 403.7	1 202.0	2 593.4	48.1	250.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	287	.5	3.0	.4	.6	1.6	10.3	9.2	19.4	[2]5.2	1.8
5 TO 9 EMPLOYEES	85	.6	3.8	.3	.6	1.7	10.3	11.5	21.8	.4	2.0
10 TO 19 EMPLOYEES	89	1.3	8.7	.7	1.3	3.4	30.4	31.6	61.5	.7	5.3
20 TO 49 EMPLOYEES	105	3.5	23.7	1.6	3.2	9.1	81.4	81.5	162.0	2.1	14.3
50 TO 99 EMPLOYEES	50	3.5	24.8	1.9	3.8	10.9	104.7	99.9	203.8	3.8	17.9
100 TO 249 EMPLOYEES	24	3.6	25.4	2.3	4.4	13.4	148.2	103.2	249.8	3.2	26.0
250 TO 499 EMPLOYEES	16	6.0	50.6	4.5	9.1	34.5	352.6	310.9	662.5	11.8	59.5
500 TO 999 EMPLOYEES	8	5.5	52.5	3.9	8.2	35.0	352.8	325.7	675.4	11.4	62.1
1,000 TO 2,499 EMPLOYEES	4	5.9	50.8	4.5	8.8	35.8	312.9	228.6	537.1	9.4	61.6
ESTABS. COVERED BY ADMIN. RECORDS[1e]	238	.4	2.2	.4	.5	1.3	8.3	7.4	15.7	(Z)	1.7
2842-- POLISHES AND SANITATION GOODS											
ESTABLISHMENTS, TOTAL	1 004	19.4	128.7	11.8	22.6	56.5	666.1	449.0	1 108.0	16.4	114.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	527	.8	4.2	.8	1.1	1.8	15.8	12.3	28.3	.3	3.3
5 TO 9 EMPLOYEES	159	1.0	6.3	.6	1.1	2.4	20.5	15.6	36.1	.5	3.4
10 TO 19 EMPLOYEES	115	1.6	10.9	.9	1.7	4.2	43.8	33.2	76.9	1.1	7.8
20 TO 49 EMPLOYEES	118	3.5	23.0	2.0	4.0	9.6	103.2	80.1	182.9	2.4	16.6
50 TO 99 EMPLOYEES	41	2.7	17.6	1.7	3.2	7.7	83.2	74.4	154.7	5.3	17.4
100 TO 249 EMPLOYEES	30	4.5	32.1	2.3	4.5	11.6	100.8	85.2	184.3	2.3	21.6
250 TO 499 EMPLOYEES	12	5.2	34.5	3.6	6.9	19.1	298.7	148.2	444.9	4.6	44.1
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	499	.9	4.5	.9	1.2	2.0	15.4	11.2	26.6	.2	3.2
2843-- SURFACE ACTIVE AGENTS											
ESTABLISHMENTS, TOTAL	164	5.7	49.9	3.1	6.3	20.6	129.5	166.5	294.2	8.0	37.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	34	.1	.6	.1	.1	.2	1.7	1.9	3.6	.1	.4
5 TO 9 EMPLOYEES	31	.2	2.2	.1	.2	.8	4.7	7.4	12.0	.3	.9
10 TO 19 EMPLOYEES	28	.4	3.5	.2	.4	1.3	8.7	11.5	20.2	.4	1.8
20 TO 49 EMPLOYEES	47	1.5	13.6	.8	1.6	5.1	34.1	48.5	83.0	1.8	8.1
50 TO 99 EMPLOYEES	13	.9	7.5	.5	1.0	3.0	19.2	29.2	47.9	1.7	8.6
100 TO 249 EMPLOYEES	9	2.6	22.6	1.4	3.0	10.2	61.1	67.9	127.5	3.6	17.8
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	27	.1	.5	.1	.1	.2	1.2	1.6	2.8	.1	.4
2844-- TOILET PREPARATIONS											
ESTABLISHMENTS, TOTAL	672	41.5	262.2	26.4	50.2	125.0	1 730.6	804.9	2 515.6	52.7	278.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	335	.5	2.7	.5	.7	1.3	10.5	6.1	16.6	[2]17.8	2.1
5 TO 9 EMPLOYEES[e]	74	.5	3.0	.4	.6	1.2	10.5	5.7	16.2	.2	1.8
10 TO 19 EMPLOYEES	70	.9	5.3	.6	1.2	2.5	15.3	13.1	28.3	.3	3.4
20 TO 49 EMPLOYEES	67	2.1	12.1	1.3	2.5	5.4	44.2	36.0	79.3	1.5	11.7
50 TO 99 EMPLOYEES	36	2.5	13.1	1.7	3.3	6.9	55.2	36.2	91.0	1.2	13.5
100 TO 249 EMPLOYEES	44	7.4	40.6	4.9	9.2	18.9	193.9	121.5	311.5	4.9	41.9
250 TO 499 EMPLOYEES	26	9.6	66.5	6.6	12.7	34.2	579.5	277.1	852.4	9.1	77.3
500 TO 999 EMPLOYEES	16	11.5	78.1	6.8	13.2	34.8	652.7	239.5	880.6	14.6	89.0
1,000 TO 2,499 EMPLOYEES	4	6.3	40.8	3.6	6.9	19.8	168.8	69.7	239.7	3.2	37.4
ESTABS. COVERED BY ADMIN. RECORDS[1e]	312	.6	2.6	.6	.8	1.4	10.7	5.0	15.8	.1	2.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2841	Soap and other detergents.....1967..	2,593.4	1,990.2	405.7	197.5	83	2,200.8	1,990.2	210.6	90
	1963..	2,127.8	1,631.3	360.3	136.2	82	1,780.7	1,631.3	149.4	92
2842	Polishes and sanitation goods.....1967..	1,108.0	810.4	199.5	98.1	80	1,077.4	810.4	267.0	75
	1963..	757.2	541.1	119.6	96.5	82	747.8	541.1	206.7	72
2843	Surface active agents.....1967..	294.2	219.1	59.2	15.9	79	403.2	219.1	184.1	54
	1963..	177.8	131.9	33.4	12.5	80	283.6	131.9	151.7	47
2844	Toilet preparations.....1967..	2,515.6	2,247.3	137.9	130.4	94	2,794.2	2,247.3	546.9	80
	1963..	1,792.7	1,565.9	145.5	81.3	91	1,858.6	1,565.9	292.8	84

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. rRevised.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry, and miscellaneous receipts	All industries	Soap and other detergents (SIC 2841)	Polishes and sanitation goods (SIC 2842)	Surface active agents (SIC 2843)	Toilet preparations (SIC 2844)	Other industries
	Total shipments and miscellaneous receipts.....	(X)	2,593.4	1,108.0	294.2	2,515.6	(X)
2841-	Soap and other detergents.....	2,200.8	1,990.2	83.4	7.4	20.5	99.3
28411	Alkaline detergents and acid-type cleaners.....	319.4	268.2	25.4	(under 2)	(under 2)	24.8
28412	Soaps, except specialty cleaners, nonhousehold.....	51.9	34.6	11.6	(under 2)	(under 2)	(5-10)
28413	Soaps, except specialty cleaners, household.....	332.0	304.3	3.7	-	19.2	4.8
28414	Glycerin, natural.....	48.1	37.2	-	(under 2)	(under 2)	8.4
28415	Synthetic organic detergents, household.....	1,235.4	1,180.9	28.3	(under 2)	(under 2)	25.9
28416	Synthetic organic detergents, nonhousehold.....	140.8	94.4	14.1	(over 2)	(under 2)	28.2
28410	Soap and other detergents, except specialty cleaners, n.s.k..	73.2	70.6	(under 2)	(under 2)	-	2.0
2842-	Polishes and sanitation goods.....	1,077.4	103.5	810.4	0.6	27.2	135.7
28421	Household insecticides and repellents.....	129.9	(2-5)	106.8	-	(2-5)	18.6
28423	Specialty cleaning and sanitation products.....	528.0	90.3	317.1	0.1	24.4	96.1
28424	Polishing preparations and related products.....	324.5	10.4	293.2	(under 2)	(under 2)	19.8
28420	Polishes and sanitation goods, n.s.k.....	94.9	(under 2)	93.2	(under 2)	(under 2)	1.2
2843-	Surface active agents.....	403.2	33.2	4.0	219.1	0.4	146.5
2844-	Toilet preparations.....	2,794.2	135.9	40.0	(Z)	2,247.3	370.7
28441	Shaving preparations.....	178.7	(10-20)	(2-5)	-	104.1	56.8
28442	Perfumes, toilet water, and colognes.....	394.9	(10-20)	9.6	-	342.8	(20-50)
28443	Hair preparations (including shampoos).....	771.6	(20-50)	(2-5)	(Z)	696.6	50.5
28444	Dentifrices, including mouthwashes, gargles, and rinses.....	323.1	(over 2)	(under 2)	-	200.4	39.4
28445	Other cosmetics and toilet preparations.....	1,045.7	(5-10)	(20-50)	-	823.9	194.1
28440	Toilet preparations, n.s.k.....	80.2	(under 2)	(Z)	-	79.6	(under 2)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of product, industry, and miscellaneous receipts	All industries	Soap and other detergents (SIC 2841)	Polishes and sanitation goods (SIC 2842)	Surface active agents (SIC 2843)	Toilet preparations (SIC 2844)	Other industries
	Other product shipments by 4-digit product group						
2042-	Prepared feeds for animals and fowls	(X)	-	(2-5)	-	(over 2)	(X)
2087-	Flavoring extracts and sirups, n.e.c.	(X)	-	-	-	(2-5)	(X)
2094-	Animal and marine fats and oils	(X)	(over 2)	-	-	-	(X)
2392-	Housefurnishings, n.e.c.	(X)	-	(over 2)	-	-	(X)
2647-	Sanitary paper products	(X)	-	(2-5)	-	-	(X)
2815-	Cyclic intermediates and crudes	(X)	(over 2)	-	(5-10)	-	(X)
2818-	Industrial organic chemicals, n.e.c.	(X)	(20-50)	-	23.9	2.8	(X)
2819-	Industrial inorganic chemicals, n.e.c.	(X)	34.6	5.8	-	-	(X)
2821-	Plastics materials and resins	(X)	-	-	8.1	-	(X)
2833-	Medicinals and botanicals	(X)	-	-	6.6	-	(X)
2834-	Pharmaceutical preparations	(X)	(2-5)	10.6	-	38.1	(X)
2851-	Paints and allied products	(X)	9.3	6.3	-	-	(X)
2899-	Chemical preparations, n.e.c.	(X)	25.4	17.2	(2-5)	-	(X)
2911-	Petroleum refining	(X)	-	-	-	(10-20)	(X)
2992-	Lubricating oils and greases	(X)	3.6	3.5	-	-	(X)
3842-	Surgical appliances and supplies	(X)	-	-	-	(over 2)	(X)
3991-	Brooms and brushes	(X)	-	(2-5)	-	(2-5)	(X)
3999-	Manufactures, n.e.c.	(X)	-	-	-	6.7	(X)
	Miscellaneous receipts	(X)	197.5	98.1	15.9	130.4	(X)
99989	Resales	(X)	194.2	91.1	12.7	127.0	(X)
99980	Other miscellaneous receipts	(X)	3.3	7.0	3.2	3.4	(X)

Product code	Class of products, industry, and miscellaneous receipts	Other industries
	Listings of the other industries with over $2 million shipments of the primary products	
2841-	2042 Prepared feeds for animals and fowls	(over 2)
2841-	2096 Shortening and cooking oils	(over 2)
2841-	2819 Industrial inorganic chemicals, n.e.c.	31.4
2841-	2851 Paints and allied products	10.5
2841-	2879 Agricultural chemicals, n.e.c.	(20-50)
2841-	2899 Chemical preparations, n.e.c.	16.1
2842-	2046 Wet corn milling	(50-100)
2842-	2095 Roasted coffee	(over 2)
2842-	2099 Food preparations, n.e.c.	(2-5)
2842-	2818 Industrial organic chemicals, n.e.c.	(10-20)
2842-	2819 Industrial inorganic chemicals, n.e.c.	7.0
2842-	2833 Medicinals and botanicals	(2-5)
2842-	2834 Pharmaceutical preparations	2.9
2842-	2851 Paints and allied products	5.6
2842-	2879 Agricultural chemicals, n.e.c.	11.9
2842-	2891 Adhesives and gelatin	3.3
2842-	2899 Chemical preparations, n.e.c.	3.5
2842-	3291 Abrasive products	(over 2)
2842-	3639 Household appliances, n.e.c.	(over 2)
2842-	3996 Hard surface floor coverings	(over 2)
2843-	2095 Roasted coffee	(over 2)

Product code	Class of products, industry, and miscellaneous receipts	Other industries
	Listings of the other industries with over $2 million shipments of the primary products--Continued	
2843-	2096 Shortening and cooking oils	(over 2)
2843-	2812 Alkalies and chlorine	(over 2)
2843-	2815 Cyclic intermediates and crudes	27.1
2843-	2818 Industrial organic chemicals, n.e.c.	49.1
2843-	2819 Industrial inorganic chemicals, n.e.c.	2.9
2843-	2821 Plastics materials and resins	8.4
2843-	2823 Cellulosic manmade fibers	(over 2)
2843-	2833 Medicinals and botanicals	7.2
2843-	2891 Adhesives and gelatin	4.1
2843-	2899 Chemical preparations, n.e.c.	12.4
2843-	2911 Petroleum refining	15.6
2843-	3069 Fabricated rubber products, n.e.c.	(2-5)
2844-	2073 Chewing gum	(over 2)
2844-	2095 Roasted coffee	(over 2)
2844-	2818 Industrial organic chemicals, n.e.c.	13.3
2844-	2834 Pharmaceutical preparations	222.1
2844-	2851 Paints and allied products	(over 2)
2844-	3899 Chemical preparations, n.e.c.	(5-10)
2844-	3421 Cutlery	(50-100)
2844-	3442 Metal doors, sash, and trim	(20-50)
2844-	3911 Jewelry, precious metal	(over 2)
2844-	3997 Manufactures, n.e.c.	(2-5)

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under $50 thousand.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2841- --	SOAP AND OTHER DETERGENTS, TOTAL	.....	(X)	2,200.8	(X)	1,780.7
28411 --	Alkaline detergents and acid-type cleaners, total[1]	.....	(X)	319.4	(X)	224.9
	Alkaline detergents, household (products sold in containers holding 25 pounds or less and 1 gallon or less and for use by family units):					
	Machine dishwashing compounds:					
28411 11	Liquid	Million gals...	(X)	([2])	(X)	([2])
28411 13	Dry (solid)	Million lbs....	172.1	45.9	71.0	19.3
	Other alkaline detergents, household:					
28411 15	Liquid	Million gals...	(S)	21.0	4.9	13.3
28411 17	Dry (solid)	Million lbs....	150.7	27.5	122.2	24.1
	Alkaline detergents, nonhousehold (bulk products sold in containers holding over 25 pounds or over 1 gallon, and for industrial, institutional, or commercial use regardless of package size):					
	Machine dishwashing compounds:					
28411 21	Liquid	Million gals...	(S)	[2]20.2	(NA)	[2]15.2
28411 23	Dry (solid)	Million lbs....	288.6	60.3	178.6	37.0
	Other alkaline detergents, nonhousehold:					
28411 25	Liquid	Million gals...	(S)	24.7	14.0	21.6
28411 27	Dry (solid)	Million lbs....	389.6	58.0	412.4	59.7
	Acid-type cleaners containing an acid and/or wetting agent, and/or inorganic fillers, total	...do.....	247.0	47.7	161.6	30.3
28411 71	Dairy and food processing cleaners	...do.....	81.3	15.6	46.6	8.3
28411 75	Metal cleaners	...do.....	135.2	25.0	95.6	17.6
28411 79	All other	...do.....	30.5	7.1	19.4	4.4
28411 00	Alkaline detergents and acid-type cleaners, n.s.k	.....	(X)	14.0	(X)	4.4
28412 --	Soaps, except specialty cleaners, nonhousehold, total[1]	.....	(X)	51.9	(X)	58.7
	Nonhousehold soaps (bulk products and products sold in containers holding over 25 pounds or over 1 gallon, and for industrial, institutional, or commercial use regardless of package size):					
28412 15	Chips, flakes, granulated, powdered and sprayed, including washing powders	Million lbs....	155.3	19.2	173.6	17.6
28412 27	Liquid (potash and other, excluding shampoos)	Million gals...	(S)	17.2	11.7	15.3
28412 61	Mechanics' hand soaps, pastes, and bars, except waterless	Million lbs....	22.6	3.9	56.7	9.3
28412 98	Other soaps, nonhousehold	...do.....	(X)	9.1	(X)	11.0
28412 00	Soaps, except specialty cleaners, nonhousehold, n.s.k	.....	(X)	2.5	(X)	5.5
28413 --	Soaps, except specialty cleaners, household, total[1]	.....	(X)	332.0	(X)	296.3
	Household soaps (products sold in containers holding 25 pounds or less and 1 gallon or less, and for use by family units):					
	Bars (excluding medical and medicated mechanics' hand soap and shaving soap):					
28413 11	Toilet	Million lbs....	669.4	253.3	636.8	216.5
28413 13	Laundry and other household soaps (bars)	...do.....	69.4	20.4	86.1	15.6
28413 22	Chips, flakes, granulated, powdered, and sprayed, including washing powders	...do.....	139.2	38.5	181.0	44.8
28413 51	Medical and medicated soaps (containing medicinal or germicidal additives of therapeutic value, but not soaps containing germicidal or other additives only as a deodorant) bars, liquid and paste	.....	(X)	([3])	(X)	5.8
28413 61	Mechanics' hand soaps, all types except waterless	Million lbs....	32.4	8.3	26.9	7.0
28413 98	Other soaps, household	...do.....	(X)	[3]5.7	(X)	4.0
28413 00	Soaps, except specialty cleaners, household, n.s.k	.....	(X)	5.8	(X)	2.6
28414 --	Glycerin, natural, total	.....	(X)	[4]48.1	(X)	[5]38.5
28414 11	Crude, 100-pereent basis	Million lbs....	53.1	10.8	[5]74.7	[5]9.8
28414 31	High-gravity, dynamite, and yellow distilled; 100-percent basis	...do.....	53.1	11.6	[5]47.0	[5]8.4
28414 51	Chemically pure, 100-percent basis	...do.....	107.4	25.7	[5]114.1	[5]20.3

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2841- --	SOAP AND OTHER DETERGENTS--Continued					
28415 --	Synthetic organic detergents, household, total	.....	(X)	1,235.4	(X)	1,029.4
	Household detergents (products sold in containers holding 25 pounds and less or 1 gallon and less, and for use by family units):					
	Dry (solid):					
28415 21	Light-duty[1]	Million lbs...	(S)	79.1	190.0	57.6
	Heavy-duty:[1]					
28415 25	Anionic base	...do.....	3,347.5	708.7	2,405.2	527.1
28415 27	Nonionic base or other base	...do.....			(NA)	78.1
	Liquid, (excluding shampoos):					
28415 31	Light-duty[1]	Million gals..	(S)	238.9	90.8	235.0
28415 35	Heavy-duty[1]	...do.....	(S)	44.5		
28415 39	General purpose cleaners	...do.....	(S)	88.0	35.1	59.3
28415 53	Scouring cleansers with or without abrasives	Million lbs...	463.9	68.4	500.7	68.3
28415 00	Synthetic organic detergents, household, n.s.k.	.....	(X)	7.7	(X)	3.9
28416 --	Synthetic organic detergents, nonhousehold, total[1]	.....	(X)	140.8	(X)	115.3
	Nonhousehold detergents (bulk products and products sold in containers holding over 25 pounds or over 1 gallon, and for industrial, institutional, or commercial use regardless of package size):					
	Dry (solid):					
28416 21	Anionic base	Million lbs...	281.2	38.5	189.4	27.4
28416 29	Nonionic base or other base	...do.....	115.2	19.5	76.0	9.9
	Liquid:					
28416 31	Anionic base	Million gals..	(S)	38.6	15.7	33.0
28416 39	Nonionic base or other base	...do.....	(S)	34.7	20.1	35.9
28416 53	Scouring cleansers with or without abrasives	Million lbs...	(S)	4.7	21.4	3.4
28416 00	Synthetic organic detergents, nonhousehold, n.s.k.	.....	(X)	5.1	(X)	5.7
28410 00	Soap and other detergents, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	57.5	(X)	17.6
28410 02	Soap and other detergents, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	15.7		

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
2842- --	POLISHES AND SANITATION GOODS, TOTAL	.....	(X)	(X)	1,077.4	(X)	(X)	747.8
28421 --	Household insecticides and repellents, total	.....	(X)	(X)	129.9	(X)	(X)	110.8
	Insecticides (for crawling insects, excluding fumigants):							
28421 12	Aerosols	.....	(X)	(X)	23.7	(X)	(X)	14.5
28421 15	Nonaerosols	.....	(X)	(X)	21.0	(X)	(X)	17.8
	Insecticides (for flying insects, excluding fumigants):							
28421 21	Aerosols	.....	(X)	(X)	35.5	(X)	(X)	33.2
28421 24	Nonaerosols	.....	(X)	(X)	18.3	(X)	(X)	24.0
28421 35	Repellents and attractants (for insects, birds, fish, and other animals)	.....	(X)	(X)	11.0	(X)	(X)	3.3
28421 71	Rodenticides	.....	(X)	(X)	9.0	(X)	(X)	6.3
28421 89	Fumigants, other than soil fumigants, including space	.....	(X)	(X)	2.4	(X)	(X)	5.3
28421 00	Household insecticides and repellents, n.s.k.	.....	(X)	(X)	9.1	(X)	(X)	6.5

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
2842- --	POLISHES AND SANITATION GOODS--Continued							
28423 --	Specialty cleaning and sanitation products, total...	.....	(X)	(X)	528.0	(X)	(X)	331.7
28423 11	Glass window cleaning preparations.....	.....	(X)	(X)	30.7	(X)	(X)	17.0
28423 21	Oven cleaners.....	.....	(X)	(X)	16.7	(X)	(X)	(NA)
28423 31	Toilet bowl cleaner and drain pipe solvents.....	Million lbs.	(S)	(S)	67.1	(X)	187.6	36.8
28423 32	Disinfectants, for uses other than agricultural...	.....	(X)	(X)	33.6	(X)	(X)	29.1
28423 41	Wallpaper, window shade and wall cleaner.....	.....	(X)	(X)	(6)	(X)	(X)	(NA)
28423 51	Rug and upholstery cleaners, consumer type preparations.....	.....	(X)	(X)	14.3	(X)	(X)	(NA)
28423 71	Household ammonia.....	.....	(X)	(X)	11.9	(X)	(X)	9.0
	Deodorants, nonpersonal:							
28423 81	Aerosol type.....	.....	(X)	(X)	38.4	(X)	(X)	26.4
28423 85	Other.....	.....	(X)	(X)	12.6	(X)	(X)	16.8
28423 93	Dry cleaning spotting preparation (liquid).....	Million gals	(S)	(S)	4.6	2,420	2.4	7.0
28423 94	Fabric softeners.....	.....	(X)	(X)	55.3	(X)	(X)	46.9
	Laundry starch preparations, including permanent types (resin, starch, etc.):							
28423 95	Aerosol.....	.....	(X)	(X)	70.8	(X)	(X)	21.4
28423 96	Other liquid.....	.....	(X)	(X)	12.1			
28423 97	Dry.....	.....	(X)	(X)	8.1	(X)	(X)	23.2
28423 98	Other specialty detergents, including sweeping compounds and waterless hand cleaners.....	.....	(X)	(X)	6118.0	(X)	(X)	78.2
28423 00	Specialty cleaning and sanitation products, n.s.k.	.....	(X)	(X)	33.6	(X)	(X)	20.0
28424 --	Polishing preparations and related products, total..	.....	(X)	(X)	324.5	(X)	(X)	278.8
28424 11	Automobile body polish and cleaners.....	.....	(X)	(X)	33.7	(X)	(X)	29.1
28424 15	Furniture polishes and cleaners.....	.....	(X)	(X)	60.2	(X)	(X)	31.3
	Floor polish:							
28424 21	Water emulsion.....	Million gals	(S)	(S)	113.0	(X)	46.7	104.5
28424 23	Liquid (other than water emulsion).....	...do.....	(S)	5.4	14.4	7.2	6.9	15.4
28424 25	Other than liquid form including cake and paste.	Million lbs.	(S)	(S)	11.0	25.6	25.3	10.4
	Shoe polishes and cleaners:							
28424 42	Liquid.....	Million gals	(S)	(S)	16.9	(S)	(S)	30.3
28424 44	Paste and cake.....	Million lbs.	(S)	(S)	15.7	(S)	(S)	13.7
	Leather dressings and finishes (excluding shoe polish):							
28424 61	Leather blackings and stains.....	...do.....	(S)	(S)	10.9	15.0	15.0	5.3
28424 65	Other leather dressings and finishes.....	...do.....	(S)	(S)	17.1	44.3	45.0	15.1
28424 98	Related products including metal polish and polishing cloths and papers.....	.....	(X)	(X)	9.5	(X)	(X)	15.1
28424 00	Polishing preparations and related products, n.s.k.	.....	(X)	(X)	22.1	(X)	(X)	8.5
28420 00	Polishes and sanitation goods n.s.k. (For companies with more than 10 employees. See Note.).....	.....	(X)	(X)	68.3			
28420 02	Polishes and sanitation goods, n.s.k. (For companies with less than 10 employees. See Note.).....	.....	(X)	(X)	26.6	(X)	(X)	26.5
2843- --	SURFACE ACTIVE AGENTS, TOTAL.....	.....	(X)	(X)	403.2	(X)	(X)	283.6
	Assistants and finishes, textile and leather:							
28430 11	Sulfonated oils and fats.....	Million lbs.	(S)	123.5	24.2	135.3	133.5	27.7
28430 31	Softeners, soluble oils and greases.....	...do.....	(S)	67.3	14.3	(S)	73.1	14.5
28430 51	Other assistants[7].....	...do.....	(S)	50.0	13.2	45.3	46.0	11.1
28430 71	Finishes.....	...do.....	(S)	211.6	55.5	(S)	121.7	29.5
	Bulk surface active agents other than sulfonated oils and fats:							
28430 81	Primarily for purposes other than for detergents (emulsifiers, penetrants, wetting agents, etc.)[8].	.....	(X)	(X)	266.3	(X)	(X)	91.8
28430 91	Primarily for detergent purposes[8].....	.....				(X)	(X)	96.9
28430 00	Surface active agents, n.s.k. (For companies with more than 10 employees. See Note.).....	.....	(X)	(X)	26.9			
28430 02	Surface active agents, n.s.k. (For companies with less than 10 employees. See Note.).....	.....	(X)	(X)	2.8	(X)	(X)	12.2

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2844- --	TOILET PREPARATIONS, TOTAL	.....	(X)	2,794.2	(X)	1,858.6
28441 --	Shaving preparations, total	.....	(X)	178.7	(X)	111.1
	Shaving soap and cream:					
28441 33	Tube and jar	Million lbs...	6.6	6.7	(S)	14.8
28441 37	Aerosols	...do.....	(S)	65.1	(S)	36.2
28441 41	Stick, powder, or cake	...do.....	(S)	4.1	(S)	5.0
28441 56	Aftershave preparations (all forms)	Thousand units	(S)	93.0	(X)	42.8
28441 59	Other shaving preparations, including preshave preparations and styptics	.....	(X)	8.1	(X)	11.2
28441 00	Shaving preparations, n.s.k	.....	(X)	1.8	(X)	1.1
28442 --	Perfumes, toilet water, and colognes, total	.....	(X)	394.9	(X)	208.6
28442 11	Perfume oil mixtures and blends	.....			(X)	r52.9
28442 23	Perfumes (liquid and solid)	Thousand units	(S)	380.5	(X)	r43.1
28442 32	Toilet waters and colognes (liquid and solid)	...do.....			(X)	108.0
28442 00	Perfumes, toilet water, and colognes, n.s.k	.....	(X)	14.4	(X)	4.7
28443 --	Hair preparations (including shampoos), total	.....	(X)	771.6	(X)	592.7
	Shampoos, including products with additives for tints, coloring, or dandruff removal:					
28443 13	Soap (all forms)	Million lbs...			(S)	6.9
	Synthetic organic detergents:		(S)	195.5		
28443 16	Liquid	Million gals..			13.6	80.0
28443 18	Pastes, creams, and jellies	Million lbs...			20.7	39.9
28443 21	Hair tonics, including hair and scalp conditioners	Million gals..	(S)	41.8	2.7	44.5
	Permanent cold wave solutions, neutralizers, and rinses:					
28443 36	Home wave kits (complete and refill)	Thousand units	(S)	29.2	(X)	42.7
28443 39	Commercial	Million gals..	(S)	27.5	1.6	22.1
28443 41	Hair dressings, including brilliantines, creams, and pomades	.....	(S)	251.4	(X)	85.1
28443 51	Hair coloring preparations (bleaches, dyes, rinses, tints, etc.)	Thousand units			(X)	93.2
	Wave set preparations:					
28443 63	Liquid hair spray	...do.....	(S)	178.9	(S)	144.1
28443 65	Hair rinses (excluding color rinses)	Million gals..	(S)	25.4	(S)	14.2
28443 98	Other hair preparations, including heat setting wave solutions	.....	(X)	10.7	(X)	8.2
28443 00	Hair preparations, n.s.k	.....	(X)	11.1	(X)	11.7
28444 --	Dentifrices, including mouth washes, gargles and rinses, total	.....	(X)	323.1	(X)	228.4
28444 11	Toothpaste, including aerosols	Million lbs...	(S)	234.6	132.5	175.3
28444 31	Toothpowder	...do.....	1.5	2.1	2.2	3.2
28444 51	Denture cleaner	...do.....	(X)	(9)	(S)	17.4
28444 71	Mouthwashes, rinses, and breath sweeteners excluding antiseptic mouthwashes and gargles	Thousand units	(S)	31.1	(X)	19.7
28444 98	Other oral hygiene products, including dental floss and dental adhesives, excluding toothbrushes and toothpicks	.....	(X)	951.4	(X)	12.0
28444 00	Dentifrices, mouthwashes and related products, n.s.k	.....	(X)	4.0	(X)	0.9
28445 --	Other cosmetics and toilet preparations, total	.....	(X)	1,045.7	(X)	698.2
	Creams (excluding shaving, hair, and deodorant):					
28445 11	Cleansing creams	Thousand units	(S)	56.2	(X)	23.6
28445 12	Foundation creams	...do.....	(S)	34.8	(X)	25.8
28445 13	Lubrication creams, including hormone creams	.....	(X)	43.2	(X)	33.0
28445 14	Other creams	.....	(X)	38.5	(X)	45.8
	Lotions and oils (excluding hair, aftershave, and bath):					
28445 15	Suntan, including oils	Thousand units	(S)	58.4	(X)	22.2
28445 16	Cleansing lotions	.....	(X)	20.9	(X)	14.5
28445 17	Cosmetic oils, including baby oils but excluding suntan oils	.....	(X)	12.6	(X)	10.8
28445 18	Hand lotions	Thousand units	(S)	58.2	(X)	55.2
28445 19	Other lotions and oils, excluding hair, aftershave, and bath	.....	(X)	9.5	(X)	14.9
28445 21	Lip preparations (lipstick, lip rouge, etc.)	Thousand units	(S)	92.5	(S)	65.6
28445 22	Rouges (excluding lip rouge)	.....	(X)	6.3	(X)	4.3
28445 23	Eye preparations (mascara, eye shadow, eye liners, eye creams, etc.)	Thousand units	(S)	89.5	(X)	41.9

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2844- --	TOILET PREPARATIONS--Continued					
28445 --	Other cosmetics and toilet preparations--Continued					
	Deodorant (personal):					
28445 24	Liquid (including aerosols)	Thousand units	(S)	130.3	(S)	53.6
28445 25	Cream	Million lbs...	(S)	30.7	(NA)	31.2
28445 26	All other	...do.....	(S)	23.7	(NA)	9.5
	Manicuring preparations:					
28445 31	Nail lacquers and enamels	Thousand units	(S)	34.0	(X)	23.2
28445 33	Nail lacquers and enamel removers	...do.....	(X)	9.2	(X)	4.9
28445 39	Other manicuring preparations	.....			(X)	1.7
	Powder:					
28445 41	Talcum and toilet powder	Thousand units	(S)	86.2	(S)	65.9
28445 43	Face powder	...do.....	(S)	43.6	(S)	32.3
28445 45	Liquid and compact for wet application	.....	(X)	22.2	(X)	21.7
28445 48	Other powder, including foot powder (cream, sachet, and paste)	.....	(X)	6.6	(X)	11.4
28445 61	Bath salts, tablets, oils, and bubble bath	Thousand units	(S)	65.5	(X)	37.0
28445 98	Other cosmetics and toiletries, including depilatories	.....	(X)	18.7	(X)	24.6
28445 00	Other cosmetics and toiletries, n.s.k.	.....	(X)	54.4	(X)	23.7
28440 00	Toilet preparations, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	64.4	(X)	19.6
28440 02	Toilet preparations, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	15.8		

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. r Revised.

[1]DEFINITIONS OF SPECIFIED PRODUCTS:

ALKALINE DETERGENTS--Mixtures of sodium and/or phosphatic compound containing less than 5 percent synthetic organic surface active agent.

SOAPS--Products, including combinations of synthetic organic surface active agents and alkaline detergents, containing more than 25 percent anhydrous soap.

SYNTHETIC ORGANIC DETERGENTS--Mixture, including combinations of soap and alkaline detergents, containing 5 percent or more synthetic organic surface active agents.

HEAVY-DUTY DETERGENTS--Detergent products for laundry applications with a substantial phosphate builder.

LIGHT-DUTY DETERGENTS--Detergent products for hand dishwashing and for fine fabrics with little or no phosphate builder.

[2]Code 2841111 combined with code 2841121.

[3]Code 2841351 combined with code 2841398.

[4]Data on quantities of glycerin (synthetic and natural) produced are shown in Current Industrial Report, Series M20K, Fats and Oils, Production, Consumption, and Factory and Warehouse Stocks.

[5]Includes natural glycerin only. Additional data on quantities produced and quantities and value shipped for synthetic glycerin are shown in the United States Tariff Commission's annual report "Synthetic Organic Chemicals, United States Production and Sales."

[6]Code 2842341 combined with 2842398 in 1967.

[7]Includes figures for egg yoke, wetting agents, waterproofing emulsions, mordants other than tannic acid and an undetermined quantity of sizes, soaps, and synthetic detergents.

[8]Data on quantities produced and quantities and values shipped for many of the synthetic organic chemicals included in this grouping are shown in the United States Tariff Commission's annual report, "Synthetic Organic Chemicals, United States Production and Sales."

[9]Code 28444 51 included in code 28444 98.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
ALKALINE DETERGENTS AND ACID-TYPE CLEANERS (24811)		
United States	319.4	224.9
Northeast Region	83.0	63.0
New England Div.	4.4	4.6
Connecticut	2.4	2.8
Middle Atlantic Div.	78.6	58.4
New York	6.2	11.4
New Jersey	66.7	42.2
Pennsylvania	5.7	4.8
North Central Region	149.4	108.5
East North Central Div.	113.8	83.7
Ohio	23.4	17.2
Indiana	9.5	7.6
Illinois	49.6	35.8
Michigan	29.6	21.3
Wisconsin	1.6	1.8
West North Central Div.	35.6	25.8
Minnesota	BB	(1)
Iowa	EE	(1)
Missouri	14.1	8.0
South Region	44.6	25.9
South Atlantic Div.	EE	8.4
Georgia	CC	5.9
Florida	1.2	(D)
East South Central Div.	EE	7.3
Tennessee	AA	(1)
Mississippi	EE	(1)
West South Central Div.	20.5	10.1
Texas	19.7	9.7
West Region	42.4	27.5
Pacific Div.	FF	(D)
Washington	AA	(D)
California	40.3	26.0
SOAPS, EXCEPT SPECIALTY CLEANERS, NONHOUSEHOLD (28412)		
United States	51.9	58.7
Northeast Region	13.8	17.9
New England Div.	AA	2.8
Rhode Island	AA	(D)
Middle Atlantic Div.	EE	15.1
New York	3.3	5.0
New Jersey	BB	5.1
Pennsylvania	3.9	5.1
North Central Region	21.8	23.7
East North Central Div.	16.3	16.3
Ohio	3.5	4.3
Indiana	1.4	1.7
Illinois	8.2	8.2
Michigan	3.0	1.2
West North Central Div.	5.5	7.5
Missouri	BB	5.2
Nebraska	AA	(D)
SOAPS, EXCEPT SPECIALTY CLEANERS, NONHOUSEHOLD (28412)--Con.		
South Region	9.2	7.7
South Atlantic Div.	6.2	3.9
Maryland	AA	(1)
Virginia	AA	(D)
Georgia	2.1	1.6
West South Central Div.	2.0	2.8
Texas	2.0	2.5
West Region	7.0	9.4
Pacific Div.	CC	(D)
California	6.4	8.7
SOAPS, EXCEPT SPECIALTY CLEANERS, HOUSEHOLD (28413)		
United States	332.0	296.3
Northeast Region	86.3	72.7
New England Div.	EE	(D)
Massachusetts	EE	(1)
Middle Atlantic Div.	GG	(D)
New York	26.4	27.3
New Jersey	26.9	17.1
Pennsylvania	EE	(1)
North Central Region	173.8	159.9
East North Central Div.	149.2	132.9
Ohio	FF	(1)
Indiana	FF	(1)
Illinois	GG	67.5
West North Central Div.	24.6	27.0
Missouri	BB	(1)
Nebraska	CC	(1)
Kansas	EE	(1)
South Region	FF	(D)
South Atlantic Div.	FF	(D)
Maryland	FF	(1)
West South Central Div.	CC	(D)
Texas	CC	(1)
West Region	FF	(D)
Pacific Div.	FF	(D)
California	FF	(1)
GLYCERIN, NATURAL (28414)		
United States	48.1	38.5
Northeast Region	8.0	7.8
New England Div.	AA	(D)
Massachusetts	AA	(D)
Middle Atlantic Div.	CC	(D)
New York	BB	(1)
New Jersey	4.2	(1)
North Central Region	24.2	18.8
East North Central Div.	FF	(D)
Ohio	CC	(1)
Indiana	4.8	(1)
Illinois	8.8	6.8
GLYCERIN, NATURAL (28414)--Con.		
North Central Region--Con.		
West North Central Div.	BB	(D)
Kansas	AA	(1)
South Region	9.1	6.0
South Atlantic Div.	CC	(D)
Delaware	AA	(D)
Maryland	BB	(1)
East South Central Div.	AA	(D)
Tennessee	AA	(D)
West South Central Div.	AA	(D)
Texas	AA	(D)
West Region	6.8	5.9
Pacific Div.	6.8	5.9
California	6.8	(1)
SYNTHETIC ORGANIC DETERGENTS, HOUSEHOLD (28415)		
United States	1,235.4	1,029.4
Northeast Region	232.6	210.2
New England Div.	FF	(D)
Massachusetts	FF	(1)
Connecticut	AA	(D)
Middle Atlantic Div.	GG	(D)
New York	FF	(1)
New Jersey	124.2	110.9
Pennsylvania	EE	(1)
North Central Region	591.5	495.1
East North Central Div.	367.0	302.7
Ohio	GG	(1)
Indiana	GG	(1)
Illinois	58.8	45.1
Michigan	FF	(1)
Wisconsin	AA	(1)
West North Central Div.	224.5	192.4
Missouri	GG	(D)
Kansas	GG	(1)
South Region	GG	(D)
Maryland	GG	(1)
South Carolina	EE	(1)
Georgia	GG	(1)
Florida	CC	(1)
West South Central Div.	FF	(D)
Texas	FF	(1)
West Region	GG	(D)
Pacific Div.	GG	(D)
California	GG	(1)
SYNTHETIC ORGANIC DETERGENTS, NONHOUSEHOLD (28416)		
United States	140.8	115.3
Northeast Region	53.1	41.4
New England Div.	4.9	3.2
Massachusetts	2.5	1.8
Rhode Island	AA	(D)
Connecticut	AA	(D)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
SYNTHETIC ORGANIC DETERGENTS, NONHOUSEHOLD (28416)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	48.1	38.2
New York	CC	(1)
New Jersey	17.7	12.2
Pennsylvania	FF	(1)
North Central Region	51.3	53.8
East North Central Div.	46.0	48.8
Ohio	12.0	12.8
Indiana	4.8	4.4
Illinois	20.6	21.5
Michigan	6.9	8.1
Wisconsin	1.7	2.0
West North Central Div.	5.3	5.0
Missouri	3.4	3.2
South Region	20.2	11.3
South Atlantic Div.	11.9	(D)
Maryland	3.2	1.9
Georgia	7.7	4.6
West South Central Div.	7.6	(D)
Texas	7.6	3.3
West Region	16.2	8.7
Pacific Div.	EE	(D)
California	15.9	8.4
HOUSEHOLD INSECTICIDES AND REPELLENTS (28421)		
United States	129.9	110.8
Northeast Region	29.9	23.7
New England Div.	3.0	3.6
Massachusetts	BB	2.8
Middle Atlantic Div.	27.0	20.1
New York	CC	(D)
New Jersey	19.9	12.1
Pennsylvania	AA	(D)
North Central Region	69.5	54.2
East North Central Div.	49.1	37.3
Ohio	CC	(D)
Illinois	CC	16.1
Michigan	AA	(1)
Wisconsin	FF	(1)
West North Central Div.	20.4	16.9
Minnesota	CC	(D)
Missouri	EE	8.3
Kansas	BB	(1)
South Region	20.0	21.7
South Atlantic Div.	8.8	(D)
Maryland	BB	(D)
Virginia	AA	(D)
Georgia	3.5	3.8
Florida	1.8	1.8
East South Central Div.	CC	(D)
Tennessee	CC	6.8
West South Central Div.	CC	(D)
Louisiana	CC	(1)
West Region	10.4	11.2
Pacific Div.	CC	(D)
California	9.5	10.8
SPECIALTY CLEANING AND SANITATION PRODUCTS (28423)		
United States	528.0	331.7
Northeast Region	120.4	95.0
New England Div.	27.2	14.0
Massachusetts	EE	7.0
Rhode Island	AA	(D)
Connecticut	14.8	6.8
Middle Atlantic Div.	93.2	81.0
New York	33.0	33.9
New Jersey	36.7	33.2
Pennsylvania	23.5	13.9
North Central Region	310.0	171.7
East North Central Div.	277.9	155.7
Ohio	68.5	46.8
Indiana	CC	8.1
Illinois	157.5	78.5
Michigan	25.5	11.0
Wisconsin	EE	11.4
West North Central Div.	32.2	16.0
Missouri	22.6	11.2
Nebraska	AA	(1)
Kansas	CC	(D)
South Region	60.2	39.0
South Atlantic Div.	38.5	24.8
Maryland	14.0	11.9
South Carolina	BB	(1)
Georgia	19.1	9.0
East South Central Div.	2.4	3.2
Tennessee	AA	2.6
West South Central Div.	19.3	11.0
Louisiana	BB	(D)
Texas	16.5	10.3
West Region	37.4	26.0
Pacific Div.	FF	(D)
California	36.3	25.2
POLISHING PREPARATIONS AND RELATED PRODUCTS (28424)		
United States	324.5	278.8
Northeast Region	86.8	91.1
New England Div.	21.9	25.5
Massachusetts	18.8	22.6
Connecticut	AA	(1)
Middle Atlantic Div.	64.9	65.6
New York	29.9	35.6
New Jersey	12.2	11.8
Pennsylvania	22.8	18.1
North Central Region	199.1	151.7
East North Central Div.	191.8	144.7
Ohio	EE	(1)
Indiana	CC	7.8
Illinois	41.1	40.7
Michigan	13.3	7.9
Wisconsin	GG	(1)
West North Central Div.	7.3	7.0
Missouri	CC	5.9
Nebraska	AA	(D)
South Region	26.2	22.1
South Atlantic Div.	EE	(D)
Maryland	3.0	1.9
North Carolina	AA	(D)
Georgia	10.0	8.1
Florida	1.4	2.2
POLISHING PREPARATIONS AND RELATED PRODUCTS (28424)--Con.		
South Region--Con.		
East South Central Div.	CC	(D)
Tennessee	CC	(1)
West South Central Div.	BB	(D)
Texas	BB	1.3
West Region	12.3	13.8
Pacific Div.	EE	(D)
California	11.5	12.9
SURFACE ACTIVE FINISHING AGENTS (28430)		
United States	403.2	283.6
Northeast Region	174.3	139.8
New England Div.	29.9	25.7
Massachusetts	20.5	19.0
Rhode Island	CC	5.2
Connecticut	AA	1.5
Middle Atlantic Div.	144.5	114.1
New York	15.5	14.2
New Jersey	102.9	72.5
Pennsylvania	26.1	27.4
North Central Region	78.4	50.4
East North Central Div.	GG	(D)
Ohio	22.0	17.8
Illinois	36.0	18.9
Michigan	9.9	6.7
Wisconsin	BB	(D)
West North Central	CC	(D)
Kansas	CC	(1)
South Region	131.7	80.3
South Atlantic Div.	92.6	52.1
Delaware	EE	(1)
Maryland	EE	(1)
West Virginia	CC	(1)
North Carolina	19.1	9.9
South Carolina	10.9	5.9
Georgia	19.9	12.1
East South Central Div.	16.1	15.4
Kentucky	6.5	(1)
Tennessee	9.2	7.2
West South Central Div.	23.0	12.8
Louisiana	CC	3.9
Texas	EE	8.9
West Region	18.7	13.2
Pacific Div.	EE	(D)
California	EE	(1)
SHAVING PREPARATIONS (28441)		
United States	178.7	111.1
Northeast Region	108.2	68.0
New England Div.	26.5	(D)
Maine	BB	(D)
Massachusetts	EE	(1)
Rhode Island	BB	(D)
Connecticut	BB	(D)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
SHAVING PREPARATIONS (28441)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	81.7	(D)
New York	EE	10.6
New Jersey	70.0	45.5
North Central Region	44.6	24.0
East North Central Div.	40.7	19.6
Ohio	EE	(D)
Indiana	EE	(1)
Illinois	EE	(1)
West North Central Div.	4.0	4.5
Missouri	BB	(1)
Kansas	AA	(1)
South Region	18.8	15.2
South Atlantic Div.	CC	(D)
Maryland	CC	(1)
Georgia	BB	(1)
East South Central Div.	CC	(D)
Tennessee	CC	(1)
West Region	7.1	3.9
Pacific Div.	7.1	3.9
California	CC	(1)
PERFUMES, TOILET WATER, AND COLOGNES (28442)		
United States	394.9	208.6
Northeast Region	281.3	158.8
New England Div.	24.1	9.0
Maine	BB	(D)
Massachusetts	BB	(1)
Rhode Island	BB	(D)
Connecticut	EE	(1)
Middle Atlantic Div.	257.2	149.8
New York	150.0	102.3
New Jersey	91.0	(1)
Pennsylvania	16.2	(1)
North Central Region	GG	32.7
East North Central Div.	GG	31.4
Ohio	FF	(1)
Illinois	FF	(1)
West North Central Div.	2.3	1.2
Missouri	1.5	(D)
South Region	3.1	3.6
South Atlantic Div.	AA	(D)
East South Central Div.	AA	(D)
Tennessee	AA	2.8
PERFUMES, TOILET WATER, AND COLOGNES (28442)--Con.		
West Region	FF	13.4
Pacific Div.	FF	13.4
California	FF	13.1
Hawaii	AA	(D)
HAIR PREPARATIONS (INCLUDING SHAMPOOS) (28443)		
United States	771.6	592.7
Northeast Region	375.6	248.4
New England Div.	211.9	114.6
Massachusetts	FF	(1)
Connecticut	GG	(1)
Middle Atlantic Div.	156.3	133.8
New York	FF	(1)
New Jersey	117.7	88.1
Pennsylvania	BB	(1)
North Central Region	347.5	314.5
East North Central Div.	170.0	190.7
Ohio	FF	(1)
Indiana	CC	(1)
Illinois	126.9	153.2
West North Central Div.	177.5	123.7
Minnesota	GG	92.2
Iowa	GG	(1)
Missouri	BB	(1)
Kansas	BB	(1)
South Region	7.2	7.6
South Atlantic Div.	BB	(D)
West South Central Div.	BB	(D)
Texas	BB	(D)
West Region	41.3	22.1
Pacific Div.	FF	(D)
California	FF	(D)
DENTIFRICES, MOUTHWASHES, GARGLES, RINSES (28444)		
United States	323.1	228.4
Northeast Region	134.7	72.2
New England Div.	BB	(D)
Massachusetts	AA	(D)
Middle Atlantic Div.	GG	(D)
New York	EE	14.9
New Jersey	104.9	56.8
Pennsylvania	EE	(1)
North Central Region	175.9	143.5
East North Central Div.	GG	(D)
Ohio	GG	(1)
Indiana	FF	(1)
Illinois	31.8	(1)
Michigan	1.7	1.6
DENTIFRICES, MOUTHWASHES, GARGLES, RINSES (28444)--Con.		
North Central Region--Con.		
West North Central Div.	GG	(D)
Iowa	FF	(1)
Kansas	EE	(1)
South Region	CC	(D)
South Atlantic Div.	2.4	(D)
Maryland	AA	(D)
East South Central Div.	CC	(D)
Tennessee	CC	(D)
West Region	EE	(D)
Pacific Div.	EE	(D)
California	EE	(1)
OTHER COSMETICS AND TOILET PREPARATIONS (28445)		
United States	1,045.7	698.2
Northeast Region	562.9	408.0
New England Div.	106.2	47.4
Massachusetts	GG	(1)
Connecticut	GG	(1)
Middle Atlantic Div.	456.7	360.6
New York	177.8	(1)
New Jersey	255.4	196.6
Pennsylvania	23.6	(1)
North Central Region	297.0	163.5
East North Central Div.	242.8	150.4
Ohio	89.6	27.8
Indiana	BB	(1)
Illinois	141.9	113.6
Michigan	BB	(1)
Wisconsin	BB	2.7
West North Central Div.	54.2	13.1
Minnesota	CC	(1)
Iowa	EE	(D)
Missouri	33.1	6.8
Kansas	AA	(D)
South Region	78.8	54.6
South Atlantic Div.	FF	(D)
Maryland	FF	(1)
West Virginia	AA	(1)
North Carolina	BB	(D)
Florida	BB	(D)
East South Central Div.	FF	(D)
Tennessee	FF	(1)
West South Central Div.	EE	(D)
Texas	11.2	4.4
West Region	107.0	72.0
Mountain Div.	CC	(D)
Nevada	CC	(1)
Pacific Div.	GG	(D)
California	GG	(1)

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(in millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2841-	Soap and other detergents	2,200.8	2,074.6	1,955.8	1,882.4	1,780.7	1,463.8	1,079.9	(NA)
28411	Alkaline detergents and acid-type cleaners	319.4	325.5	278.1	252.7	224.9	144.5	(NA)	(NA)
28412	Soaps, except specialty cleaners, nonhousehold	51.9	66.4	67.3	67.0	58.7	73.7	49.0	101.8
28413	Soaps, except specialty cleaners, household	332.0	332.7	317.4	309.2	296.3	288.5	331.0	(NA)
28414	Glycerin, natural	48.1	59.2	45.7	44.9	38.5	70.4	75.8	88.6
28415	Synthetic organic detergents, household	1,235.4	1,136.0	1,106.9	1,063.7	1,029.4	813.1	504.1	93.2
28416	Synthetic organic detergents, nonhousehold	140.8	138.0	124.3	128.9	115.3	66.9	41.2	(NA)
28410	Soap and other detergents, except specialty cleaners, n.s.k.	73.2	16.9	15.9	16.0	17.6	6.8	(NA)	(NA)
2842-	Polishes and sanitation goods	1,077.4	996.8	890.2	798.6	747.8	536.3	417.4	(NA)
28421	Household insecticides and repellents	129.9	135.1	122.2	111.9	110.8	85.9	60.6	(NA)
28423	Specialty cleaning and sanitation products	528.0	519.7	447.7	364.9	331.7	181.5	(NA)	(NA)
28424	Polishing preparations and related products	324.5	317.4	295.4	295.9	278.8	240.3	225.6	110.1
28420	Specialty cleaning, polishing and sanitation preparations, except soap and detergents, n.s.k.	94.9	(24.5)	24.9	25.9	26.5	28.6	(NA)	(NA)
2843-	Surface active agents	403.2	367.4	334.5	313.2	283.6	209.8	165.9	(NA)
2844-	Toilet preparations	2,794.2	2,545.1	2,286.2	2,089.4	1,858.6	1,126.0	728.7	(NA)
28441	Shaving preparations	178.7	161.7	145.2	123.2	111.1	74.9	55.2	(NA)
28442	Perfumes, toilet water, and colognes	394.9	340.7	263.8	241.7	208.6	103.4	77.0	(NA)
28443	Hair preparations (including shampoos)	771.6	761.3	706.4	660.2	592.7	315.8	220.4	92.3
28444	Dentifrices, including mouthwashes, gargles and rinses	323.1	299.0	259.2	248.4	228.4	197.8	130.8	93.1
28445	Other cosmetics and toilet preparations	1,045.7	961.2	889.1	799.8	698.2	418.4	238.4	(NA)
28440	Toilet preparations, n.s.k.	80.2	(21.3)	(22.5)	16.1	19.6	15.6	(NA)	(NA)

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses for the value of shipments either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, at the individual product level, the estimates may be of limited reliability; however, they may be combined with other product-class totals into broader aggregates which are of acceptable reliability.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967				1963			
				Total consumption of materials (quantity)	Consumption of materials received from other establishments: Quantity	Consumption of materials received from other establishments: Delivered cost (million dollars)	Materials made and consumed in same plant (quantity)	Total consumption of materials (quantity)	Consumption of materials received from other establishments: Quantity	Consumption of materials received from other establishments: Delivered cost (million dollars)	Materials made and consumed in same plant (quantity)
	INDUSTRY 2841.--SOAP AND OTHER DETERGENTS										
	Material, containers, and supplies, total	.....	.....	(X)	(X)	1,050.4	(X)	(X)	(X)	883.8	(X)
284309	Bulk surface active agents, except sulfonated oils and fats	Active wt...	Million lbs.	(S)	748.3	93.6	(S)	882.4	765.5	93.7	116.9
284308	Other emulsifiers, wetting agents, penetrants, etc	Active wt...	...do.....	(S)	153.6	22.2	(S)	117.5	116.6	12.9	0.9
284421	Perfume oil mixtures and blends	.....	.....	(X)	(X)	44.1	(X)	(X)	(X)	23.0	(X)
284141	Glycerin	100%.....	Million lbs.	(S)	85.2	16.5	(S)	88.2	68.3	9.5	19.9
209411	Grease and inedible tallow	.....	...do.....	(X)	945.3	55.3	(X)	951.3	951.3	55.9	(X)
281971	Potassium pyrophosphate (TKPP)	100% $K_4P_2O_7$.	1000 s tons.	(X)	(S)	4.0	(X)	(S)	(S)	6.0	(X)
281228	Sodium carbonate (soda ash)	58% Na_2O....	...do.....	(X)	194.4	7.6	(X)	145.5	145.5	4.9	(X)
281238	Sodium hydroxide (caustic soda)	100% NaOH...	...do.....	(X)	273.0	18.6	(X)	260.9	260.9	20.0	(X)
281972	Sodium tripolyphosphate (STPP)	100% $Na_5P_3O_{10}$...	...do.....	(X)	860.1	112.7	(X)	696.2	696.2	96.9	(X)
281973	Tetrasodium pyrophosphate (TSPP)	100% $Na_4P_2O_7$	...do.....	(X)	69.2	9.1	(X)	109.2	109.2	13.9	(X)
281974	Trisodium phosphate (TSP)	100% Na_3PO_4.	...do.....	(X)	80.2	8.9	(X)	(S)	(S)	3.9	(X)
209011	Vegetable oil	.....	Million lbs.	(S)	255.9	32.4	(S)	387.2	387.1	47.2	(S)
	Containers:										
265011	Paperboard	.....	.....	(X)	(X)	114.8	(X)	(X)	(X)	90.3	(X)
340001	Metal	.....	.....	(X)	(X)	27.1	(X)	(X)	(X)	18.9	(X)
322101	Glass	.....	.....	(X)	(X)	10.4	(X)	(X)	(X)	8.4	(X)
307940	Plastic	.....	.....	(X)	(X)	79.8	(X)	(X)	(X)	63.5	(X)
970099	All other materials and components, parts, containers and supplies consumed	.....	.....	(X)	(X)	356.3	(X)	(X)	(X)	275.6	(X)
976000	Materials, containers, supplies, n.s.k.[1]	.....	.....	(X)	(X)	37.0	(X)	(X)	(X)	[1]39.4	(X)
	INDUSTRY 2842.--POLISHES AND SANITATION GOODS										
	Material, containers, and supplies, total	.....	.....	(X)	(X)	387.7	(X)	(X)	(X)	280.9	(X)
284309	Bulk surface active agents, except sulfonated oils and fats	Active wt...	Million lbs.	(S)	49.0	7.9	(S)	30.0	29.6	5.1	0.3
284308	Other emulsifiers, wetting agents, penetrants, etc	Active wt...	...do.....	(S)	14.7	3.3	(S)	13.7	11.9	3.7	1.8
284421	Perfume oil mixtures and blends	.....	.....	(X)	(X)	4.1	(X)	(X)	(X)	2.3	(X)
284141	Glycerin	100%.....	Million lbs.	(S)	1.2	0.3	(S)	(D)	1.3	0.3	(D)
209411	Grease and inedible tallow	.....	...do.....	6.2	6.2	0.9	(X)	4.1	4.1	0.5	(X)
281971	Potassium pyrophosphate (TKPP)	100% $K_4P_2O_7$.	1000 s tons.	(S)	(S)	1.2	(X)	0.5	0.5	0.1	(X)
281228	Sodium carbonate (soda ash)	58% Na_2O....	...do.....	(S)	(S)	0.7	(X)	6.5	6.5	0.3	(X)
281238	Sodium hydroxide (caustic soda)	100% NaOH...	...do.....	(S)	(S)	1.7	(X)	10.6	10.6	1.1	(X)
281972	Sodium tripolyphosphate (STPP)	100% $Na_5P_3O_{10}$ ..	...do.....	10.1	10.1	1.7	(X)	6.6	6.6	0.8	(X)
281973	Tetrasodium pyrophosphate (TSPP)	100% $Na_4P_2O_7$	...do.....	(S)	(S)	.5	(X)	0.2	0.2	0.1	(X)
281974	Trisodium phosphate (TSP)	100% Na_3PO_4.	...do.....	(S)	(S)	0.3	(X)	2.6	2.6	0.3	(X)
209011	Vegetable oil	.....	Million lbs.	(S)	10.5	1.6	(S)	4.6	4.6	0.7	(X)
	Containers:										
265011	Paperboard	.....	.....	(X)	(X)	14.7	(X)	(X)	(X)	9.1	(X)
340001	Metal	.....	.....	(X)	(X)	60.4	(X)	(X)	(X)	50.7	(X)
322101	Glass	.....	.....	(X)	(X)	11.7	(X)	(X)	(X)	9.7	(X)
307940	Plastic	.....	.....	(X)	(X)	22.6	(X)	(X)	(X)	4.9	(X)
970099	All other materials and components, parts, containers and supplies consumed	.....	.....	(X)	(X)	160.5	(X)	(X)	(X)	123.5	(X)
976000	Materials, containers, supplies, n.s.k.[1]	.....	.....	(X)	(X)	93.6	(X)	(X)	(X)	[1]67.9	(X)

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Product code	Product	Delivered cost (million dollars)	
		1967	1963
	INDUSTRY 2844.--TOILET PREPARATIONS		
	Materials, containers, and supplies, total	699.4	504.7
	Containers:		
307940	Plastics	82.2	59.0
322102	Glass	80.7	72.2
260091	Paper and paperboard	81.6	55.4
340001	Metal	74.7	69.5
970099	All other materials and components, parts, containers, and supplies consumed	296.7	204.7
976000	Materials, containers, supplies, n.s.k.[1]	83.5	43.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Soap and other detergents (SIC 2841)
	Cost of purchased fuels and electric energy, total	Million dollars.	14.6
	Cost of purchased fuels, total	.....do....	9.1
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity	1,000 short tons	167.8
	Cost	Million dollars.	2.0
	Fuel oil, total:		
	Quantity	1,000 barrels...	769.4
	Cost	Million dollars.	2.0
291141	Distillate:		
	Quantity	1,000 barrels...	215.7
	Cost	Million dollars.	0.6
291151	Residual:		
	Quantity	1,000 barrels...	553.7
	Cost	Million dollars.	1.4
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
	Quantity	Million cu. ft..	10,297.5
	Cost	Million dollars.	4.9
960013	Other fuels (gasoline, LPG, wood, etc.)	.....do....	0.1
	Fuels, n.s.k	.....do....	-
	Purchased electric energy:		
	Quantity	Million kw.-hrs.	468.4
	Cost	Million dollars.	5.5
	Quantity of electric energy generated less quantity sold	Million kw.-hrs.	43.4
	Total energy used for heat and power[1]	Million kw.-hrs. equivalent.....	5,884.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization--the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization--the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new
			Number	Payroll	Number	Man-hours	Wages				
		(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2841	SOAP AND OTHER DETERGENTS										
	ENTIRE INDUSTRY	668	30.3	243.0	20.0	40.1	145.3	1 403.7	1 202.0	2 593.4	48.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	566	20.0	164.2	13.6	27.6	102.8	971.1	877.0	1 840.5	32.5
28411	ALKALINE DETERGENTS AND ACID-TYPE CLEANERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	156	5.3	38.8	2.6	5.2	14.9	219.0	167.2	383.0	6.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	83	2.2	15.5	1.1	2.3	6.5	99.1	72.5	170.5	1.6
28412	SOAPS, EXCEPT SPECIALTY CLEANERS, NONHOUSEHOLD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	20	.9	6.0	.6	1.0	2.8	12.9	19.6	32.3	.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	6	.2	1.5	.1	.3	.7	3.2	3.1	6.2	(Z)
28413	SOAPS, EXCEPT SPECIALTY CLEANERS, HOUSEHOLD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	32	3.0	21.1	2.0	3.8	12.2	108.1	115.2	222.5	2.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	14	1.7	13.0	1.1	2.3	7.2	76.5	87.4	163.6	1.6
28414	GLYCERIN, NATURAL										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28415	SYNTHETIC ORGANIC DETERGENTS, HOUSEHOLD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	55	17.2	151.5	12.8	26.1	103.9	990.0	829.6	1 812.4	32.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	24	4.2	35.8	3.2	6.7	26.0	223.8	221.9	444.0	6.3
28416	SYNTHETIC ORGANIC DETERGENTS, NONHOUSEHOLD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	54	1.3	9.8	.7	1.3	3.9	28.4	31.0	58.8	1.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	21	.3	2.2	.2	.3	1.0	7.7	8.4	16.2	.2
2842	POLISHES AND SANITATION GOODS										
	ENTIRE INDUSTRY	1 004	19.4	128.7	11.8	22.6	56.5	666.1	449.0	1 108.0	16.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	908	12.1	78.1	7.8	14.6	36.9	435.5	290.6	721.1	11.3
28421	HOUSEHOLD INSECTICIDES AND REPELLENTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	46	1.4	8.2	1.0	1.8	4.0	35.5	42.4	78.2	.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	35	.7	4.5	.5	.9	2.0	24.9	28.9	54.2	.4
28423	SPECIALTY CLEANING AND SANITATION PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	154	7.6	52.9	4.5	8.9	22.8	303.7	209.4	509.0	9.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	88	2.0	14.5	1.2	2.3	5.5	80.9	51.9	132.0	1.3
28424	POLISHING PREPARATIONS AND RELATED PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	124	6.6	47.5	3.9	7.9	21.6	270.2	148.6	415.4	4.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	78	2.8	20.4	1.7	3.2	9.5	88.9	54.9	143.0	1.3
2843	SURFACE ACTIVE AGENTS										
	ENTIRE INDUSTRY	164	5.7	49.9	3.1	6.3	20.6	129.5	166.5	294.2	8.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	136	3.3	29.1	1.8	3.6	11.2	76.1	102.9	179.1	4.3
2844	TOILET PREPARATIONS										
	ENTIRE INDUSTRY	672	41.5	262.2	26.4	50.2	125.0	1 730.6	804.9	2 515.6	52.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	611	36.4	230.6	23.2	44.2	111.1	1 628.5	718.1	2 327.6	28.7
28441	SHAVING PREPARATIONS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	12	.7	3.7	.5	1.0	2.0	18.3	12.2	30.3	.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	4	.1	.5	(Z)	.1	.1	1.8	1.3	3.1	.1
28442	PERFUMES, TOILET WATER, AND COLOGNES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	42	3.1	26.2	1.7	3.2	8.2	111.5	77.3	186.6	7.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	29	1.4	11.1	.7	1.3	3.3	47.7	44.8	90.6	2.7
28443	HAIR PREPARATIONS (INCLUDING SHAMPOOS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	69	10.5	65.5	6.3	11.9	29.5	501.2	307.2	799.6	6.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	40	5.8	36.1	3.6	7.0	17.8	350.8	185.5	528.9	4.2
28444	DENTIFRICES, MOUTHWASHES, GARGLES, RINSES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	13	2.1	15.7	1.2	2.3	7.0	172.2	52.5	225.1	1.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28445	OTHER COSMETICS AND TOILET PREPARATIONS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	113	21.7	134.6	14.1	27.3	69.8	873.7	324.2	1 189.0	18.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	66	9.4	56.0	6.4	12.4	30.2	261.3	102.7	363.4	4.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

PAINTS AND ALLIED PRODUCTS; GUM AND WOOD CHEMICALS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2851--Paints, Varnishes, Lacquers, Enamels, and Allied Products
2861--Gum and Wood Chemicals

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

This industry comprises establishments primarily engaged in manufacturing paints (in paste and ready mixed form), varnishes, lacquers, enamels, and shellac; putties and caulking compounds; wood fillers and sealers; paint and varnish removers; paint brush cleaners, and allied paint products. For a detailed list of products of industry 2851, refer to table 6A, product codes 2851111 to 2851975.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Paints and Allied Products Industry in 1967 totaled $2,911.4 million. This included shipments of paints and allied products (primary products), valued at $2,598.5 million, shipments of other products (secondary products) valued at $133.0 million, and miscellaneous receipts of $179.8 million.

This industry's shipments of paints and allied products (primary products) in 1967 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 95 percent. Secondary products shipped by this industry in 1967 consisted mainly of plastics materials and resins ($35.5 million), and adhesives and gelatin ($13.7 million).

Industry 2851 shipments of paint and allied products (primary products) in 1967 represented 96 percent (coverage ratio) of these products valued at $2,703.8 million shipped by all industries. In 1963, the coverage ratio was 96 percent. Other industries shipping paint and allied products (primary products) consisted mainly of industry 2893, Printing Ink, $14.1 million; industry 2821, Plastics Materials and Resins, $13.4 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2851, these establishments accounted for 0.2 percent of payroll and 1.1 percent of value added by manufacture.

2861--GUM AND WOOD CHEMICALS

This industry comprises establishments primarily engaged in manufacturing hardwood and softwood distillation products, wood and gum naval stores, charcoal, natural dyestuffs, and natural tanning materials.

Establishments primarily engaged in manufacturing synthetic tanning materials are classified in industry 2818, synthetic dye in industry 2815, and synthetic organic chemicals in industry 2818. For a detailed list of products of industry 2861, refer to table 6A, product codes 2861113 to 2861295.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Gum and Wood Chemicals Industry in 1967 totaled $215.9 million. This included shipments of gum and wood chemicals (primary products), valued at $155.9 million, shipments of other products (secondary products) valued at $56.3 million, and miscellaneous receipts of $3.8 million.

This industry's shipments of gum and wood chemicals (primary products) in 1967 represented 73 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 74 percent. Secondary products shipped by this industry in 1967 consisted mainly of adhesives and gelatin and agricultural chemicals.

Industry 2861 shipments of gum and wood chemicals (primary products) in 1967 represented 76 percent (coverage ratio) of these products valued at $205.1 million shipped by all industries. In 1963, the coverage ratio was 77 percent. Other industries shipping gum and wood chemicals (primary products) consisted mainly of industry 2631, Paperboard Mills, $24.1 million; and industry 2621, Papermills, Except Building Paper, $8.1 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2861, these establishments accounted for 2.4 percent of payroll and 2.5 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 2851.--PAINTS AND ALLIED PRODUCTS													
1967 Census....	1,701	680	66.1	492.0	36.3	73.1	223.4	1,318.5	1,606.4	2,911.4	70.7	426.7	95	96
1966 ASM[1].....	(NA)	(NA)	67.2	487.6	37.2	75.8	225.1	1,348.3	1,645.1	2,970.4	63.1	414.0	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	65.2	453.2	36.0	73.3	208.1	1,256.7	1,536.0	2,785.6	63.1	370.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	61.0	424.9	33.9	70.2	195.3	1,146.5	1,430.4	2,553.0	39.0	353.2	(NA)	(NA)
1963 Census....	1,788	654	61.3	401.2	33.8	69.1	183.5	1,111.7	1,350.2	2,456.4	37.7	340.2	95	96
1962 ASM[1].....	(NA)	(NA)	58.2	374.8	32.3	66.4	168.4	955.9	1,231.8	2,196.0	29.4	307.2	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	58.4	359.8	32.8	65.5	162.4	912.5	1,178.1	2,096.1	26.8	300.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	59.2	359.2	33.5	66.7	162.5	902.4	1,209.6	2,119.4	26.4	289.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	60.8	349.4	34.3	68.4	162.8	915.8	1,219.0	2,124.7	25.3	306.9	(NA)	(NA)
1958 Census[2]...	1,709	600	58.8	323.4	33.2	66.9	153.1	806.9	1,072.9	1,878.7	35.4	280.4	94	95
	INDUSTRY 2861--GUM AND WOOD CHEMICALS													
1967 Census....	184	42	5.9	33.5	4.6	9.0	23.1	100.8	115.3	215.9	20.6	46.3	73	76
1966 ASM[1].....	(NA)	(NA)	5.0	31.5	3.8	7.9	21.4	99.2	109.6	208.7	*6.6	43.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	5.8	32.1	4.3	8.8	21.9	92.6	112.3	206.2	4.4	46.4	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	6.4	32.4	5.0	10.1	22.4	102.3	116.9	222.0	4.9	48.9	(NA)	(NA)
1963 Census....	246	53	6.8	32.7	5.4	10.8	22.9	100.3	114.6	212.9	5.6	53.7	74	77
1962 ASM[1].....	(NA)	(NA)	6.2	29.6	4.9	10.8	20.4	100.5	100.5	199.6	*5.2	49.0	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	6.7	31.3	5.3	11.4	21.8	99.1	107.5	201.0	7.0	49.4	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	6.8	32.1	5.6	12.3	22.9	99.5	112.9	208.3	9.3	44.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	7.1	31.4	5.8	12.2	22.7	93.9	111.3	202.4	*16.4	36.7	(NA)	(NA)
1958 Census[2]...	190	41	7.3	30.1	5.9	11.6	21.8	85.3	99.3	182.2	4.9	31.3	71	86

Note: In 1967, 1963, and 1958, the number of companies in industry 2851 was 1,459, 1,579, respectively (1958 count is not available); in industry 2861: 172, 229, and 178. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (*) These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2851.--PAINTS AND ALLIED PRODUCTS								
1967 Census.....	7,441	55	2,014	3.06	.55	.72	19,940	37	18.03
1966 ASM.....	7,255	55	2,038	2.97	.55	.72	20,058	36	17.79
1965 ASM.....	6,946	55	2,038	2.84	.55	.71	19,262	36	17.14
1964 ASM.....	6,969	56	2,069	2.78	.56	.73	18,804	37	16.34
1963 Census.....	6,549	55	2,043	2.66	.55	.71	18,145	36	16.08
1962 ASM.....	6,439	55	2,057	2.53	.56	.73	16,421	39	14.39
1961 ASM.....	6,164	56	2,001	2.48	.56	.73	15,629	39	13.92
1960 ASM.....	6,070	57	1,990	2.44	.57	.74	15,247	40	13.52
1959 ASM.....	5,749	56	1,996	2.38	.57	.74	15,069	38	13.39
1958 Census.....	5,502	56	2,016	2.29	.57	.74	13,730	40	12.06
	INDUSTRY 2861.--GUM AND WOOD CHEMICALS								
1967 Census.....	5,734	79	1,951	2,57	.53	.69	17,226	33	11.19
1966 ASM.....	6,266	75	2,077	2.72	.53	.68	19,710	32	12.61
1965 ASM.....	5,576	75	2,034	2.49	.54	.70	16,082	35	10.51
1964 ASM.....	5,059	79	2,004	2.22	.53	.67	15,971	32	10.13
1963 Census.....	4,815	79	2,016	2.12	.54	.69	14,783	33	9.29
1962 ASM.....	4,741	79	2,180	1.89	.50	.65	16,126	29	9.34
1961 ASM.....	4,683	79	2,145	1.92	.53	.69	14,843	32	8.71
1960 ASM.....	4,690	81	2,212	1.86	.54	.70	14,529	32	8.10
1959 ASM.....	4,446	82	2,104	1.87	.55	.71	13,300	33	7.71
1958 Census.....	4,151	82	1,955	1.88	.54	.71	11,764	35	7.38

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2851-- PAINTS AND ALLIED PRODUCTS													
UNITED STATES	1 701	680	66.1	492.0	36.3	73.1	223.4	1 318.5	1 606.4	2 911.4	70.7	61.3	1 111.7
NORTHEAST REGION	543	195	18.1	134.1	10.5	20.7	64.4	354.1	411.6	762.2	14.8	17.7	310.1
NEW ENGLAND DIVISION	98	30	2.1	15.3	1.2	2.4	6.9	38.0	43.0	80.3	.9	2.3	36.1
MASSACHUSETTS	67	23	1.6	11.1	1.0	1.9	5.5	29.1	31.6	60.2	.7	1.7	28.4
RHODE ISLAND	7	2	.2	1.3	.1	.2	.4	2.6	4.0	6.8	.1	.3	3.0
CONNECTICUT[e]	17	4	.3	2.3	.1	.3	.7	5.1	5.4	10.2	.1	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	445	165	15.9	118.7	9.2	18.3	57.5	316.2	368.6	682.0	13.9	15.4	274.0
NEW YORK	179	48	3.9	27.2	2.2	4.4	12.3	72.3	82.3	153.4	2.0	3.7	59.5
NEW JERSEY	184	81	7.6	57.6	4.6	9.2	30.3	168.5	197.4	363.3	7.9	7.0	139.2
PENNSYLVANIA	82	36	4.4	33.9	2.4	4.6	14.9	75.4	89.0	165.3	4.1	4.7	75.3
NORTH CENTRAL REGION[e]	509	232	27.3	208.0	15.1	30.6	94.4	546.4	671.1	1 209.4	26.1	25.6	462.2
EAST NORTH CENTRAL DIVISION	402	183	22.7	174.1	12.5	25.4	79.2	461.3	565.7	1 020.3	21.4	21.8	387.0
OHIO	113	55	7.3	54.7	3.8	7.7	23.5	140.8	157.1	296.3	6.6	6.2	102.0
INDIANA	35	15	1.5	12.4	.7	1.5	4.4	26.7	27.7	54.2	1.1	1.5	20.6
ILLINOIS	154	77	9.2	68.8	5.4	11.0	33.7	190.1	249.2	435.5	8.3	9.1	158.9
MICHIGAN	69	28	3.9	31.2	2.2	4.3	15.0	87.3	112.3	198.4	4.8	3.8	82.0
WISCONSIN	31	8	.9	7.0	.4	.9	2.7	16.3	19.4	35.8	.6	1.1	23.4
WEST NORTH CENTRAL DIVISION	107	49	4.6	33.9	2.6	5.2	15.2	85.1	105.3	189.1	4.7	3.8	75.2
MINNESOTA	22	9	.6	4.7	.3	.7	1.9	9.1	15.1	23.7	.5	.6	8.0
IOWA	11	6	.5	4.0	.4	.7	2.3	24.1	22.4	46.1	.6	.5	18.8
MISSOURI	64	31	3.2	23.8	1.7	3.5	10.2	48.8	62.9	111.2	3.5	2.5	46.1
KANSAS	8	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	341	145	12.1	83.3	6.0	12.2	32.9	243.0	293.2	532.6	21.4	10.0	197.3
SOUTH ATLANTIC DIVISION	175	70	5.6	37.8	2.6	5.3	13.1	97.8	122.8	218.2	14.0	(D)	(D)
MARYLAND	29	17	1.5	10.8	.7	1.4	3.5	25.1	28.2	53.2	.6	1.3	18.5
VIRGINIA	17	7	.4	2.9	.2	.5	1.1	6.8	10.1	16.8	5.4	.4	5.0
NORTH CAROLINA	21	10	.7	5.4	.4	.8	2.0	14.4	20.3	34.3	1.5	.7	9.3
SOUTH CAROLINA	5	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.0
GEORGIA	32	19	1.2	8.7	.6	1.2	3.1	28.1	35.8	62.1	5.8	.9	27.8
FLORIDA	63	12	1.3	7.1	.5	1.0	2.2	16.8	21.3	37.8	.2	.8	21.0
EAST SOUTH CENTRAL DIVISION	54	28	3.0	21.2	1.5	3.2	9.4	63.6	71.8	135.3	4.0	(D)	(D)
KENTUCKY	22	16	2.1	15.8	1.0	2.3	7.2	52.7	56.3	108.8	3.8	1.6	34.9
TENNESSEE	19	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ALABAMA	10	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.8
WEST SOUTH CENTRAL DIVISION	112	47	3.5	24.3	1.9	3.6	10.4	81.6	98.7	179.2	3.4	(D)	(D)
LOUISIANA	14	4	.3	1.7	.2	.3	.9	4.9	7.1	11.9	.5	.2	5.3
OKLAHOMA	13	2	.2	1.1	.1	.2	.6	4.0	4.1	7.9	(D)	.2	2.3
TEXAS	79	40	3.0	21.0	1.5	2.9	8.7	71.7	86.0	156.9	2.8	2.6	54.6
WEST REGION	308	108	8.7	66.6	4.8	9.7	31.7	175.0	230.6	407.1	8.3	7.9	142.0
MOUNTAIN DIVISION	26	8	.6	3.7	.3	.5	1.5	8.0	10.0	18.1	.2	.5	5.3
COLORADO	11	5	.3	2.0	.1	.3	.7	5.0	6.3	11.4	.1	.3	3.2
PACIFIC DIVISION	282	100	8.1	62.9	4.5	9.1	30.2	167.0	220.6	389.1	8.1	7.5	136.7
WASHINGTON	27	10	.6	4.6	.4	.7	2.2	12.1	14.1	26.2	.6	.4	7.3
OREGON	20	8	.4	2.6	.2	.4	1.2	5.1	8.0	13.0	.4	.3	5.0
CALIFORNIA	235	82	7.2	55.7	4.0	8.0	26.8	149.9	198.5	349.8	7.1	6.7	124.4
2861-- GUM AND WOOD CHEMICALS													
UNITED STATES	184	42	5.9	33.5	4.6	9.0	23.1	100.8	115.3	215.9	20.6	6.8	100.3
NORTHEAST REGION	34	6	.4	2.3	.3	.6	1.3	4.4	6.2	10.5	.3	.4	3.8
MIDDLE ATLANTIC DIVISION	26	6	.3	2.0	.3	.5	1.2	3.7	4.9	8.6	.2	(D)	(D)
NEW YORK	14	3	.2	1.2	.1	.3	.7	2.7	3.0	5.8	.2	.1	1.0
NORTH CENTRAL REGION	49	7	.9	4.2	.8	1.6	3.3	8.9	11.0	20.0	1.6	.9	7.4
EAST NORTH CENTRAL DIVISION	16	3	.5	2.5	.4	.9	1.9	3.3	4.1	7.3	.1	.5	4.0
MICHIGAN	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	33	4	.4	1.8	.4	.8	1.4	5.6	7.0	12.7	1.5	.4	3.3
MISSOURI	30	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	91	27	4.5	26.5	3.5	6.6	18.0	86.1	96.6	182.6	17.4	5.4	88.9
SOUTH ATLANTIC DIVISION	38	13	2.3	14.7	1.7	3.3	9.7	49.7	54.2	103.4	8.6	2.6	51.4
WEST VIRGINIA	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	14	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	34.8
FLORIDA	15	8	1.1	7.3	.7	1.6	4.5	18.7	21.9	41.0	6.3	1.2	13.1
EAST SOUTH CENTRAL DIVISION	25	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	24.8
KENTUCKY	4	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ALABAMA	9	3	.2	1.1	.1	.3	.7	2.8	7.0	10.7	.1	.3	4.1
MISSISSIPPI	7	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	28	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	12.6
LOUISIANA	9	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	9.2
TEXAS[e]	16	2	.2	.7	.2	.3	.5	1.5	1.5	3.0	.2	.1	.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated.

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250 to 499 employees
CC - 500 to 999 employees
EE - 1,000 to 2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Paints and allied products (SIC 2851)	Gum and wood chemicals (SIC 2861)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.95	.73
COVERAGE RATIO[2]	.96	.76
ESTABLISHMENTS, TOTAL .NUMBER	1 701	184
WITH 1 TO 19 EMPLOYEES .DO	1 021	142
WITH 20 TO 99 EMPLOYEES .DO	521	29
WITH 100 EMPLOYEES OR MORE .DO	159	13
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	66.1	5.9
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	492.0	33.5
PRODUCTION WORKERS:		
AVERAGE FOR YEAR 1,000	36.3	4.6
MARCH .DO	36.1	4.5
MAY .DO	36.1	4.9
AUGUST .DO	37.3	4.7
NOVEMBER .DO	35.8	4.5
MAN-HOURS .MILLIONS	73.1	9.0
JANUARY-MARCH .DO	17.7	2.2
APRIL-JUNE .DO	18.6	2.3
JULY-SEPTEMBER .DO	18.6	2.3
OCTOBER-DECEMBER .DO	18.2	2.2
WAGES MILLION DOLLARS	223.4	23.1
COST OF MATERIALS, ETC., TOTAL .DO	1 606.4	115.3
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	1 461.0	104.1
COST OF RESALES .DO	125.9	2.9
FUELS CONSUMED .DO	7.8	6.5
PURCHASED ELECTRIC ENERGY .DO	9.8	1.7
CONTRACT WORK .DO	1.9	(Z)
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	2 911.4	215.9
VALUE OF RESALES .DO	173.2	3.1
VALUE ADDED BY MANUFACTURE .DO	1 318.5	100.8
MANUFACTURERS' INVENTORIES:		
BEGINNING OF YEAR, TOTAL .DO	406.1	43.6
FINISHED PRODUCTS .DO	224.8	24.9
WORK IN PROCESS .DO	23.9	4.1
MATERIALS, SUPPLIES, FUEL, ETC. .DO	157.4	14.6
END OF YEAR, TOTAL .DO	426.7	46.2
FINISHED PRODUCTS .DO	234.6	24.8
WORK IN PROCESS .DO	27.7	4.4
MATERIALS, SUPPLIES, FUEL, ETC. .DO	164.4	17.1
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	73.7	20.9
NEW PLANT AND EQUIPMENT, TOTAL .DO	70.7	20.6
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	28.8	3.7
NEW MACHINERY AND EQUIPMENT .DO	41.9	16.9
USED PLANT AND EQUIPMENT .DO	2.8	.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2851-- PAINTS AND ALLIED PRODUCTS											
ESTABLISHMENTS, TOTAL	1 701	66.1	492.0	36.3	73.1	223.4	1 318.5	1 606.4	2 911.4	70.7	426.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	468	.9	5.8	.8	1.0	2.8	16.0	22.6	38.6	1.3	5.2
5 TO 9 EMPLOYEES	242	1.7	11.7	.9	1.9	5.2	27.5	39.0	66.3	.9	7.4
10 TO 19 EMPLOYEES	311	4.3	31.0	2.5	4.9	13.9	74.9	106.2	180.3	3.8	20.3
20 TO 49 EMPLOYEES	350	11.1	79.6	6.1	12.2	33.9	193.9	249.9	441.9	12.1	60.4
50 TO 99 EMPLOYEES	171	12.0	88.5	6.7	13.9	39.7	232.8	285.2	512.6	12.5	76.7
100 TO 249 EMPLOYEES	113	17.1	128.3	9.2	19.0	58.1	344.5	470.1	813.4	20.4	123.5
250 TO 499 EMPLOYEES	36	11.9	92.3	6.0	12.1	40.0	276.8	287.6	561.8	12.7	87.8
500 TO 999 EMPLOYEES	8	7.1	55.0	4.1	8.1	29.9	152.1	145.9	296.6	7.0	45.4
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS[1,e]	416	.8	5.3	.8	1.0	2.4	14.4	20.3	34.7	.4	4.8
2861-- GUM AND WOOD CHEMICALS											
ESTABLISHMENTS, TOTAL	184	5.9	33.5	4.6	9.0	23.1	100.8	115.3	215.9	20.6	46.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	98	.2	.8	.2	.3	.5	2.2	3.0	5.1	.2	.9
5 TO 9 EMPLOYEES	27	.2	.9	.2	.3	.6	3.8	4.5	8.1	.2	1.2
10 TO 19 EMPLOYEES	17	.2	1.0	.2	.4	.7	2.1	3.5	5.7	.3	.6
20 TO 49 EMPLOYEES	21	1.3	6.2	1.1	2.2	4.5	16.1	19.7	35.4	4.8	6.5
50 TO 99 EMPLOYEES	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	9	4.0	24.5	3.0	5.8	16.7	76.6	84.7	161.5	15.1	37.0
250 TO 499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN.RECORDS[1,e]	95	.2	.8	.2	.4	.6	2.5	3.3	5.8	.2	1.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. [e] Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1] Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments: Total (million dollars)	Value of shipments: Primary products (million dollars)	Value of shipments: Secondary products (million dollars)	Value of shipments: Miscellaneous receipts (million dollars)	Value of shipments: Primary product specialization ratio Col. B / Col. B+C (percent)	Value of primary product shipments: Total, made in all industries (million dollars)	Value of primary product shipments: Made in this industry (million dollars)	Value of primary product shipments: Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2851	Paints and allied products.....1967..	2,911.4	2,598.5	133.0	179.8	95	2,703.8	2,598.5	105.4	96
	1963..	2,456.4	2,206.4	109.6	140.3	95	2,298.3	2,206.4	91.9	96
2861	Gum and wood chemicals.....1967..	215.9	155.9	56.3	3.8	73	205.1	155.9	49.2	76
	1963..	212.9	152.2	54.2	6.5	74	197.0	152.2	44.8	77

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product class code	Class of products, industry and miscellaneous receipts	All industries	Paint and allied products (SIC 2851)	Other industries
	Total shipments and miscellaneous receipts	(X)	2,911.4	(X)
2851-	Paint and allied products	2,703.8	2,598.5	105.4
28511	Exterior oil-type trade sales paint products	329.7	325.3	4.4
28512	Exterior water-type trade sales paint products, including tinting bases	129.5	(100-200)	(under 2)
28513	Interior oil-type trade sales paint products	268.2	267.4	0.8
28514	Interior water-type trade sales paint products, including tinting bases	291.9	291.9	-
28515	Trade sales lacquers	43.6	(20-50)	(under 2)
28516	Industrial product finishes, except lacquers	718.5	682.2	36.2
28517	Industrial lacquers, including acrylics	181.3	180.0	1.2
28518	Putty, caulking compounds, and allied products	166.7	140.5	26.2
28519	Miscellaneous paint products	235.6	206.2	29.4
28510	Paints and allied products, n.s.k.	338.9	333.8	5.2
	Other product shipments by 4-digit product group			
2815-	Cyclic intermediates and crudes	(X)	2.6	(X)
2816-	Inorganic pigments	(X)	2.6	(X)
2818-	Industrial organic chemicals, n.e.c.	(X)	(5-10)	(X)
2821-	Plastics materials and resins	(X)	35.5	(X)
2841-	Soap and other detergents	(X)	10.5	(X)
2842-	Polishes and sanitation goods	(X)	5.6	(X)
2844-	Toilet preparations	(X)	(5-10)	(X)
2891-	Adhesives and gelatin	(X)	13.7	(X)
2893-	Printing ink	(X)	8.4	(X)
2899-	Chemical preparations, n.e.c.	(X)	10.7	(X)
2952-	Asphalt felts and coatings	(X)	5.4	(X)
3069-	Fabricated rubber products, n.e.c.	(X)	(2-5)	(X)
3079-	Miscellaneous plastics products	(X)	(2-5)	(X)
3411-	Metal cans	(X)	(over 2)	(X)
	Other products	(X)	8.2	(X)
	Miscellaneous receipts	(X)	179.8	(X)
	Resales	(X)	173.2	(X)
	Other receipts	(X)	6.6	(X)
	Listing of other industries with over $2 million shipments of the primary products			
2851-	2851 Cyclic intermediates and crudes	(X)	(X)	9.3
2851-	2816 Inorganic pigments	(X)	(X)	2.9
2851-	2818 Industrial organic chemicals, n.e.c.	(X)	(X)	(10-20)
2851-	2819 Industrial inorganic chemicals, n.e.c.	(X)	(X)	(2-5)
	Listing of other industries with over $2 million shipments of the primary product--Continued			
2851-	2821 Plastics materials and resins	(X)	(X)	13.4
2851-	2841 Soap and other detergents	(X)	(X)	9.3
2851-	2842 Polishes and sanitation goods	(X)	(X)	6.3
2851-	2879 Agricultural chemicals, n.e.c.	(X)	(X)	(2-5)
2851-	2891 Adhesives and gelatin	(X)	(X)	5.3
2818-	2893 Printing ink	(X)	(X)	14.1
2851-	2899 Chemical preparations, n.e.c.	(X)	(X)	4.8
2851-	2952 Asphalt felts and coatings	(X)	(X)	5.0
2851-	3299 Nonmetallic mineral product, n.e.c.	(X)	(X)	(over 2)

Product class code	Class of products, industry and miscellaneous receipts	All industries	Gum and wood chemicals (SIC 2861)	Other industries
	Total shipments and miscellaneous receipts	(X)	215.9	(X)
2861-	Gum and wood chemicals	205.1	155.9	49.2
28611	Softwood distillation products	81.4	(50-100)	(under 2)
28612	Other gum and wood chemicals	111.6	(50-100)	(20-50)
28610	Gum and wood chemical, n.s.k.	12.2	12.2	
	Other product shipments by 4-digit product group			
2818-	Industrial organic chemicals, n.e.c.	(X)	(5-10)	(X)
2821-	Plastic materials and resins	(X)	(over 2)	(X)
2879-	Agricultural chemicals, n.e.c.	(X)	(over 2)	(X)
2891-	Adhesives and gelatin	(X)	(10-20)	(X)
2899-	Chemical preparations, n.e.c.	(X)	8.5	(X)
	Other products	(X)	1.0	(X)
	Miscellaneous receipts	(X)	3.8	(X)
	Resales	(X)	3.1	(X)
	Other receipts	(X)	0.7	(X)
	Listing of other industries with over $2 million shipments of the primary products			
2861	2611 Pulpmills	(X)	(X)	3.4
2861-	2621 Papermills, except building paper	(X)	(X)	8.1
2861-	2631 Paperboard mills	(X)	(X)	24.1
2861-	2891 Adhesives and gelatin	(X)	(X)	(2-5)
2861-	2899 Chemical preparations, n.e.c.	(X)	(X)	6.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. Data shown parenthetically above are ranges expressed in millions of dollars.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2851- --	PAINTS AND ALLIED PRODUCTS, TOTAL	.....	(X)	2,703.8	(X)	2,298.3
28511 --	Exterior oil-type trade sales paint products, total	Million gals..	[1]98.5	329.7	[1]117.0	394.2
28511 11	Oil and alkyd vehicle paints in paste and semipaste form	...do.....	7.6	24.5	2.6	9.0
	Oil paints, enamels, and varnishes in ready-mixed form:					
28511 21	Oil and alkyd vehicle house paints and tinting bases	...do.....	26.8	95.6	47.3	170.7
28511 22	Sash, trims and trellis enamels and tinting bases	...do.....	3.8	15.5		
28511 24	Porch and deck enamels and tinting bases including interior-exterior floor enamels	...do.....	8.1	28.7	18.0	73.4
28511 25	Undercoaters and primers	...do.....	7.4	26.4	11.6	37.4
28511 27	Barn and roof paints (excluding bituminous paints and roof coatings)	...do.....	3.0	8.5	3.4	9.2
28511 28	Marine paints and enamels (shelf goods)	...do.....	2.3	9.3	2.7	10.5
28511 31	Metallic paints (aluminum, zinc, bronze, etc.)	...do.....	4.2	15.0	4.2	13.6
28511 32	Traffic paints (all types, shelf goods and highway departments)	...do.....	8.7	17.1	9.1	19.9
28511 33	Automotive and machinery refinish paints and enamels, except lacquers	...do.....	3.6	17.1	(X)	(NA)
28511 34	Automotive and machinery refinish primers and undercoaters	...do.....	1.3	4.9	(X)	(NA)
28511 35	Varnish, oleoresinous (synthetic and natural)	...do.....	4.1	11.5	4.5	12.2
28511 37	Stains (including shingle and shake)	...do.....	4.6	12.3	4.4	11.6
28511 39	Other exterior oil paints including bituminous paints	...do.....	3.3	10.8	5.5	13.0
28511 00	Exterior oil-type trade sales paint products, n.s.k	...do.....	(S)	32.7	(S)	13.3
28512 --	Exterior water-type trade sales paint products, including tinting bases, total	...do.....	[1]38.3	129.5	[1]31.5	82.3
28512 11	All purpose water emulsion paints and tinting bases (excluding exterior-interior water emulsion paints)	...do.....	27.1	95.0	19.9	67.6
28512 16	Masonry water emulsion paints and tinting bases	...do.....	5.5	17.5		
28512 19	Other exterior water-thinned paints, including dry types	...do.....	4.1	11.5	6.5	10.2
28512 00	Exterior water-type trade sales paint products, n.s.k	...do.....	(S)	5.5	(S)	4.5
28513 --	Interior oil-type trade sales paint products, total	...do.....	[1]74.8	268.2	[1]91.2	290.6
	Oil paints, enamels, and varnishes in ready-mixed form:					
28513 52	Flat wall paints and tinting bases including semipaste (oil and alkyd vehicle)	...do.....	16.9	49.2	22.9	66.6
28513 53	Glass and quick drying enamels and tinting bases	...do.....	12.2	52.1	34.5	123.1
28513 54	Semigloss paints and tinting bases	...do.....	16.1	58.1		
28513 56	Under coaters and primers	...do.....	4.5	14.5	7.7	22.4
28513 59	Other interior oil paints and enamels, n.e.c., including mill white paints and interior marine shelf goods	...do.....	4.9	17.9	6.0	17.7
	Varnishes:					
28513 65	Varnishes, except shellac varnishes	...do.....	6.0	22.0	10.9	30.5
28513 67	Shellac varnish	...do.....	1.2	3.0	1.9	4.4
28513 71	Stains	...do.....	2.6	9.1	3.0	8.5
28513 81	Aerosol paints made from paint produced and packaged in this establishment or packaged on contract for you	...do.....	2.9	15.5	2.6	11.9
28513 00	Interior oil-type trade sales paint products, n.s.k	...do.....	(S)	26.6	(S)	5.5
28514 --	Interior water-type trade sales paint products, including tinting bases, total	...do.....	[1]96.8	291.9	[1]91.1	250.7
28514 11	Flat water emulsion paints and tinting bases	...do.....	79.2	246.4	78.8	229.3
28514 21	Semigloss water emulsion paints and tinting bases	...do.....	4.9	15.7		
28514 31	All purpose water emulsion paints	...do.....	3.6	10.1		
28514 98	Other interior water-thinned paints including paste and semi-paste	...do.....	6.2	11.0	10.2	15.9
28514 00	Interior water-type trade sales paint products, n.s.k	...do.....	(S)	8.7	(S)	5.5
28515 --	Trade sales lacquers, total	...do.....	[1]9.0	43.6	[1]14.3	43.8
28515 11	Automotive and machinery refinish lacquers	...do.....	4.8	28.1	13.4	40.5
28515 21	Other trade sales lacquers	...do.....	3.9	14.2		
28515 00	Trade sales lacquers, n.s.k	...do.....	(S)	1.2	(S)	3.3
28516 --	Industrial product finishes, except lacquers, total	...do.....	[1]244.2	718.5	[1]226.9	624.9
	Industrial maintenance paints:					
28516 11	Interior (specially formulated coatings for special conditions in the interior of industrial plants requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.).	...do.....	13.0	42.8	8.1	25.5

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
	PAINTS AND ALLIED PRODUCTS--Continued					
28516 --	Industrial product finishes, except lacquers--Continued					
	Industrial maintenance paints--Continued					
28516 13	Exterior (specially formulated coatings for special conditions in the exterior of industrial plants requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.).	Million gals..	25.3	46.8	23.9	30.3
28516 18	Marine paints, ship bottom, and other specially formulated paints (excluding shelf goods)	...do.....	8.8	35.2	8.1	27.0
	Transportation (original equipment):					
28516 31	Automobile finishes	...do.....	40.7	119.4	[2]27.5	[2]97.9
28516 33	Truck and bus finishes	...do.....	2.6	8.2	(X)	([3])
28516 35	Railroad finishes	...do.....	3.3	10.5	(X)	([3])
28516 37	Other transportation equipment, including aircraft, rockets, and missiles	...do.....	3.3	11.5	(X)	([3])
28516 38	Appliance, heating equipment, and air-conditioner finishes	...do.....	14.6	48.4	(X)	([3])
28516 41	Wood furniture and fixture finishes	...do.....	12.3	27.1	(X)	([3])
28516 42	Wood and composition board flat stock finishes	...do.....	7.4	21.9	(X)	([3])
28516 44	Sheet, strip, and coil coatings, including sidings (excluding containers)	...do.....	12.0	41.7	(X)	([3])
	Metal decorating:					
28516 45	Container and closure finishes	1,000 gals....	24.0	69.3	(X)	([3])
28516 46	Other metal decorating	...do.....	5.1	17.1	(X)	([3])
28516 47	Machinery and equipment finishes (including road building equipment and farm implements) (excluding insulating varnish)	...do.....	12.6	39.8	(X)	([3])
28516 48	Metal furniture and fixture finishes	...do.....	8.9	27.7	(X)	([3])
28516 51	Paper and paperboard, excluding pigment binder	...do.....	3.3	7.8	(X)	([3])
28516 52	Insulating varnishes, electrical types	...do.....	7.3	24.4	(S)	14.8
28516 98	Other industrial product finishes (excluding semimanufactured products such as pigment dispersions and ink vehicles)	...do.....	24.1	72.9	[3]147.7	[3]429.4
28516 00	Industrial product finishes, except lacquers, n.s.k.	...do.....	(S)	46.0	(S)	16.5
28517 --	Industrial lacquers, including acrylics, total	...do.....	[1]66.9	181.3	[1]70.5	184.2
28517 11	Automotive	...do.....	12.0	40.3	10.0	33.5
28517 21	Wood	...do.....	28.7	61.6	58.5	145.3
28517 31	Fabricated metal	...do.....	9.4	31.8		
28517 41	Paper and paperboard	...do.....	2.2	4.9		
28517 98	Industrial lacquers for other end uses	...do.....	9.9	30.0		
28517 00	Industrial lacquers, including acrylics, n.s.k.	...do.....	(S)	12.7	(S)	5.3
28518 --	Putty, caulking compounds and allied products, total	...do.....	(X)	166.7	(X)	128.3
28518 11	Wood and textile preservatives (nonpressure type)	...do.....	(S)	11.3	(S)	9.0
28518 21	Wood fillers and sealers	...do.....	(S)	7.2	3.7	10.4
28518 53	Putty and glazing compounds	1,000 lbs.....	(S)	7.5	225.3	32.2
28518 57	Caulking and sealant compounds	...do.....	(S)	68.3		
28518 63	Paint and varnish removers	1,000 gals....	12.6	26.5	10.3	24.0
28518 98	Other allied paint products, including brush cleaners	.....	11.5	34.4	15.1	42.0
28518 00	Putty, caulking compounds and allied products, n.s.k.	.....	(X)	11.5	(X)	10.7
28519 --	Miscellaneous paint products, total	1,000 gals....	(X)	235.6	(X)	190.2
28519 11	Thinners for dopes, lacquers, and oleoresinous thinners, including mixtures and proprietary thinners	...do.....	59.6	57.3	53.9	54.1
28519 31	Bleached shellac (not varnish)	1,000 lbs.....	(S)	1.6	15.2	6.0
28519 41	Aerosol paints made from purchased paint	1,000 gals....	3.2	21.2	(NA)	17.5
28519 51	Organosols and plastisols, other than coatings	.....	(X)	13.4	(X)	102.9
28519 75	Miscellaneous related paint products, e.g., pigment dispersions, ink vehicles, etc	1,000 gals....	(X)	132.1		
28519 00	Miscellaneous paint products, n.s.k.	.....	(X)	10.0	(X)	9.7
28510 00	Paints and allied products, n.s.k. (For companies with 10 or more employees. See Note.)	1,000 gals....	(X)	304.2	(X)	109.1
28510 02	Paints and allied products, n.s.k. (For companies with less than 10 employees. See Note.)	...do.....	(X)	34.7	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers: Quantity	Total shipments, including interplant transfers: Value (million dollars)	Production for all purposes (quantity)	Total shipments, including interplant transfers: Quantity	Total shipments, including interplant transfers: Value (million dollars)
2861- --	GUM AND WOOD CHEMICALS, TOTAL	.....	(X)	(X)	205.1	(X)	(X)	197.0
28611 --	Softwood distillation products, total	.....	(X)	(X)	81.4	(X)	(X)	82.4
28611 13	Wood turpentine[4] [5]	Million lbs.	82.8	66.2	6.3	60.8	46.3	2.0
28611 23	Pine oil	...do.....	72.0	72.6	10.2	64.8	64.7	8.4
28611 31	Wood rosin[5]	...do.....	547.5	475.6	44.0	570.4	324.5	30.2
28611 98	Other derivatives of softwood distillation, including pine tar, pine tar oil, charcoal, and charcoal briquettes	.....	(X)	(X)	20.8	(X)	(X)	41.0
28611 00	Softwood distillation products, n.s.k.	.....				(X)	(X)	0.8
28612 --	Other gum and wood chemicals, total	.....	(X)	(X)	111.6	(X)	(X)	111.4
	Gum naval stores	.....	(X)	(X)	9.9	(X)	(X)	17.5
28612 11	Gum turpentine	1,000 bbls. of 50 gals.	(S)	(S)	1.5	136.0	127.0	2.0
28612 21	Rosin	1,000 drums of 517 lbs.	181.8	169.1	8.6	329	272	15.4
	Hardwood distillation products	.....	(X)	(X)	32.9	(X)	(X)	34.5
28612 52	Charcoal, excluding briquettes	1,000 short tons	384.7	376.2	30.1	74.8	69.0	5.5
	Charcoal briquettes:							
28612 54	Made from charcoal produced in this plant	...do.....				129.2	128.6	9.4
28612 58	Made from charcoal purchased or shipped from other plants	...do.....				175.3	165.7	13.6
28612 61	Other derivatives of hardwood distillation including natural acetic acid and methanol[6]	.....	(X)	(X)	(D)	(X)	(X)	6.0
28612 71	Natural dyestuffs extracts, including logwood, etc.	.....	(X)	(X)	(D)	(S)	(S)	1.8
28612 81	Natural tanning materials	.....	(S)	(S)	4.5	(S)	(S)	5.2
28612 85	Chrome tanning mixtures	.....	(X)	(X)	(D)	(S)	(S)	0.6
	Tall oils	.....	(X)	(X)	63.6	(X)	(X)	50.7
28612 91	Crude	Million lbs.	1,106.5	831.0	25.7	988.2	659.0	24.0
28612 94	Refined (containing less than 90 percent free fatty acids, including tall oil resins other than tall oil rosins)[7]	...do.....	300.8	252.5	18.3	88.4	83.2	6.2
28612 96	Rosin	...do.....	267.3	257.8	19.6	384.8	250.1	20.5
28612 00	Other gum and wood chemicals, n.s.k.	.....	(X)	(X)	(Z)	(X)	(X)	1.1
28610 00	Gum and wood chemicals, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	(X)	6.4	(X)	(X)	3.2
28610 02	Gum and wood chemicals, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	(X)	5.8			

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments are included in the code ending with "002" which is further discussed in the text. Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under $50 thousand. (S) Does not meet publication standards.

[1]Includes estimated quantities for products listed below for which quantity data were suppressed because reported quantity did not meet publication standards.

[2]Includes an unspecified amount of trade sale automotive finishes in 1963.

[3]Data comparable with 1967 not available; included in code 2851698.

[4]Excludes data for sulfate wood turpentine.

[5]Excludes pinene reported as such.

[6]Excludes data for synthetic acetic acid and synthetic methanol for which data are complied by the U.S. Tariff Commission.

[7]Data for refined tall oil fatty acids containing 90 percent or more free fatty acids, excluding resin acids, are reported in industry 2899, Chemical Preparations, N.E.C.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
EXTERIOR OIL-TYPE TRADE SALES PAINT PRODUCTS (28511)		
United States	329.7	394.2
Northeast Region	80.2	100.4
New England Div.	10.3	13.2
Massachusetts	CC	10.9
Middle Atlantic Div.	69.9	87.2
New York	12.5	14.1
New Jersey	35.1	46.5
Pennsylvania	22.2	26.6
North Central Region	123.4	143.7
East North Central Div.	94.6	109.9
Ohio	28.8	32.3
Indiana	10.9	6.6
Illinois	41.7	57.1
Michigan	8.6	5.1
Wisconsin	4.6	8.8
West North Central Div.	28.8	33.8
Minnesota	3.9	6.3
Iowa	4.1	4.8
Missouri	20.0	21.7
South Region	79.2	95.8
South Atlantic Div.	37.6	44.4
Maryland	13.7	11.3
Virginia	2.0	2.3
North Carolina	1.7	2.9
Georgia	13.4	16.8
Florida	5.6	9.9
East South Central Div.	13.9	16.1
Kentucky	8.8	10.1
Tennessee	2.6	2.8
Alabama	BB	(1)
West South Central Div.	27.7	35.3
Texas	25.3	31.2
West Region	46.9	54.5
Mountain Div.	3.1	3.8
Colorado	1.5	2.3
Pacific Div.	43.9	50.7
Washington	6.8	4.5
Oregon	2.0	2.7
California	35.1	43.5
EXTERIOR WATER-TYPE PAINT PRODUCTS AND TINTING BASES (28512)		
United States	129.5	82.3
Northeast Region	32.2	20.6
New England Div.	3.7	2.5
Massachusetts	3.6	2.5
Middle Atlantic Div.	28.6	18.1
New York	6.7	2.4
New Jersey	14.1	10.7
Pennsylvania	7.8	5.0
North Central Region	43.9	22.6
East North Central Div.	32.1	16.4
Ohio	4.6	2.7
Indiana	2.9	1.3
Illinois	21.1	8.9
Michigan	AA	(D)
Wisconsin	BB	2.7
EXTERIOR WATER-TYPE PAINT PRODUCTS AND TINTING BASES (28512)--Con.		
North Central Region--Con.		
West North Central Div.	11.8	6.2
Minnesota	AA	(D)
Iowa	BB	(1)
Missouri	5.5	3.6
South Region	30.2	17.3
South Atlantic Div.	16.7	11.7
Maryland	3.8	1.0
North Carolina	BB	(D)
Georgia	5.7	4.6
Florida	4.7	5.1
East South Central Div.	3.5	1.4
Kentucky	2.8	1.0
West South Central Div.	10.0	4.2
Texas	9.4	3.1
West Region	23.1	21.8
Pacific Div.	22.2	20.6
Washington	BB	(D)
California	19.6	19.1
INTERIOR OIL-TYPE TRADE SALES PAINT PRODUCTS (28513)		
United States	268.2	290.6
Northeast Region	73.6	88.5
New England Div.	6.6	10.8
Massachusetts	6.2	9.6
Middle Atlantic Div.	67.0	77.7
New York	21.1	25.8
New Jersey	31.3	30.9
Pennsylvania	14.6	20.9
North Central Region	104.9	109.9
East North Central Div.	88.2	84.8
Ohio	23.9	21.5
Indiana	7.3	5.2
Illinois	44.2	42.2
Michigan	9.2	9.9
Wisconsin	3.5	5.9
West North Central Div.	16.7	25.1
Minnesota	2.9	3.2
Iowa	4.2	(1)
Missouri	9.6	18.5
South Region	46.6	45.1
South Atlantic Div.	19.7	20.5
Maryland	8.0	5.6
Georgia	4.9	4.1
Florida	3.7	7.8
East South Central Div.	11.3	11.5
Kentucky	8.6	8.8
Tennessee	AA	(1)
Alabama	AA	(1)
West South Central Div.	15.7	13.1
Oklahoma	AA	(D)
Texas	13.6	11.7
INTERIOR OIL-TYPE TRADE SALES PAINT PRODUCTS (28513)--Con.		
West Region	43.1	47.1
Mountain Div.	2.0	2.7
Colorado	1.5	2.0
Pacific Div.	41.1	44.4
Washington	2.5	1.7
Oregon	1.5	1.6
California	37.1	41.1
INTERIOR WATER-TYPE PAINT PRODUCTS AND TINTING BASES (28514)		
United States	291.9	250.7
Northeast Region	73.9	61.1
New England Div.	6.1	4.8
Massachusetts	6.0	4.7
Middle Atlantic Div.	67.8	56.3
New York	13.5	12.6
New Jersey	37.8	27.6
Pennsylvania	16.5	16.2
North Central Region	99.0	91.3
East North Central Div.	79.3	73.9
Ohio	19.1	18.2
Indiana	4.6	4.1
Illinois	46.6	42.0
Michigan	4.3	3.4
Wisconsin	4.7	6.2
West North Central Div.	19.7	17.4
Minnesota	BB	(1)
Iowa	CC	(1)
Missouri	9.2	10.6
South Region	73.3	61.3
South Atlantic Div.	34.3	27.5
Maryland	10.7	5.4
Virginia	AA	1.0
North Carolina	BB	2.0
Georgia	10.2	8.9
Florida	7.6	9.2
East South Central Div.	12.2	9.2
Kentucky	9.0	6.9
Tennessee	1.5	1.8
Alabama	1.7	(D)
West South Central Div.	26.8	24.6
Oklahoma	AA	1.2
Texas	24.4	20.9
West Region	45.8	37.0
Mountain Div.	2.0	2.9
Colorado	1.6	2.0
Pacific Div.	43.7	34.1
Washington	2.7	2.1
Oregon	1.5	1.7
California	39.5	30.3
TRADE SALES LACQUERS (28515)		
United States	43.6	43.8
Northeast Region	21.0	19.2
Middle Atlantic Div.	21.0	(D)
New York	2.7	3.6
New Jersey	EE	(1)
Pennsylvania	AA	1.7

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
TRADE SALES LACQUERS (28515)--Con.		
North Central Region....	15.3	15.2
East North Central Div....	12.8	13.6
Ohio....	6.9	2.0
Illinois....	BB	3.4
Michigan....	BB	7.9
West North Central Div....	2.5	1.6
Missouri....	AA	(1)
South Region....	2.2	4.4
South Atlantic Div....	1.4	(D)
West Region....	5.0	5.0
Pacific Div....	5.0	(D)
California....	4.5	4.4
INDUSTRIAL PRODUCT FINISHES, EXCEPT LACQUERS (28516)		
United States....	718.5	624.9
Northeast Region....	202.6	153.6
New England Div....	14.3	11.9
Massachusetts....	8.8	9.5
Connecticut....	BB	(1)
Middle Atlantic Div....	188.3	141.7
New York....	44.9	32.4
New Jersey....	73.4	61.8
Pennsylvania....	70.1	47.6
North Central Region....	345.1	333.4
East North Central Div....	301.7	295.6
Ohio....	94.5	81.4
Indiana....	14.8	14.7
Illinois....	95.3	92.6
Michigan....	83.1	90.7
Wisconsin....	14.1	16.1
West North Central Div..	43.4	37.8
Minnesota....	6.2	4.2
Iowa....	13.0	(1)
Missouri....	20.1	16.6
Kansas....	4.1	(1)
South Region....	96.1	76.5
South Atlantic Div....	33.4	31.2
Delaware....	BB	(D)
Maryland....	6.0	10.1
Virginia....	AA	2.2
West Virginia....	BB	(1)
North Carolina....	9.0	4.7
South Carolina....	AA	(D)
Georgia....	9.0	8.9
Florida....	2.0	1.7
East South Central Div....	28.4	22.3
Kentucky....	20.9	15.8
Tennessee....	BB	4.1
Alabama....	4.0	(1)
West South Central Div....	34.3	23.0
Texas....	33.4	20.9
West Region....	74.6	60.4
Pacific Div....	73.9	60.3
Washington....	2.4	2.6
Oregon....	1.6	1.4
California....	70.0	56.3
INDUSTRIAL LACQUERS, INCLUDING ACRYLICS (28517)		
United States....	181.3	184.2
Northeast Region....	44.1	59.4
New England Div....	7.7	8.8
Massachusetts....	CC	7.0
Middle Atlantic Div....	36.4	50.6
New York....	6.5	7.0
New Jersey....	25.8	26.3
Pennsylvania....	4.1	17.4
North Central Region....	95.0	80.8
East North Central Div....	88.8	74.1
Ohio....	16.2	14.3
Indiana....	5.8	6.5
Illinois....	18.5	20.9
Michigan....	47.6	29.8
West North Central Div..	6.2	6.7
Iowa....	AA	(D)
Missouri....	2.6	4.3
Kansas....	AA	(D)
South Region....	28.7	26.3
South Atlantic Div....	16.9	15.9
Maryland....	BB	1.7
Virginia....	2.1	(1)
North Carolina....	9.7	7.6
Georgia....	BB	3.6
East South Central Div....	8.4	7.8
Kentucky....	CC	(1)
West South Central Div....	3.4	2.6
Texas....	BB	(1)
West Region....	13.5	17.6
Pacific Div....	EE	(D)
Oregon....	AA	(D)
California....	11.6	16.8
PUTTY, CAULKING COMPOUNDS AND ALLIED PRODUCTS (28518)		
United States....	166.7	128.3
Northeast Region....	33.1	31.5
New England Div....	3.6	4.8
Massachusetts....	1.8	3.4
Connecticut....	AA	(D)
Middle Atlantic Div....	29.5	26.7
New York....	8.4	9.5
New Jersey....	14.7	10.8
Pennsylvania....	6.4	6.5
North Central Region....	74.2	55.7
East North Central Div....	58.5	49.7
Ohio....	29.9	19.4
Illinois....	16.6	20.4
Michigan....	10.5	7.4
West North Central Div....	15.6	6.0
Minnesota....	AA	(D)
Missouri....	12.9	4.6
South Region....	42.8	23.5
South Atlantic Div....	14.8	9.2
Maryland....	AA	(D)
Virginia....	2.2	1.8
North Carolina....	1.8	1.5
Georgia....	8.3	4.9
Florida....	AA	(D)
PUTTY, CAULKING COMPOUNDS AND ALLIED PRODUCTS (28518)--Con.		
South Region--Con.		
East South Central Div....	15.7	3.5
Kentucky....	EE	(D)
Tennessee....	BB	(1)
West South Central Div....	12.3	10.8
Louisiana....	AA	(1)
Oklahoma....	AA	(D)
Texas....	9.6	8.5
West Region....	16.6	17.6
Pacific Div....	16.6	(D)
California....	15.1	16.0
MISCELLANEOUS PAINT PRODUCTS (28519)		
United States....	235.6	190.2
Northeast Region....	87.8	69.6
New England Div....	8.2	12.7
Massachusetts....	BB	(1)
Rhode Island....	BB	(1)
Connecticut....	AA	(1)
Middle Atlantic Div....	79.6	56.9
New York....	11.0	9.4
New Jersey....	58.5	38.2
Pennsylvania....	10.0	9.3
North Central Region....	75.0	65.7
East North Central Div....	65.1	57.4
Ohio....	31.5	16.9
Illinois....	25.6	29.5
Michigan....	6.6	9.7
West North Central Div....	9.9	8.3
Iowa....	CC	(1)
Missouri....	BB	(1)
South Region....	50.0	35.5
South Atlantic Div....	CC	(D)
North Carolina....	1.2	1.2
Georgia....	3.1	(1)
Florida....	1.5	(D)
East South Central Div....	FF	(D)
Kentucky....	FF	(1)
West South Central Div....	CC	(D)
Texas....	5.7	4.0
West Region....	22.8	19.4
Mountain Div....	AA	(D)
Utah....	AA	(D)
Pacific Div....	FF	(D)
California....	20.9	18.7
SOFTWOOD DISTILLATION PRODUCTS (28611)		
United States....	81.4	82.4
South Region....	GG	(D)
South Atlantic Div....	47.0	46.6
Georgia....	FF	(1)
Florida....	FF	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
SOFTWOOD DISTILLATION PRODUCTS (28611)--Con.		
South Region--Con.		
East South Central Div....	FF	(D)
Alabama....	AA	(D)
Mississippi....	FF	(1)
West South Central Div....	CC	11.9
Louisiana....	CC	(1)
OTHER GUM AND WOOD CHEMICALS (28612)		
United States....	111.6	111.4
Northeast Region....	5.6	7.0
New England Div....	1.6	1.8
Massachusetts....	1.6	(1)
Middle Atlantic Div....	4.1	5.2
New York....	AA	1.8
Pennsylvania....	1.9	2.3
OTHER GUM AND WOOD CHEMICALS (28612)		
North Central Region....	EE	(D)
East North Central Div....	5.8	6.9
Michigan....	BB	(1)
West North Central Div....	10.6	(D)
Missouri....	10.6	6.3
South Region....	86.3	90.2
South Atlantic Div....	54.7	58.6
Maryland....	AA	(1)
Virginia....	BB	4.0
West Virginia....	BB	(1)
North Carolina....	2.5	3.6
South Carolina....	CC	(1)
Georgia....	23.3	29.1
Florida....	14.9	12.4
OTHER GUM AND WOOD CHEMICALS (28612)--Con.		
South Region--Con.		
East South Central Div....	17.3	18.9
Kentucky....	BB	(D)
Tennessee....	BB	5.1
Alabama....	8.6	11.3
Mississippi....	BB	(1)
West South Central Div....	14.3	12.7
Louisiana....	10.9	5.7
Texas....	BB	(1)
West Region....	BB	(D)
Pacific Div....	2.5	(D)
California....	AA	(D)

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0....	AA	$10.0 to $20.0....	EE
$2.0 to $5.0....	BB	$20.0 to $50.0....	FF
$5.0 to $10.0....	CC	$50.0 and over....	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2851-	Paints and allied products	2,703.8	2,709.8	2,567.8	2,370.1	2,298.3	1,753.9	1,512.0	(NA)
28511	Exterior oil-type trade sales paint products	329.7	353.0	347.9	374.9	394.2	(NA)	(NA)	(NA)
28512	Exterior water-type trade sales paint products, including tinting bases	129.5	130.5	112.7	82.7	82.3	(NA)	(NA)	(NA)
28513	Interior oil-type trade sales paint products	268.2	323.8	317.5	285.4	290.6	(NA)	(NA)	(NA)
28514	Interior water-type trade sales paint products, including tinting bases	291.9	324.5	286.2	255.1	250.7	(NA)	(NA)	(NA)
28515	Trade sale lacquers	43.6	49.7	47.1	47.7	43.8	(NA)	(NA)	(NA)
28516	Industrial product finishes, except lacquers	718.5	796.2	742.1	678.8	624.9	(NA)	(NA)	(NA)
28517	Industrial lacquers, including acrylics	181.3	206.1	199.5	195.9	184.2	(NA)	(NA)	(NA)
28518	Putty, caulking compounds, and allied products	166.7	159.8	160.6	145.6	128.3	65.2	53.7	(NA)
28519	Miscellaneous paint products	235.6	266.6	238.2	200.0	190.2	(NA)	(NA)	(NA)
28510	Paints and allied products, n.s.k.	338.9	(99.6)	116.0	104.0	109.1	(NA)	(NA)	(NA)
2861-	Gum and wood chemicals	205.1	211.1	205.3	209.8	197.0	151.2	111.2	(NA)
28611	Softwood distillation products	81.4	77.5	90.0	90.0	82.4	79.7	61.8	60.8
28612	Other gum and wood chemicals	111.6	133.6	115.3	118.4	111.4	71.5	49.4	(NA)
28610	Gum and wood chemicals, n.s.k.	12.2	-	-	(1.5)	3.2	-	-	-

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2851.--PAINTS AND ALLIED PRODUCTS					
	Materials, containers, and supplies, total	.....	(X)	1,461.0	(X)	1,233.4
	Vegetable Oils:					
209311	Linseed oil (crude or processed)	Million lbs	172.9	25.4	245.1	39.0
209016	All other vegetable oils	...do	159.9	24.1	177.5	28.2
	Pigments:					
281611	Titanium dioxide, composite and pure	...do	621.3	154.0	636.1	141.7
281622	Zinc oxide pigments (including leaded zinc oxide)	...do	94.0	14.8	102.4	14.1
281601	Other inorganic pigments	.....	(X)	79.3	(X)	60.6
281531	Organic color pigments, lakes and toners	.....	(X)	27.8	(X)	23.0
281811	Drivers (napthenic acid salts, rosin acid salts, etc.)	.....	(X)	9.3	(X)	8.2
281822	Solvents (butyl alcohols, butyl acetate, acetone, etc.)	.....	(X)	77.6	(X)	63.6
281862	Cellulose esters (nitracellulose, etc.)	Million lbs	67.3	26.9	(NA)	(NA)
	Plasticizers:					
281836	Dioctyl phthalate	...do	19.8	3.4	8.8	1.7
281837	Other plasticizers	...do	40.9	10.5	27.2	7.2
282160	Synthetic resins	...do	889.1	204.3	865.5	181.9
286102	Tall oil and rosin (gum and wood)	.....	(X)	9.8	(NA)	(NA)
291105	Petroleum thinners (naphtha)	Million Gals	172.7	38.0	157.0	36.2
	Other chemicals:					
281875	Glycerol (glycerine)	Million lbs	49.5	11.1	(NA)	(NA)
281876	Pentaerythritol	...do	21.6	5.1	(NA)	(NA)
281514	Phthalic anhydride	...do	112.1	15.7	122.7	14.1
281516	Styrene	...do	49.8	5.3	(NA)	(NA)
281827	Vinyl acetate monomer	...do	98.5	12.6	(NA)	(NA)
	Containers:					
340001	Metal	.....	(X)	118.6	(X)	110.7
260091	Paper and paperboard	.....	(X)	19.4	(X)	15.3
970099	All other materials and components parts, containers and supplies consumed	.....	(X)	299.8	(X)	250.0
976000	Materials, containers, supplies, n.s.k.[1]	.....	(X)	[1]268.2	(X)	[1]237.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Paints and allied products (SIC 2851)	Gum and wood chemicals (SIC 2861)
	Cost of purchased fuels and electric energy, total...	Million dollars.	17.6	8.2
	Cost of purchased fuels, total.....	...do.....	7.8	6.5
121005	Coal (anthracite, bituminous, and lignite):			
	Quantity.....	1,000 short tons	19	21
	Cost.....	Million dollars.	.2	.2
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	443	192
	Cost.....	Million dollars.	1.6	.8
291141	Distillate:			
	Quantity.....	1,000 barrels...	310	91
	Cost.....	Million dollars.	1.2	.4
291151	Residual:			
	Quantity.....	1,000 barrels...	133	101
	Cost.....	Million dollars.	.4	.4
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):			
	Quantity.....	Million cubic ft.	4,702	5,268
	Cost.....	Million dollars.	2.8	1.8
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	.6	3.7
	Fuels, n.s.k.....	...do.....	2.6	-
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	623	130
	Cost.....	Million dollars.	9.8	1.7
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	-	65
	Total energy used for heat and power[1].....	Million kw.-hrs.	5,645	2,964

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2851	PAINTS AND ALLIED PRODUCTS										
	ENTIRE INDUSTRY	1 701	66.1	492.0	36.3	73.1	223.4	1 318.5	1 606.4	2 911.4	70.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1 640	60.8	448.0	33.7	67.8	206.4	1 222.8	1 464.6	2 674.4	63.5
28511	EXTERIOR OIL-TYPE TRADE SALES PAINT PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	172	8.2	57.4	4.1	8.5	23.9	130.7	177.7	304.6	4.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	33	.9	6.7	.5	1.0	2.8	16.4	24.4	40.5	.8
28512	EXT. WATER-TYPE PAINT PRODUCTS AND TINTING BASES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	21	.5	3.9	.3	.7	1.8	11.6	10.7	21.9	.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28513	INTERIOR OIL-TYPE TRADE SALES PAINT PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	93	6.1	44.7	3.5	7.4	21.3	128.1	154.2	283.7	3.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	21	.5	3.6	.3	.6	1.5	9.7	14.8	24.5	.2
28514	INT. WATER-TYPE PAINT PRODUCTS AND TINTING BASES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	105	8.2	58.0	4.6	9.4	29.0	208.4	245.0	450.3	13.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	6	.3	2.1	.1	.2	.6	3.4	5.4	6.7	(D)
28515	TRADE SALES LACQUERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	9	.8	6.9	.6	1.1	4.2	24.0	20.1	43.8	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28516	INDUSTRIAL PRODUCT FINISHES, EXCEPT LACQUERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	289	21.9	172.6	11.6	23.4	77.8	446.3	538.3	981.7	22.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	130	5.6	45.2	3.0	6.2	19.7	113.5	145.3	256.6	6.8
28517	INDUSTRIAL LACQUERS, INCLUDING ACRYLICS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	71	3.4	27.9	1.8	3.6	11.6	62.3	72.3	134.7	3.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	19	.4	2.8	.2	.4	1.3	5.3	9.3	14.5	.1
28518	PUTTY, CAULKING COMPOUNDS AND ALLIED PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	94	4.2	32.4	2.1	4.4	12.3	83.0	84.2	166.3	4.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	58	1.8	13.0	1.1	2.2	6.2	39.7	41.6	80.7	2.2
28519	MISCELLANEOUS PAINT PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	78	3.6	26.4	2.1	4.5	14.0	70.3	108.2	176.9	5.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	52	2.5	18.9	1.5	3.2	10.1	53.1	75.1	126.2	4.5
2861	GUM AND WOOD CHEMICALS										
	ENTIRE INDUSTRY	184	5.9	33.5	4.6	9.0	23.1	100.8	115.3	215.9	20.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	178	3.7	18.4	2.9	5.8	12.7	44.9	53.1	98.1	6.0
28611	SOFTWOOD DISTILLATION PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	17	3.1	20.5	2.3	4.7	13.8	63.4	68.0	131.3	11.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28612	OTHER GUM AND WOOD CHEMICALS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	51	2.3	11.2	1.9	3.7	8.3	31.5	41.4	72.9	9.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	45	1.9	8.0	1.6	3.0	6.1	20.0	24.7	43.6	3.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

AGRICULTURAL CHEMICALS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2871--Fertilizers
2872--Fertilizers, Mixing Only
2879--Agricultural Pesticides, and Other Agricultural Chemicals, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2871--AGRICULTURAL CHEMICALS

This industry comprises establishments primarily engaged in manufacturing mixed fertilizers (mixtures containing nitrogen, phosphoric acid (P_2O_5) or potash), from one or more fertilizer materials produced in the same establishment. Sulfuric, phosphoric, and nitric acid plants operated in conjunction with fertilizer plants and separately reported are classified in industry 2819. When separate reports are not available these acid plants are classified in this industry. Establishments engaged in manufacturing urea are classified in industry 2818. For a detailed list of products of industry 2871, refer to table 6A, product codes 2871115 to 2871285.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Fertilizers Industry in 1967 totaled $1,196.9 million. This included shipments of fertilizers (primary products), valued at $933.6 million, shipments of other products (secondary products) valued at $154.6 million, and miscellaneous receipts of $108.8 million.

This industry's shipments of fertilizers (primary products) in 1967 represented 86 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 89 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial inorganic chemicals, n.e.c. ($145.5 million).

Industry 2871 shipments of fertilizers $933.6 (primary products) in 1967 represented 95 percent (coverage ratio) of these products valued at $982.8 million shipped by all industries. In 1963, the coverage ratio was 97 percent. Other industries shipping fertilizers (primary products) consisted mainly of industry 2819, Industrial Inorganic Chemicals, N.E.C., $33.8 million; and industry 2872, Fertilizers, Mixing Only, $12.4 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2871, these establishments accounted for 0.0 percent of payroll and value added by manufacture.

2872--FERTILIZERS, MIXING ONLY

This industry comprises establishments primarily engaged in mixing fertilizers from purchased fertilizer materials. For a detailed list of products of industry 2872, refer to table 6A, product codes 2872213 to 2872278.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Fertilizers, Mixing Only, Industry in 1967 totaled $731.1 million. This included shipments of fertilizers, mixing only (primary products), valued at $570.1 million, shipments of other products (secondary products) valued at $23.5 million, and miscellaneous receipts of $137.5 million.

This industry's shipments of fertilizers, mixing only (primary products) in 1967 represented 96 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent. Secondary products shipped by this industry in 1967 consisted mainly of fertilizers ($12.4 million), and industrial inorganic chemicals, n.e.c. ($0.6 million).

Industry 2872 shipments of fertilizers mixing only $570.1 (primary products) in 1967 represented 97 percent (coverage ratio) of these products valued at $588.2 million shipped by all industries. In 1963, the coverage ratio was 96 percent. Other industries shipping fertilizers, mixing only (primary products) consisted mainly of industry 2879, Agricultural Chemicals, N.E.C., $4.8 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2872, these establishments accounted for 3 percent of payroll and 2 percent of value added by manufacture.

2879--AGRICULTURAL PESTICIDES, AND OTHER AGRICULTURAL CHEMICALS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in the formulation and preparation of ready-to-use agricultural pest control chemicals, including insecticides, fungicides, and herbicides from technical chemicals or concentrates; and the production of concentrates which require further processing before use as agricultural pesticides. This industry also includes establishments primarily engaged in manufacturing or formulating agricultural chemicals, not elsewhere classified, such as minor or trace elements and soil conditioners. Establishments primarily engaged in manufacturing basic or technical agricultural pest control chemicals including insecticides, fungicides, and herbicides such as lead and calcium arsenates, copper sulfate, DDT, BHC, 2, 4-D

carbamates, etc., are classified in Group 281. Establishments primarily engaged in manufacturing household or industrial pesticides are classified in industry 2842, and agricultural lime products in Major group 32. For a detailed list of products of industry 2879, refer to table 6A, product codes 2879010 to 2879098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Agricultural Chemicals, N.E.C., Industry in 1967 totaled $817.0 million. This included shipments of agricultural chemicals, n.e.c. (primary products), valued at $598.5 million, shipments of other products (secondary products) valued at $88.4 million, and miscellaneous receipts of $130.1 million.

This industry's shipments of agricultural chemicals, n.e.c. (primary products) in 1967 represented 87 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 87 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial organic chemicals ($14.9 million), and chemical preparations, n.e.c. ($13.0 million).

Industry 2879 shipments of Agricultural Chemicals, N.E.C. (primary products) in 1967 represented 72 percent (coverage ratio) of these products valued at $834.3 million shipped by all industries. In 1963, the coverage ratio was 69 percent. Other industries shipping Agricultural Chemicals, N.E.C. (primary products) consisted mainly of industry 2818, Industrial Organic Chemicals, N.E.C., $107.1 million; and industry 2819, Industrial Inorganic Chemicals, N.E.C., $22.4 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2879, these establishments accounted for 1 percent of payroll and 0.6 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 2871.--FERTILIZERS													
1967 Census....	213	184	20.8	129.2	15.2	32.2	86.1	434.1	783.7	1,196.9	133.1	245.2	86	95
1966 ASM[1].....	(NA)	(NA)	21.8	125.1	15.9	33.6	85.8	417.7	783.5	1,167.0	87.5	232.6	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	20.7	113.8	15.2	32.0	77.2	375.9	705.2	1,057.5	157.5	191.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	20.8	109.9	15.4	32.9	74.9	343.2	661.3	995.9	*82.1	169.9	(NA)	(NA)
1963 Census....	281	199	20.0	102.3	14.8	31.9	70.8	287.8	583.6	869.2	45.5	148.9	89	97
1962 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census[2]...	283	205	18.7	79.0	14.1	29.0	55.3	197.9	406.2	605.2	24.3	98.7	(NA)	(NA)
	INDUSTRY 2872.--FERTILIZERS, MIXING ONLY													
1967 Census....	721	210	13.4	70.6	8.9	17.8	37.5	195.3	535.7	731.1	18.0	133.2	96	97
1966 ASM[1].....	(NA)	(NA)	14.5	67.7	9.8	19.3	37.9	213.6	531.1	734.9	16.6	135.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	14.2	63.8	9.7	19.0	35.4	195.4	503.7	690.1	16.0	124.2	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	13.8	62.2	9.1	18.2	33.9	188.5	489.1	668.2	16.8	116.7	(NA)	(NA)
1963 Census....	733	232	13.8	59.4	9.3	18.7	33.7	164.1	459.2	623.1	12.0	108.2	94	96
1962 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census[2]...	685	202	12.2	43.6	8.3	15.9	25.6	105.8	333.3	438.6	8.7	71.0	(NA)	(NA)
	INDUSTRY 2879.--AGRICULTURAL CHEMICALS, N.E.C.													
1967 Census....	344	115	11.5	80.7	6.9	13.6	39.0	376.3	460.8	817.0	54.0	145.6	87	72
1966 ASM[1].....	(NA)	(NA)	11.0	72.8	6.2	12.1	32.5	277.6	425.2	692.7	25.4	137.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	10.2	60.5	5.9	11.0	28.5	229.3	351.4	588.3	19.0	110.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	9.0	52.8	5.2	10.8	24.1	181.5	302.6	478.6	12.4	96.5	(NA)	(NA)
1963 Census....	340	112	9.1	51.5	5.3	10.6	24.4	176.3	307.0	476.7	9.1	93.3	87	69
1962 ASM[1].....	(NA)	(NA)	8.7	46.3	5.1	10.2	20.9	146.4	292.7	431.7	7.5	76.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	8.4	43.6	5.1	10.1	20.2	137.2	275.8	406.7	5.6	70.7	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	8.9	45.0	5.3	10.1	20.0	142.4	262.8	398.0	7.8	68.1	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	8.5	41.2	5.1	9.5	19.2	127.5	243.2	364.1	7.9	65.2	(NA)	(NA)
1958 Census[2]...	337	101	7.8	37.8	4.9	9.5	18.6	111.0	223.2	333.1	7.0	62.5	90	74

Note: In 1967, 1963, and 1958, the number of companies in industry 2871 was 85, 145, and (NA), respectively; in industry 2872: 496, 537, and (NA); industry 2879: 223, 241, and (NA). The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. * These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2871.--FERTILIZERS								
1967 Census	6,203	73	2,114	2.68	.65	.76	20,870	30	13.50
1966 ASM	5,736	73	2,113	2.55	.67	.78	19,151	30	12.43
1965 ASM	5,492	74	2,100	2.41	.67	.77	18,148	30	11.75
1964 ASM	5,274	74	2,144	2.27	.66	.77	16,477	32	10.43
1963 Census	5,117	74	2,149	2.22	.67	.79	14,396	36	9.02
1962 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census	4,219	75	2,055	1.91	.67	.80	10,569	40	6.83
	INDUSTRY 2872.--FERTILIZERS, MIXING ONLY								
1967 Census	5,250	66	2,007	2.10	.73	.83	14,529	36	10.96
1966 ASM	4,654	68	1,967	1.96	.72	.81	14,696	32	11.05
1965 ASM	4,503	69	1,953	1.86	.73	.82	13,785	33	10.29
1964 ASM	4,518	66	1,994	1.86	.73	.83	13,694	33	10.35
1963 Census	4,319	68	2,003	1.80	.74	.83	11,936	36	8.77
1962 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1961 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1960 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ASM	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 Census	3,586	68	1,916	1.61	.76	.86	8,704	41	6.64
	INDUSTRY 2879.--AGRICULTURAL PESTICIDES AND OTHER AGRICULTURAL CHEMICALS, N.E.C.								
1967 Census	7,005	60	1,954	2.88	.56	.66	32,722	21	27.67
1966 ASM	6,604	56	1,953	2.69	.61	.72	25,167	26	22.98
1965 ASM	5,954	58	1,870	2.60	.60	.70	22,582	26	20.98
1964 ASM	5,841	58	2,069	2.23	.63	.74	20,067	29	16.82
1963 Census	5,662	58	2,014	2.30	.64	.75	19,399	29	16.58
1962 ASM	5,324	59	1,996	2.05	.68	.79	16,845	32	14.37
1961 ASM	5,187	61	1,975	2.00	.68	.79	16,304	32	13.57
1960 ASM	5,079	60	1,916	1.97	.66	.77	16,073	32	14.05
1959 ASM	4,878	60	1,868	2.02	.67	.78	15,078	32	13.40
1958 Census	4,851	63	1,932	1.96	.67	.78	14,248	34	11.68

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2871-- FERTILIZERS													
UNITED STATES	213	184	20.8	129.2	15.2	32.2	86.1	434.1	783.7	1 196.9	133.1	20.0	287.8
NORTHEAST REGION	12	8	.8	4.4	.5	1.1	3.0	8.4	15.0	23.5	.5	1.2	11.1
MIDDLE ATLANTIC DIVISION	10	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	8.9
NEW JERSEY	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	7	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	59	51	4.0	24.6	2.8	5.8	15.6	58.9	188.5	243.9	16.0	4.3	57.0
EAST NORTH CENTRAL DIVISION	43	39	3.0	17.9	2.1	4.1	11.1	41.7	134.7	173.7	14.1	3.2	42.2
OHIO	13	13	.9	5.4	.7	1.4	3.6	15.1	37.7	52.9	.7	1.1	13.3
INDIANA	7	7	.4	1.9	.3	.6	1.5	5.4	17.4	22.7	.5	.4	4.1
ILLINOIS	13	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3	18.6
MICHIGAN	5	3	.3	1.7	.2	.3	1.0	4.7	13.1	18.2	.4	.3	4.5
WEST NORTH CENTRAL DIVISION	16	12	1.1	6.7	.8	1.6	4.4	17.2	53.7	70.2	1.9	1.0	14.7
MINNESOTA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
IOWA	5	5	.4	2.6	.3	.6	1.8	9.8	17.7	27.2	.2	[2](D)	[2](D)
MISSOURI	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	6.7
SOUTH REGION	125	112	14.3	87.2	10.7	23.0	60.0	338.8	516.4	834.1	107.0	13.0	195.6
SOUTH ATLANTIC DIVISION	68	64	9.9	59.2	7.4	15.9	40.8	179.0	348.6	511.1	41.9	[2]8.7	110.0
MARYLAND	4	4	.5	2.8	.3	.7	2.1	7.5	13.9	20.4	.8	(D)	[2] (D)
VIRGINIA	9	8	.9	4.5	.7	1.5	3.3	11.6	19.7	31.8	.9	.9	7.9
NORTH CAROLINA	11	10	.9	4.1	.6	1.1	2.3	9.3	28.0	37.2	(D)	.8	9.5
SOUTH CAROLINA	8	7	.6	3.1	.5	1.1	2.2	8.3	19.2	26.6	.9	[2](D)	[2](D)
GEORGIA	16	16	1.2	6.0	1.0	2.0	3.8	13.5	41.5	53.6	1.6	1.2	9.7
FLORIDA	20	19	5.7	38.7	4.3	9.4	27.0	167.2	226.3	379.9	(D)	4.6	72.1
EAST SOUTH CENTRAL DIVISION	31	29	2.3	12.8	1.8	4.1	9.2	67.4	83.1	149.0	4.1	2.5	46.3
TENNESSEE	9	9	.6	3.0	.4	.8	1.9	6.9	20.0	27.0	(D)	[2] (D)	[2] (D)
ALABAMA	10	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	14.2
MISSISSIPPI	9	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	22.4
WEST SOUTH CENTRAL DIVISION	26	19	2.1	15.2	1.5	3.1	10.0	53.9	84.7	135.6	61.0	1.8	39.3
ARKANSAS	3	3	.2	.6	.1	.2	.4	.8	6.6	7.9	.3	.2	1.5
LOUISIANA	9	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.3
TEXAS	12	9	1.3	10.0	1.0	2.0	7.0	42.0	47.8	89.1	(D)	1.1	33.1
WEST REGION	17	13	1.7	13.0	1.1	2.3	7.5	28.1	63.9	95.5	9.6	1.4	24.1
MOUNTAIN DIVISION	9	8	1.0	7.1	.7	1.5	4.8	9.3	33.8	48.2	8.2	.8	8.8
IDAHO	4	4	.8	5.6	.6	1.2	3.8	6.7	28.0	38.1	7.4	[2](D)	[2](D)
PACIFIC DIVISION	8	5	.7	6.0	.4	.8	2.7	18.7	30.1	47.3	1.3	.6	15.3
CALIFORNIA	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	14.7
2872-- FERTILIZERS, MIXING ONLY													
UNITED STATES	721	210	13.4	70.6	8.9	17.8	37.5	195.3	535.7	731.1	18.0	13.8	164.1
NORTHEAST REGION	105	27	1.5	7.1	1.1	2.2	4.7	18.0	56.6	76.2	2.1	1.3	15.1
NEW ENGLAND DIVISION	25	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MAINE	8	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	80	22	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	27	8	.3	1.4	.2	.5	1.0	4.2	14.4	19.0	.4	.3	4.2
NEW JERSEY	13	5	.2	1.1	.2	.3	.6	2.6	8.8	11.6	.2	[2](D)	[2](D)
PENNSYLVANIA[e]	40	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.3
NORTH CENTRAL REGION	241	62	4.4	24.9	2.7	5.4	13.0	83.4	208.4	290.2	(D)	4.1	60.2
EAST NORTH CENTRAL DIVISION	157	44	3.3	18.7	2.0	4.0	9.8	66.9	147.1	210.9	(D)	2.6	41.2
OHIO	44	15	1.1	6.0	.7	1.4	3.6	33.5	47.1	79.8	1.1	.9	18.8
INDIANA	35	12	.8	4.2	.4	.9	2.0	10.2	37.8	47.6	(D)	[2](D)	[2](D)
ILLINOIS	38	7	.8	4.8	.4	.9	2.3	12.8	35.6	47.2	1.1	.4	6.6
MICHIGAN	18	5	.3	2.0	.2	.4	1.0	6.1	14.3	19.7	.4	[2](D)	[2](D)
WISCONSIN	22	5	.3	1.6	.2	.4	.9	4.4	12.3	16.6	.6	.3	3.1
WEST NORTH CENTRAL DIVISION	84	18	1.1	6.3	.7	1.4	3.2	16.5	61.3	79.2	(D)	1.5	19.0
MINNESOTA	20	6	.3	2.0	.2	.3	.9	8.3	21.5	29.3	(D)	.5	5.1
IOWA	27	7	.4	2.6	.3	.6	1.3	5.9	24.2	31.1	.8	.6	8.8
MISSOURI	17	3	.2	.8	.1	.3	.6	1.4	7.3	8.8	.1	.1	2.3
SOUTH REGION	306	113	6.5	31.2	4.4	9.0	17.2	79.8	233.2	314.2	(D)	7.1	69.1
SOUTH ATLANTIC DIVISION	201	86	4.8	23.4	3.3	6.8	13.0	57.6	163.6	221.7	(D)	5.4	52.7
MARYLAND	20	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	7.4
VIRGINIA	17	11	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	7.7
NORTH CAROLINA	34	13	.8	3.1	.6	1.1	1.9	7.9	26.7	34.6	(D)	1.0	10.2
SOUTH CAROLINA	17	3	.4	1.3	.3	.6	.9	5.4	10.9	16.5	.2	.5	5.7
GEORGIA	47	12	.7	2.8	.5	1.0	1.6	5.7	19.7	25.6	1.6	1.0	6.1
FLORIDA	60	34	1.7	9.7	1.1	2.4	4.8	22.9	62.5	85.2	(D)	1.3	14.1
EAST SOUTH CENTRAL DIVISION	55	15	.9	4.1	.6	1.3	2.4	10.4	36.8	48.2	1.2	1.1	10.6
KENTUCKY	19	6	.3	1.5	.2	.4	.8	3.2	13.2	16.9	.4	.4	4.1
TENNESSEE	7	3	.2	.8	.1	.3	.5	2.7	10.2	13.3	(D)	.2	3.2
ALABAMA[e]	23	6	.4	1.7	.3	.6	1.0	3.7	12.5	16.4	(D)	.5	3.0

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2872-- FERTILIZERS, MIXING ONLY--CON.													
SOUTH REGION--CON.													
WEST SOUTH CENTRAL DIVISION	50	12	.8	3.8	.5	.9	1.8	11.9	32.8	44.3	.6	.6	5.8
TEXAS	33	12	.7	3.5	.4	.8	1.6	11.4	28.9	39.7	.6	.4	4.2
WEST REGION	69	8	1.1	7.3	.6	1.2	2.6	14.1	37.5	50.6	.8	1.3	19.6
MOUNTAIN DIVISION[2]	18	2	.3	1.9	.2	.4	.6	4.2	7.4	11.4	.1	.3	2.7
ARIZONA[e]	6	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	51	8	.8	5.4	.4	.8	2.0	9.9	30.1	39.2	.6	1.0	16.9
CALIFORNIA	40	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	8.2
2879-- AGRICULTURAL CHEMICALS, NEC													
UNITED STATES	344	115	11.5	80.7	6.9	13.6	39.0	376.3	460.8	817.0	54.0	9.1	176.3
NORTHEAST REGION	41	24	2.2	17.0	1.1	2.2	6.4	54.5	74.4	121.9	(D)	1.7	23.4
MIDDLE ATLANTIC DIVISION	34	21	2.1	16.5	1.1	2.1	6.1	53.3	69.2	115.5	3.1	(D)	(D)
NEW YORK	9	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW JERSEY	17	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	8.7
PENNSYLVANIA	8	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CENTRAL REGION	74	20	2.3	16.9	1.3	2.6	8.5	78.2	113.9	192.5	8.7	1.7	30.4
EAST NORTH CENTRAL DIVISION	41	9	1.0	6.8	.7	1.3	4.5	37.1	41.2	78.3	(D)	.7	10.6
INDIANA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS	17	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	7.4
WEST NORTH CENTRAL DIVISION	33	11	1.3	10.1	.6	1.3	4.0	41.1	72.6	114.2	(D)	1.1	19.8
MISSOURI	10	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	13.8
SOUTH REGION	150	47	4.7	29.1	3.1	6.1	15.3	181.9	173.5	344.4	(D)	3.6	69.5
SOUTH ATLANTIC DIVISION	64	25	1.6	8.3	1.0	1.9	4.0	26.5	57.2	83.3	.9	1.7	19.2
MARYLAND[e]	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CAROLINA	14	4	.2	1.0	.1	.2	.3	2.7	7.7	10.2	.1	.2	3.1
GEORGIA	17	8	.5	2.5	.4	.6	1.2	6.6	14.9	21.6	.3	.7	5.4
FLORIDA	20	7	.5	2.6	.3	.7	1.3	11.2	20.9	32.5	.3	.4	7.3
EAST SOUTH CENTRAL DIVISION	35	10	2.2	15.2	1.5	3.1	8.7	131.1	71.3	194.7	(D)	.9	29.4
TENNESSEE	8	3	.4	3.1	.3	.5	1.6	9.6	15.6	22.5	(D)	(D)	(D)
ALABAMA	10	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	25.6
MISSISSIPPI	13	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	2.6
WEST SOUTH CENTRAL DIVISION	51	12	.9	5.5	.6	1.1	2.7	24.4	45.0	66.4	2.0	1.0	20.9
ARKANSAS	7	2	.2	1.3	.1	.3	.5	8.9	12.7	20.3	(D)	(D)	(D)
TEXAS	31	10	.6	3.7	.4	.7	1.9	13.2	25.5	37.7	(D)	.8	16.6
WEST REGION	79	24	2.3	17.8	1.4	2.7	8.8	61.8	99.0	158.2	1.8	2.1	53.0
MOUNTAIN DIVISION	20	6	.6	5.1	.4	.8	2.6	33.2	25.6	55.2	.9	.6	28.9
COLORADO	8	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	59	18	1.7	12.7	1.0	1.9	6.2	28.6	73.5	103.0	.9	1.5	24.1
CALIFORNIA	46	15	1.5	11.3	.8	1.7	5.6	23.2	64.0	88.8	.8	1.3	19.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated.

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Fertilizers (SIC 2871)	Fertilizers, mixing only (SIC 2872)	Agricultural chemicals, n.e.c. (SIC 2879)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.86	.96	.87
COVERAGE RATIO[2]	.95	.97	.72
ESTABLISHMENTS, TOTAL . . . NUMBER	213	721	344
WITH 1 TO 19 EMPLOYEES . . . DO	29	511	229
WITH 20 TO 99 EMPLOYEES . . . DO	126	195	89
WITH 100 EMPLOYEES OR MORE . . . DO	58	15	26
ALL EMPLOYEES, AVERAGE FOR YEAR . . . 1,000	20.8	13.4	11.5
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	129.2	70.6	80.7
PRODUCTION WORKERS:			
AVERAGE FOR YEAR . . . 1,000	15.2	8.9	6.9
MARCH . . . DO	16.7	10.6	7.2
MAY . . . DO	16.4	11.0	7.5
AUGUST . . . DO	13.2	6.8	6.9
NOVEMBER . . . DO	14.2	7.1	6.3
MAN-HOURS . . . MILLIONS	32.2	17.8	13.6
JANUARY-MARCH . . . DO	8.8	5.0	3.4
APRIL-JUNE . . . DO	8.9	5.6	3.7
JULY-SEPTEMBER . . . DO	7.0	3.4	3.5
OCTOBER-DECEMBER . . . DO	7.5	3.8	3.0
WAGES . . . MILLION DOLLARS	86.1	37.5	39.0
COST OF MATERIALS, ETC., TOTAL . . . DO	783.7	535.7	460.8
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . . . DO	667.8	417.4	352.7
COST OF RESALES . . . DO	82.1	111.9	98.6
FUELS CONSUMED . . . DO	13.4	2.6	2.8
PURCHASED ELECTRIC ENERGY . . . DO	17.7	2.9	3.1
CONTRACT WORK . . . DO	2.7	.9	3.7
VALUE OF SHIPMENTS, INCLUDING RESALES . . . DO	1 196.9	731.1	817.0
VALUE OF RESALES . . . DO	94.3	131.4	122.3
VALUE ADDED BY MANUFACTURE . . . DO	434.1	195.3	376.3
MANUFACTURERS' INVENTORIES:			
BEGINNING OF YEAR, TOTAL . . . DO	222.8	131.7	123.1
FINISHED PRODUCTS . . . DO	126.3	72.2	75.6
WORK IN PROCESS . . . DO	31.1	15.3	8.4
MATERIALS, SUPPLIES, FUEL, ETC. . . . DO	65.4	44.2	39.1
END OF YEAR, TOTAL . . . DO	245.2	133.2	145.6
FINISHED PRODUCTS . . . DO	146.5	72.3	93.2
WORK IN PROCESS . . . DO	31.8	15.0	10.2
MATERIALS, SUPPLIES, FUEL, ETC. . . . DO	66.9	45.8	42.2
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . . DO	137.8	20.0	55.4
NEW PLANT AND EQUIPMENT, TOTAL . . . DO	133.1	18.0	54.0
NEW STRUCTURES AND ADDITIONS TO PLANT . . . DO	15.3	6.0	11.6
NEW MACHINERY AND EQUIPMENT . . . DO	117.8	11.9	42.5
USED PLANT AND EQUIPMENT . . . DO	4.7	2.0	1.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2871-- FERTILIZERS											
ESTABLISHMENTS, TOTAL	213	20.8	129.2	15.2	32.2	86.1	434.1	783.7	1 196.9	133.1	245.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	8	(Z)	.1	(Z)	(Z)	.1	.5	.8	1.3	55.0	.5
5 TO 9 EMPLOYEES	7	(Z)	.2	(Z)	.1	.1	1.2	1.5	2.7	(D)	.8
10 TO 19 EMPLOYEES	14	.2	1.2	.2	.3	.7	3.6	11.1	13.8	(D)	3.2
20 TO 49 EMPLOYEES	55	2.0	11.0	1.6	3.4	7.9	24.4	81.3	107.7	(D)	28.2
50 TO 99 EMPLOYEES	71	4.9	25.0	3.8	7.7	16.9	63.9	179.0	239.0	6.4	59.1
100 TO 249 EMPLOYEES	40	5.7	37.7	4.0	8.6	24.2	93.6	224.3	312.4	45.4	71.5
250 TO 499 EMPLOYEES	14	5.0	34.8	3.5	7.8	22.7	196.4	198.2	383.3	18.3	56.9
500 TO 999 EMPLOYEES	3	2.9	19.2	2.1	4.4	13.4	50.6	87.5	136.7	8.0	24.9
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2872-- FERTILIZERS, MIXING ONLY											
ESTABLISHMENTS, TOTAL	721	13.4	70.6	8.9	17.8	37.5	195.3	535.7	731.1	18.0	133.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	249	.5	2.7	.5	.8	1.6	9.1	23.2	32.1	2.2	4.2
5 TO 9 EMPLOYEES	115	.8	4.4	.5	1.1	2.3	11.7	38.3	49.3	1.2	9.2
10 TO 19 EMPLOYEES	147	2.0	10.3	1.4	2.8	5.5	26.5	75.3	105.1	2.4	17.0
20 TO 49 EMPLOYEES	142	4.3	21.4	3.0	6.2	12.7	56.6	181.6	238.9	4.9	46.1
50 TO 99 EMPLOYEES	53	3.6	20.5	2.3	4.4	10.1	49.5	135.9	185.0	5.6	33.8
100 TO 249 EMPLOYEES	14	2.2	11.2	1.2	2.6	5.3	41.8	81.4	120.6	1.7	22.8
250 TO 499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1] [e]	177	.4	2.0	.4	.6	1.2	4.7	12.2	16.8	.4	2.9
2879-- AGRICULTURAL CHEMICALS, NEC											
ESTABLISHMENTS, TOTAL	344	11.5	80.7	6.9	13.6	39.0	376.3	460.8	817.0	54.0	145.6
ESTABLISHMENTS WITH AN AVERAGE OF-										[2]	
1 TO 4 EMPLOYEES[e]	106	.2	1.2	.2	.2	.5	4.0	7.7	11.5	1.3	2.8
5 TO 9 EMPLOYEES	62	.4	2.4	.3	.6	1.2	11.8	30.1	40.2	1.8	8.8
10 TO 19 EMPLOYEES	61	.8	4.5	.5	1.0	2.0	23.0	40.0	60.8	1.0	9.8
20 TO 49 EMPLOYEES	66	2.1	13.0	1.2	2.4	5.2	39.8	103.4	140.8	2.8	25.5
50 TO 99 EMPLOYEES	23	1.5	10.8	.9	1.8	5.6	31.9	58.5	87.4	1.3	16.5
100 TO 249 EMPLOYEES	19	2.5	16.2	1.6	3.2	9.5	60.6	105.0	166.3	3.4	26.4
250 TO 499 EMPLOYEES	4	1.5	12.9	.9	1.9	6.7	66.6	60.3	122.9	42.5	22.2
500 TO 999 EMPLOYEES	2	2.5	19.7	1.3	2.6	8.4	138.6	55.8	187.0	(D)	33.6
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1] [e]	72	.2	1.0	.1	.2	.5	2.2	4.0	6.2	.1	1.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e] For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1] Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2] Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2871	Fertilizers.....1967..	1,196.9	933.6	154.6	108.8	86	982.8	933.6	49.2	95
	1963..	869.2	702.5	85.3	81.4	89	727.9	702.5	25.4	97
2872	Fertilizers, mixing only.....1967..	731.1	570.1	23.5	137.5	96	588.2	570.1	18.1	97
	1963..	623.1	473.9	29.2	120.0	94	492.7	473.9	18.8	96
2879	Agricultural chemicals, n.e.c.....1967..	817.0	598.5	88.4	130.1	87	834.3	598.5	235.8	72
	1963..	476.7	337.1	52.6	87.0	87	488.7	337.1	151.6	69

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry, and miscellaneous receipts	All industries	Fertilizers (SIC 2871)	Fertilizers, mixing only (SIC 2872)	Agricultural chemicals, n.e.c. (SIC 2879)	Other industries
	Total shipments and miscellaneous receipts	(X)	1,196.9	731.1	817.0	(X)
2871-	Fertilizers	982.8	933.6	12.4	under 2	(20-50)
	Superphosphate and other phosphatic fertilizer materials	542.0	510.0	-	-	32.0
28712	Mixed fertilizers (from phosphatic fertilizer materials produced in same establishment and fertilizer materials of organic orgin)	435.9	422.6	9.4	under 2	(2-5)
28710	Fertilizers, n.s.k	4.9	1.1	3.0	under 2	under 2
2872-	Fertilizers, mixing only	588.2	under 2	570.1	4.8	(10-20)
2879-	Agricultural chemicals, n.s.k	834.3	(2-5)	(5-10)	598.5	223.9
	Other product shipments by 4-digit product group					
2815-	Cyclic intermediates and crudes	(X)	(Z)	-	over 2	(X)
2818-	Industrial organic chemicals, n.e.c	(X)	(2-5)	-	14.9	(X)
2819-	Industrial inorganic chemicals, n.e.c	(X)	145.5	0.6	4.3	(X)
2833-	Medicinals and botanicals	(X)	(Z)	-	(10-20)	(X)
2834-	Pharmaceutical preparations	(X)	-	-	(2-5)	(X)
2842-	Polishes and sanitation goods	(X)	-	under 2	11.9	(X)
2851-	Paints and allied products	(X)	-	-	(2-5)	(X)
2899-	Chemical preparations, n.e.c	(X)	under 2	-	13.0	(X)
	Other products	(X)	under 2	under 2	3.5	(X)
	Miscellaneous receipts	(X)	108.8	137.5	130.1	(X)
99989	Resales	(X)	94.3	131.4	122.3	(X)
93000	Contract work	(X)	14.5	4.7	6.5	(X)
99980	Other miscellaneous receipts	(X)		1.4	1.3	(X)
	Listing of the other industries with over $2 million shipments of the primary products					
2871-	2819- Industrial inorganic chemicals, n.e.c	(X)	(X)	(X)	(X)	33.8
2872-	2042- Prepared feeds	(X)	(X)	(X)	(X)	(2-5)
2872-	2818- Industrial organic chemicals, n.e.c	(X)	(X)	(X)	(X)	over 2
2872-	2819- Industrial inorganic chemicals, n.e.c	(X)	(X)	(X)	(X)	over 2
2879-	2099- Food preparations, n.e.c	(X)	(X)	(X)	(X)	over 2
2879-	2812- Alkalies and chlorine	(X)	(X)	(X)	(X)	12.0
2879-	2818- Industrial organic chemicals, n.e.c	(X)	(X)	(X)	(X)	107.1
2879-	2819- Industrial inorganic chemicals, n.e.c	(X)	(X)	(X)	(X)	22.4
2879-	2821- Plastics materials and resins	(X)	(X)	(X)	(X)	(20-50)
2879-	2834- Pharmaceutical preparations	(X)	(X)	(X)	(X)	(5-10)
2879-	2861- Gum and wood chemicals	(X)	(X)	(X)	(X)	over 2
2879-	2899- Chemical preparations, n.e.c	(X)	(X)	(X)	(X)	4.3
2879-	2911- Petroleum refinery products	(X)	(X)	(X)	(X)	(2-5)

Note: Data shown parenthetically are ranges expressed in millions of dollars.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967			1963		
		Production for all purposes (1,000 short tons)	Total shipments, including interplant transfers		Production for all purposes (1,000 short tons)	Total shipments, including interplant transfers	
			Quantity (1,000 short tons)	Value (million dollars)		Quantity (1,000 short tons)	Value (million dollars)
2871- --	FERTILIZERS, TOTAL	(X)	(X)	982.8	(X)	(X)	727.9
28711 --	Superphosphate and other phosphatic fertilizer materials, total[1]	(X)	(X)	542.0	(X)	(X)	321.5
	Superphosphate:						
28711 15	Normal and enriched (less than 42% P_2O_5) (basis 100% P_2O_5)	(S)	(S)	47.7	1,186.0	624.0	58.2
28711 41	Triple (40% or more P_2O_5) (basis 100% P_2O_5)	(S)	(S)	149.4	[2]1,116.5	1,138.0	105.3
28711 51	Ammonium phosphates (chemically processed nitrogenphosphorus materials comprising liquid and solid fertilizer grades of monoammonium and diammonium phosphates and their processed combinations with ammonium sulphate) (basis 100% P_2O_5)	(S)	(S)	272.8	[3]745.8	663.9	108.1
28711 61	Other phosphatic fertilizer materials (chemically processed materials such as ammonium phosphate potash mixtures, nitrophosphates, calcium metaphosphates, sodium phosphates, wetbase goods, etc.) (basis 100% P_2O_5)	(S)	(S)	65.7	[4]165.0	113.2	31.7
28711 71	Defluorinated superphosphate and phosphate rock (feed grade) (100% P)	16.8	16.8	6.3	49.3	50.1	18.2
28711 00	Superphosphate and other phosphatic fertilizers, n.e.c	(X)	(X)	-	(X)	(X)	-
28712 --	Mixed fertilizers (from phosphatic fertilizer materials produced in same establishment and fertilizer materials of organic origin), total	(X)	(X)	435.9	(X)	(X)	406.4
	Complete mixtures--grades guaranteeing N, P_2O_5, and K_2O (excluding amonium phosphate potash mixture chemically processed in same establishment):						
28712 13	Shipped in dry form	6,825.1	6,861.4	371.6	6,571.7	6,436.6	335.8
28712 17	Shipped in liquid form	100.9	116.3	5.9	84.3	84.8	6.1
	Incomplete mixtures, including dry and liquid forms:						
28712 25	Grades guaranteeing N and P_2O_5 only including ammoniated superphosphates (including ammonium phoshates chemically processed in same establishment)	261.8	209.0	14.7	251.8	210.2	13.8
28712 31	Grades guaranteeing P_2O_5 and K_2O only	485.1	466.6	22.6	372.4	348.4	17.1
28712 51	Grades guaranteeing N and K_2O only	41.5	40.6	2.1	63.0	63.2	3.8
28712 78	Grades guaranteeing $N_1P_2O_5$ or K_2O only	149.6	148.4	6.1	56.2	56.3	2.5
28712 85	Fertilizer materials of organic origin (includes activated sewage sludge, processed tankage and other natural fertilizer materials)	303.2	301.5	10.0	337.4	321.1	11.8
28712 00	Mixed fertilizers, complete and incomplete, and fertilizer materials of organic origin, n.s.k.	(X)	(X)	3.0	(X)	(X)	15.4
28710 00	Fertilizers, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	4.9	(X)	(X)	-
28710 02	Fertilizers, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	(X)	-	(X)	(X)	(X)
2872- --	FERTILIZERS, MIXING ONLY, TOTAL	(X)	(X)	588.2	(X)	(X)	492.7
28722 --	Fertilizers, mixing only, total	(X)	(X)	588.2	(X)	(X)	492.7
	Complete mixtures--grades guaranteeing N, P_2O_5, and K_2O:						
28722 13	Shipped in dry form	7,116.1	7,222.9	392.0	6,830.6	6,725.6	354.6
28722 17	Shipped in liquid form	642.1	661.0	32.3	283.5	287.7	15.8
	Incomplete mixtures, including dry and liquid forms:						
28722 25	Grades guaranteeing N and P_2O_5 only, including ammoniated superhposphates	179.2	174.3	13.1	311.0	308.8	21.3
28722 31	Grades guaranteeing P_2O_5 and K_2O only	265.1	261.7	13.5	437.4	423.9	20.4
28722 51	Grades guaranteeing N and K_2O only	153.5	154.8	8.8	159.6	160.2	8.2
28722 78	Grades guaranteeing N or K_2O only	358.1	353.2	19.4	153.5	162.9	7.2
28722 00	Fertilizers, mixing only, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	92.3	(X)	(X)	65.2
28722 02	Fertilizers, mixing only, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	(X)	16.8			

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967			1963		
		Production for all purposes (million pounds)	Total shipments, including interplant transfers		Production for all purposes (million pounds)	Total shipments, including interplant transfers	
			Quantity (million pounds)	Value (million dollars)		Quantity (million pounds)	Value (million dollars)
2879- --	AGRICULTURAL CHEMICALS, N.E.C., TOTAL	(X)	(X)	834.3	(X)	(X)	488.7
	Insecticidal and other fungicidal preparations (formulations) primarily for agricultural use, excluding aerosols and fly sprays:						
28790 10	Arsenic compounds (calcium and lead arsenate)	(X)	(X)	1.4	5.6	4.9	1.5
28790 13	Arsenical insecticides and fungicides, including paris green and other copper arsenicals or mixtures containing arsenicals and excluding weed killers	(NA)	(NA)	3.8	(NA)	(NA)	3.6
28790 15	Sulfur containing preparations, including wettable sulfur, sulfur dust, and lime sulfur	(NA)	236.9	10.7	202.9	193.9	9.5
28790 32	Benzene hexachloride and/or lindane preparations without DDT	(NA)	(NA)	2.2	(NA)	(NA)	4.1
	DDT-containing preparations:						
28790 33	Preparations containing DDT as the active ingredient	(NA)	154.7	23.6	192.0	181.7	25.8
28790 35	Preparations of DDT and other toxicants	(NA)	70.0	13.5	156.3	153.8	23.2
28790 39	Chlorinated hydrocarbon pesticidal preparations other than those containing benzene hexachloride or DDT	(NA)	228.2	70.7	308.4	298.6	68.8
	Organic phosphate-containing preparations:						
28790 43	Preparations containing parathion as the active ingredient	(NA)	37.3	12.1			
28790 45	Preparations containing methyl parathion as the active ingredient	(NA)	49.3	23.7	219.8	204.6	59.7
28790 47	Preparations containing other organic phosphates as the active ingredient	(NA)	152.4	64.1			
28790 49	Other agricultural insecticidal preparations and/or concentrates, including petroleum oil sprays and emulsions without other toxicants, excluding botanicals	(NA)	410.2	125.6	(NA)	(NA)	60.7
28790 61	Botanical preparations and/or concentrates for agricultural use	(NA)	30.6	7.3	(NA)	(NA)	0.8
28790 65	Seed treatment compounds (insecticides, fungicides, and innoculants)	(NA)	30.0	10.5	20.9	20.5	7.7
28790 67	Copper-containing dry preparations, including dry bordeaux mixture, excluding paris green and copper sulfate	(NA)	23.7	6.3	19.8	19.0	3.1
28790 69	Other fungicidal preparations for agricultural use	(NA)	81.1	31.8	76.9	75.9	25.1
28790 71	Soil fumigants	(NA)	60.1	13.5	30.7	29.2	7.8
	Herbicidal preparations:						
28790 81	Sodium arsenite	(NA)	11.6	1.5	24.5	25.0	2.3
28790 82	Sodium chlorate preparations	(NA)	18.8	3.6	67.0	57.7	10.6
28790 83	2; 4-D, (2; 4-dichlorophenoxyacetic acid) and derivatives	(NA)	(NA)	46.4	(NA)	(NA)	25.6
28790 84	2; 4; 5-trichlorophenoxyacetic acid and derivatives	(NA)	(NA)	24.7	(NA)	(NA)	12.8
28790 85	Defoliants (except sodium chlorate preparations)	(NA)	(NA)	5.0			
28790 86	Desiccants (including arsenic acid)	(NA)	7.1	1.4			
28790 87	Plant growth regulators	(NA)	(NA)	2.8	192.3	186.1	67.8
28790 88	Carbamates (including CIPC, EPTC, CDAA, etc.)	(NA)	(X)	22.8			
28790 89	Other weed killers (hydrocarbon, etc.) including defoliants, desiccants, algaecides, etc	(NA)	(NA)	217.9			
28790 98	Agricultural chemicals, n.e.c., such as disinfectants, animal dips, and soil conditioners	(NA)	(NA)	5.8	(NA)	(NA)	21.3
28790 00	Agricultural pesticides and other agricultural chemicals, n.s.k. (Represents principally establishments of companies with 10 employees or more in 1967. See Note.)	(X)	(X)	75.3			
28790 02	Agricultural pesticides and other agricultural chemicals, n.s.k. (Represents principally establishments of companies with fewer than 10 employees in 1967. See Note.)	(X)	(X)	6.2	(X)	(X)	46.8

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5-digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5-digits) followed by "00," or in some cases to the appropriate product group code (4-digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]For quantity data showing production, shipments, plant consumption and stocks published on a monthly basis for intercensal years and 1967 for product codes 28711 15, 28711 41, 28711 61, see Current Industrial Reports Series M28D, Superphosphate and Other Phosphatic Fertilizer Materials.

[2]Production data include 18,696 short tons of P_2O_5 for 1963 reported by Tennessee Valley Authority.

[3]Production data include 32,702 short tons of P_2O_5 for 1963 reported by Tennessee Valley Authority.

[4]Production data include 41,812 short tons of P_2O_5 for 1963 reported by Tennessee Valley Authority.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
SUPERPHOSPHATE, OTHER PHOSPHATIC FERTILIZERS (28711)		
United States	542.0	321.5
Northeast Region	3.5	5.0
New England Div	AA	1.9
Maine	AA	(1)
Middle Atlantic Div	AA	3.1
North Central Region	45.6	36.4
East North Central Div	20.8	18.7
Ohio	3.1	2.8
Indiana	1.7	1.4
Illinois	15.2	13.2
West North Central Div	24.8	17.7
Minnesota	BB	(1)
Iowa	CC	(1)
Missouri	EE	(1)
South Region	439.8	241.0
South Atlantic Div	319.7	166.0
Maryland	CC	10.0
Virginia	4.2	4.8
North Carolina	2.4	2.9
South Carolina	BB	2.5
Georgia	3.9	5.2
Florida	299.5	140.6
East South Central Div	27.6	24.7
Kentucky	AA	(1)
Tennessee	1.1	5.9
Alabama	FF	12.0
Mississippi	BB	(1)
West South Central Div	92.6	50.4
Louisiana	FF	(D)
Oklahoma	BB	(1)
Texas	59.4	(1)
West Region	53.1	39.0
Mountain Div	31.8	24.0
Montana	AA	(D)
Idaho	25.7	(1)
Arizona	AA	(1)
Utah	BB	(1)
Pacific Div	21.3	15.1
Washington	BB	(1)
California	EE	(1)
MIXED FERTILIZERS (MATERIALS PRODUCED AT SAME ESTABLISHMENT) (28712)		
United States	435.9	406.4
Northeast Region	18.9	21.1
New England Div	AA	3.9
Massachusetts	AA	(1)
Middle Atlantic Div	EE	17.2
New York	BB	(1)
New Jersey	BB	(1)
Pennsylvania	8.1	(1)
North Central Region	161.9	165.3
East North Central Div	124.7	128.9
Ohio	40.4	40.0
Indiana	22.4	19.1
Illinois	37.1	48.1
Michigan	15.2	16.7
Wisconsin	9.6	5.0
MIXED FERTILIZERS (MATERIALS PRODUCED AT SAME ESTABLISHMENT) (28712)--Con.		
North Central Region--Con.		
West North Central Div	37.2	36.4
Minnesota	4.0	(D)
Iowa	16.2	15.3
Missouri	EE	(1)
Nebraska	AA	(D)
Kansas	BB	(1)
South Region	236.5	203.3
South Atlantic Div	129.3	105.6
Maryland	9.9	(1)
Virginia	23.7	23.0
North Carolina	30.5	20.9
South Carolina	18.5	(1)
Georgia	33.5	29.1
Florida	13.2	12.9
East South Central Div	76.9	60.4
Kentucky	AA	2.3
Tennessee	21.7	21.0
Alabama	EE	(1)
Mississippi	FF	(1)
West South Central Div	30.2	37.2
Arkansas	6.5	(1)
Louisiana	5.5	9.3
Texas	18.0	17.9
West Region	18.7	16.7
Mountain Div	CC	1.1
Idaho	BB	(D)
Pacific Div	EE	15.6
California	EE	(1)
FERTILIZERS MIXING ONLY (28722)		
United States	588.2	492.7
Northeast Region	69.9	51.9
New England Div	14.3	10.7
Maine	7.9	5.9
Massachusetts	AA	(1)
Rhode Island	AA	(D)
Connecticut	BB	(D)
Middle Atlantic Div	55.7	41.2
New York	17.8	15.8
New Jersey	9.2	9.6
Pennsylvania	28.7	15.7
North Central Region	224.1	180.7
East North Central Div	164.1	120.7
Ohio	71.7	43.4
Indiana	31.4	31.6
Illinois	30.3	17.4
Michigan	17.6	15.7
Wisconsin	13.2	12.6
West North Central Div	59.9	60.1
Minnesota	22.5	22.7
Iowa	22.8	23.2
Missouri	7.6	6.3
North Dakota	BB	(1)
South Dakota	AA	(1)
Nebraska	1.6	3.5
Kansas	1.4	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
FERTILIZERS MIXING ONLY (28722)--Con.		
South Region	261.6	222.1
South Atlantic Div	185.1	164.1
Delaware	BB	(1)
Maryland	29.9	25.1
Virginia	18.3	21.5
North Carolina	27.5	28.9
South Carolina	13.9	14.4
Georgia	21.4	22.5
Florida	69.5	48.0
East South Central Div	41.3	38.0
Kentucky	14.7	13.8
Tennessee	10.7	9.7
Alabama	14.4	13.0
Mississippi	1.5	1.5
West South Central Div	35.2	20.0
Arkansas	BB	3.4
Louisiana	BB	(1)
Texas	29.6	13.1
West Region	32.6	37.9
Mountain Div	3.5	4.6
Arizona	AA	2.1
Pacific Div	29.1	33.4
Washington	BB	5.8
Oregon	AA	(D)
California	17.7	19.7
Hawaii	CC	(1)
AGRICULTURAL PESTICIDES AND OTHER AGRICULTURAL CHEMICALS (28790)		
United States	834.3	488.7
Northeast Region	135.3	78.4
New England Div	11.3	2.7
Massachusetts	CC	(1)
Rhode Island	CC	(D)
Middle Atlantic Div	124.1	75.7
New York	EE	8.8
New Jersey	54.8	28.4
Pennsylvania	GG	38.4
AGRICULTURAL PESTICIDES AND OTHER AGRICULTURAL CHEMICALS (28790)--Con.		
North Central Region	270.9	120.4
East North Central Div	168.9	67.9
Ohio	10.0	10.1
Indiana	GG	(1)
Illinois	22.4	18.5
Michigan	GG	(1)
West North Central Div	102.0	52.6
Minnesota	BB	(1)
Iowa	17.9	5.6
Missouri	54.3	32.8
North Dakota	AA	(1)
Nebraska	EE	6.3
Kansas	12.1	5.8
South Region	295.8	191.9
South Atlantic Div	81.9	74.8
Maryland	CC	(1)
Virginia	AA	2.8
North Carolina	4.3	8.6
South Carolina	6.8	6.8
Georgia	35.6	30.6
Florida	26.5	22.1
East South Central Div	155.7	55.7
Kentucky	AA	(D)
Tennessee	24.1	8.6
Alabama	GG	(1)
Mississippi	EE	10.8
West South Central Div	58.3	61.4
Arkansas	15.6	(1)
Louisiana	CC	5.4
Texas	36.9	50.3
West Region	132.3	98.0
Mountain Div	55.2	42.7
Colorado	FF	(1)
Arizona	BB	(1)
Nevada	BB	(1)
Pacific Div	77.1	55.3
Washington	2.2	(1)
Oregon	8.3	8.5
California	66.6	44.3

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2871	Fertilizers	982.8	947.2	856.0	820.5	727.9	[2]883.3	(NA)	(NA)
28711	Superphosphate, other phosphatic fertilizers	542.0	462.9	416.0	394.2	321.5	[3]153.6	131.3	85.5
28712	Mixed fertilizers (materials produced at establishment)	435.9	484.3	440.0	426.3	406.4	[3]724.3	(NA)	(NA)
28710	Fertilizers, n.s.k	4.9	-	-	-	-	[2]5.4	(NA)	(NA)
28722	Fertilizer, mixing only	588.2	611.4	578.4	518.7	492.7	([4])	(NA)	(NA)
28790	Agricultural pesticides, other chemicals	834.3	672.8	581.6	508.5	488.7	347.6	(NA)	(NA)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See appendix, "Explanation of Terms."

Standard notes: - Represents zero. (NA) Not available.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data.

[2]Data for 2871 primary products shipments for 1958 include value figures for product classes 28722 and 28710.

[3]For 1958 data for ammonium phosphates and other chemically processed phosphatic fertilizer materials were included in complete or incomplete mixtures, code 28712.

[4]Data for product class 28722 combined with product class 28712 for 1958.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2871.--FERTILIZERS						
	Materials, containers, and supplies, total	.....	.....	(X)	667.8	(X)	491.1
	Nitrogenous materials:						
281912	Ammonia, synthetic, anhydrous	100% NH_3	1,000 short tons	869.7	49.6	450.6	32.3
281913	Ammoniating or nitrogen solutions including mixtures containing urea	100% N	...do	(S)	26.0	236.4	31.3
281914	Ammonium nitrate	100% NH_4NO_3	...do	(X)	([1])	48.6	3.2
281975	Sodium nitrate	100% $NaNO_3$	...do	(X)	([1])	19.6	0.8
281915	Ammonium sulfate	100% $(NH_4)_2SO_4$	...do	(S)	7.2	282.9	8.8
281826	Urea and calurea	100% N	...do	(X)	([1])	8.1	1.5
281916	Other chemical nitrogenus materials, including potassium, nitrate, calcium, cyanamide and ammonium nitrate limestone mixtures	.....	...do	(S)	4.6	63.3	2.7
200011	Organic ammoniates	.....	...do	(X)	([1])	77.1	3.3
	Phosphatic materials:						
287111	Super phosphate, used in mixed goods normal and enriched (less than 40% P_2O_5)	100% P_2O_5	...do	[2](S)	5.3	46.8	3.9
287114	Concentrated (40% P_2O_5 and over)	100% P_2O_5	...do	[3](S)	30.0	231.9	26.3
287116	Other phosphatic materials, including wet base goods, ammonium phosphates, etc	100% P_2O_5	...do	(S)	15.7	65.7	8.6
	Potassic materials:						
147401	Muriate of potash, include all grades converted to 60-62% K_2O basis	K_2O 60-62%	...do	1,673.2	58.3	1,482.2	55.9
147402	Other potash bearing materials (potassium sulfate)	.....	...do	148.3	6.6	160.4	7.3
999821	Inert fillers, secondary plant food and soil conditioners, including sand, peat	.....	...do	713.0	5.9	650.8	5.1
	Sulfuric acid:						
281931	Sulfuric acid, except spent	100% H_2SO_4	...do	[4]2,432.8	39.3	1,627.3	23.9
281933	Spent sulfuric acid	100% H_2SO_4	...do	943.4	11.4	602.3	7.6
147501	Phosphate rock	.....	1,000 long tons	12,484.2	116.9	9,655.2	94.7
281948	Phosphoric acid	100% P_2O_5	1,000 short tons	[5](S)	45.8	211.4	26.0
147701	Sulfur	.....	1,000 long tons	2,965.7	108.1	1,802.9	45.0
	Containers:						
239300	Textile	.....	.....	(X)		(X)	1.0
264302	Bags, except texile (including shipping sacks)	.....	.....	(X)	14.0	(X)	19.9
	All other materials and components:						
970099	Parts, containers, and supplies consumed	.....	.....	(X)	[1]83.1	(X)	45.8
976000	Materials, containers, supplies, n.s.k	.....	.....	(X)	[6]40.0	(X)	36.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	1967		1963	
				Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2872.--FERTILIZERS, MIXING ONLY						
	Materials, containers, and supplies, total.	.....	.....	(X)	417.4	(X)	355.2
	Nitrogenous materials:						
281912	Ammonia, synthetic, anhydrous.....	100% NH_3.....	1,000 short tons.	152.7	11.6	101.7	9.2
281913	Ammoniating, or nitrogen solution including mixtures containing urea.....	100% N.....	...do.....	(S)	29.2	232.8	30.5
281914	Ammonium nitrate.....	100% NH_4NO_3.....	...do.....	173.6	11.5	111.6	7.8
281975	Sodium nitrate.....	100% $NaNO_3$.....	...do.....	(S)	[7]	40.5	2.0
281915	Ammonium sulfate.....	100% $(NH_4)_2 SO_4$.	...do.....	321.5	11.5	352.9	11.9
281826	Urea and calurea.....	100% N.....	...do.....	92.7	9.5	27.0	4.8
281916	Other chemicals nitrogenous materials, including potassium nitrate, calcium cyanamide, ammonium nitrate and limestone mixtures.....	.....	...do.....	(S)	5.3	89.5	3.9
200011	Organic ammoniates.....	.....	...do.....	143.1	6.1	153.0	6.2
	Phosphatic materials:						
287111	Super phosphate (less than 40% P_2O_5).....	100% P_2O_5.....	...do.....	(S)	34.1	413.9	41.4
287114	Concentrated (40% P_2O_5 and over).....	100% P_2O_5.....	...do.....	(S)	29.4	225.8	27.1
287116	Other phosphatic materials, including wet base goods, ammonium phosphates, etc.....	100% P_2O_5.....	...do.....	(S)	24.8	70.4	12.2
	Potassic materials:						
147401	Muriate of potash.....	K_2O 60-62%.....	...do.....	1,281.2	47.8	1,221.3	48.0
147402	Other potash bearing materials.....	.....	...do.....	201.0	8.7	180.6	7.9
999821	Inert fillers, secondary plant food, and soil conditioners including sand, limestone, peat, nut hulls, citrus meals.....	.....	...do.....	807.8	8.7	746.0	6.6
281931	Sulfuric acid, except spent acid.....	100% H_2SO_4.....	...do.....	174.1	4.0	158.7	3.2
147501	Phosphate rock.....	.....	1,000 long tons..	(S)	[7]	78.3	0.8
281948	Phosphoric acid.....	100% P_2O_5.....	1,000 short tons.	144.9	15.8	75.3	10.8
264302	Bags, except textile (including shipping sacks, multiwall bags, and polyethylene liners).....	.....	.....	(X)	13.0	(X)	13.4
970099	All other materials and components, parts, containers and supplies consumed.....	.....	.....	(X)	[7]58.3	(X)	33.7
976000	Materials, containers, supplies, n.s.k.....	.....	.....	(X)	[6]88.1	(X)	[2]74.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]Code 281914, code 281826, code 200011, and code 239300 combined with code 970099 for 1967.

[2]587.0 thousand short tons (100% P_2O_5) of normal and enriched superphosphate were consumed by producing plants.

[3]136.6 thousand short tons (100% P_2O_5) of concentrated superphosphate were consumed by producing plants.

[4]8,527.1 thousand short tons (100% H_2SO_4) of sulfuric acid, except spent, were produced and consumed by plants classified in industry 2871, Fertilizers.

[5]2,754.4 thousand short tons (100% P_2O_5) of phosphoric acid, were produced and consumed by plants classified in industry 2871, Fertilizers.

[6]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

[7]Code 281975 and code 147501 combined with code 970099 for 1967.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Fertilizers (SIC 2871)	Fertilizers mixing only (SIC 2872)
	Cost of purchased fuels and electric energy, total....	Million dollars.	31.1	5.5
	Cost of purchased fuels, total.....	...do.....	13.4	2.6
	Fuel oil, total:			
	Quantity.....	1,000 barrels...	507.2	82.6
	Cost.....	Million dollars.	1.5	0.4
291141	Distilled:			
	Quantity.....	1,000 barrels...	210.2	71.7
	Cost.....	Million dollars.	0.8	0.4
291151	Residual:			
	Quantity.....	1,000 barrels...	297.0	10.8
	Cost.....	Million dollars.	0.7	0.1
131300	Gas (natural):			
	Quantity.....	Million cu. ft..	26,323.6	2,494.0
	Cost.....	Million dollars.	8.8	0.8
	Other fuels (gasoline, LPG, wood, etc.).....	Million dollars.	2.0	0.4
	Fuels, NSK.....	Million dollars.	1.1	0.9
	Purchased electric energy:			
	Quantity.....	Million kw.-hrs.	2,153.0	140.9
	Cost.....	Million dollars.	17.7	2.9
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	58.5	-
	Total energy used for heat and power[1].....	Million kw.-hrs equivalent.....	13,277.1	2,063.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations

Standard notes: - Represents zero.
[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization--the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization--the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2871	FERTILIZERS										
	ENTIRE INDUSTRY	213	20.8	129.2	15.2	32.2	86.1	434.1	783.7	1 196.9	133.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	187	16.9	98.9	12.4	26.0	67.3	263.0	585.8	834.9	62.9
28711	SUPERPHOSPHATE, OTHER PHOSPHATIC FERTILIZERS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	51	9.0	63.8	6.8	14.4	44.3	245.5	382.2	607.5	74.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	34	6.4	44.7	4.9	10.4	31.1	179.6	277.2	439.2	52.6
28712	MIXED FERTILIZERS (MATERIALS PRODUCED AT ESTAB) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	153	11.7	64.5	8.3	17.5	41.3	187.7	399.6	586.6	16.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	124	8.5	43.5	6.1	12.5	28.5	101.0	288.9	391.9	10.7
2872	FERTILIZERS, MIXING ONLY										
	ENTIRE INDUSTRY	721	13.4	70.6	8.9	17.8	37.5	195.3	535.7	731.1	18.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	694	12.7	66.4	8.5	16.9	35.8	184.0	509.2	693.4	15.8
2879	AGRICULTURAL CHEMICALS, NEC										
	ENTIRE INDUSTRY	346	14.3	104.4	8.6	16.8	51.2	439.7	512.9	934.1	58.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	318	9.5	65.9	5.7	11.1	31.7	337.2	368.0	685.4	52.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fraction of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

MISCELLANEOUS CHEMICAL PRODUCTS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2891--Adhesives and Gelatin
2892--Explosives
2893--Printing Ink
2895--Carbon Black
2899--Chemicals and Chemical Preparations, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2891--ADHESIVES AND GELATIN

This industry comprises establishments primarily engaged in manufacturing gelatin and industrial and household adhesives, glues, sizes, and cements from vegetable, animal, or purchased synthetic plastics materials. Establishments primarily engaged in manufacturing dessert preparations based on gelatin are classified in industry 2099; vegetable gelatin or agar-agar in industry 2833; rubber cement in industry 3069; and asbestos cement in industry 3292. For a detailed list of products of industry 2891, refer to table 6A, product codes 2891111 to 2891298.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Adhesives and Gelatin Industry in 1967 totaled $473.6 million. This included shipments of adhesives and gelatin (primary products), valued at $376.6 million, shipments of other products (secondary products) valued at $72.4 million, and miscellaneous receipts of $24.7 million.

This industry's shipments of adhesives and gelatin (primary products) in 1967 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 83 percent. Secondary products shipped

by this industry in 1967 consisted mainly of plastics materials and resins ($18.7 million), and fabricated rubber products, n.e.c. ($8.5 million).

Industry 2891 shipments of adhesives and gelatin (primary products) in 1967 represented 77 percent (coverage ratio) of these products valued at $490.3 million shipped by all industries. In 1963, the coverage ratio was 72 percent. Other industries shipping adhesives and gelatin (primary products) consisted mainly of industry 2861, Gum and Wood Chemicals, and industry 2851, Paints and Allied Products.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2891, these establishments accounted for approximately 1.2 percent of payroll and 1.1 percent value added by manufacture.

2892--EXPLOSIVES

This industry comprises establishments primarily engaged in manufacturing explosives such as sporting powder, blasting powder, high explosives, nitrated carbohydrates, safety fuses, and blasting and detonating caps. Included in this industry are government-owned plants operated by private firms for the account of the Federal Government. Establishments primarily engaged in manufacturing ammunition for small arms are classified in group 196, and fireworks and pyrotechnics such as flares (all kinds) and railroad torpedoes, in industry 2899. Establishments primarily engaged in shooting wells and also engaged in manufacturing nitroglycerine are included in the census of minerals. For a detailed list of products of industry 2892, refer to table 6A, product codes 2892113 to 2892171.

The code number as well as the definition of this industry was unchanged between 1963 and 1967.

The data include information for government-owned plants operated by private firms for the account of the Federal Government, but exclude information for government-owned and government-operated plants. Since the capital expenditures made by these privately operated government plants are paid for by current billings to the U.S. Government, these amounts are excluded from the statistics shown in this report which represent expenditures for privately owned facilities. The detailed product statistics appearing in table 6A represent only the amounts and type of explosives produced by privately owned and privately operated plants. On the other hand, the data for materials consumed (table 7A) include figures for all plants classified in this industry.

Value of shipments and other receipts of the Explosives Industry in 1967 totaled $647.0 million. This included shipments of explosives (primary products), valued at $229.8 million, shipments of other products (secondary products) valued at $16.7 million, and miscellaneous receipts, including value of explosives produced in government-owned, contractor operated plants, of $400.9 million.

This industry's shipments of explosives (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 88 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial inorganic chemicals ($10.9 million), and chemical preparations, n.e.c. ($4.1 million).

Industry 2892 shipments of explosives (primary products) in 1967 represented 93 percent (coverage ratio) of these products valued at $248.5 million shipped by all industries. In

1963, the coverage ratio was 94 percent. Other industries shipping explosives (primary products) consisted mainly of industry 2818, Industrial Organic Chemicals, N.E.C., and industry 2899, Chemical Preparations, N.E.C.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2892, these establishments accounted for approximately 0.0 percent of payroll and 0.0 percent value added by manufacture.

2893--PRINTING INK

This industry comprises establishments primarily engaged in manufacturing printing ink, gravure ink, screen process ink, and lithographic ink. For a detailed list of products of industry 2893, refer to table 6A, product codes 2893003 to 2893098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Printing Ink Industry in 1967 totaled $375.6 million. This included shipments of printing ink (primary products), valued at $324.4 million, shipments of other products (secondary products) valued at $25.0 million, and miscellaneous receipts of $26.2 million.

This industry's shipments of printing ink (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 93 percent. Secondary products shipped by this industry in 1967 consisted mainly of paints and allied products and cyclic intermediates and crudes.

Industry 2893 shipments of printing ink (primary products) in 1967 represented 95 percent (coverage ratio) of these products valued at $342.6 million shipped by all industries. In 1963, the coverage ratio was 92 percent. Other industries shipping printing ink (primary products) consisted mainly of industry 2851, Paints and Allied Products, $8.4 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2893, these establishments accounted for approximately 1.0 percent of payroll and 1.0 percent value added by manufacture.

2895--CARBON BLACK

This industry comprises establishments primarily engaged in manufacturing carbon black (channel and furnace black).

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Carbon Black Industry in 1967 totaled $167.8 million. This included shipments of carbon black (primary products), valued at $167.2 million, and miscellaneous receipts of $.5 million.

This industry's shipments of carbon black (primary products) in 1967 represented 100 percent (specialization ratio) of its total product shipments (primary and secondary).

The total value of carbon black shipped by all producers in 1967 was $168.0 million of which more than 99 percent, were shipped by plants classified in industry 2895, Carbon Black.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2895, these establishments accounted for approximately 0.0 percent of payroll and 0.0 percent value added by manufacture.

2899--CHEMICAL PREPARATIONS, N.E.C.

This industry comprises establishments primarily engaged in manufacturing miscellaneous chemical preparations, not elsewhere classified, such as fatty acids, essential oils, bluing, laundry sours, writing and stamp pad inks; industrial compounds, such as boiler and heat insulating compounds, metal, oil and water treating compounds, waterproofing compounds and chemical supplies for foundries. For a detailed list of products of industry 2899, refer to table 6A, product codes 2899211 to 2899398.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Chemical Preparations, N.E.C., Industry in 1967 totaled $1,381.6 million. This included shipments of chemical preparations, n.e.c., (primary products), valued at $1,054.2 million, shipments of other products (secondary products) valued at $224.6 million, and miscellaneous receipts of $102.7 million.

This industry's shipments of chemical preparations, n.e.c. (primary products) in 1967 represented 82 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 82 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial organic chemicals, n.e.c. ($51.1 million), and soaps and other detergents ($16.1 million).

Industry 2899 shipments of chemical preparations, n.e.c. (primary products) in 1967 represented 74 percent (coverage ratio) of these products valued at $1,431.6 million shipped by all industries. In 1963, the coverage ratio was 71 percent. Other industries shipping chemical preparations, n.e.c. (primary products) consisted mainly of industry 2818, Industrial Organic Chemicals, N.E.C., $81.5 million; industry 2819, Industrial Inorganic Chemicals, N.E.C., $32.6 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2899, these establishments accounted for approximately 2.0 percent of payroll and 2.4 percent value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2891.--ADHESIVES AND GELATIN														
1967 Census....	337	113	9.7	73.8	5.9	12.4	36.1	211.3	264.7	473.6	22.0	59.7	84	77
1966 ASM[1].....	(NA)	(NA)	9.4	67.5	5.8	12.4	34.9	198.9	259.6	456.0	*22.2	56.6	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	8.9	62.9	5.6	11.8	32.0	177.3	230.0	406.5	9.7	49.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	8.6	58.4	5.6	11.3	31.0	155.1	203.7	352.5	7.4	51.5	(NA)	(NA)
1963 Census....	368	104	8.5	54.9	5.4	11.2	28.6	147.0	203.9	351.7	9.8	47.0	83	72
1962 ASM[1].....	(NA)	(NA)	6.9	42.6	4.7	9.2	23.0	106.1	159.0	266.3	*7.9	40.5	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	7.2	43.9	5.0	10.0	24.6	108.3	161.7	269.1	*9.4	41.9	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	7.5	44.8	5.0	10.3	24.7	111.2	163.0	271.5	7.0	43.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	7.9	44.3	5.2	10.7	24.8	111.1	158.9	269.3	8.0	42.7	(NA)	(NA)
1958 Census[2]...	274	93	7.9	42.1	5.2	10.6	23.9	106.4	139.3	245.2	8.1	39.8	86	70
INDUSTRY 2892.--EXPLOSIVES														
1967 Census....	92	52	32.8	227.0	24.1	47.9	156.3	376.0	270.7	647.0	21.8	39.1	92	93
1966 ASM[1].....	(NA)	(NA)	23.9	165.6	17.3	34.2	104.5	255.3	218.8	469.4	22.9	39.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	14.1	93.6	9.8	19.2	60.4	177.7	123.4	296.4	9.0	32.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	13.5	88.7	9.6	18.7	57.0	169.7	120.6	288.9	7.5	27.6	(NA)	(NA)
1963 Census....	68	47	14.8	91.6	10.9	20.9	60.1	165.7	116.4	283.3	5.5	27.2	88	94
1962 ASM[1].....	(NA)	(NA)	14.0	85.0	10.8	20.8	57.5	148.7	120.5	270.5	5.9	23.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	12.4	74.5	9.6	18.3	49.9	123.2	109.6	233.2	6.4	24.7	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	12.5	73.2	9.5	18.2	48.8	132.0	100.1	232.7	6.0	25.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	13.7	76.4	10.3	19.3	50.2	141.4	103.5	245.1	5.6	26.9	(NA)	(NA)
1958 Census[2]...	77	58	15.0	79.6	10.6	20.0	50.9	131.6	95.4	228.6	9.3	26.0	96	95
INDUSTRY 2893.--PRINTING INK														
1967 Census....	360	124	9.7	74.0	6.4	13.6	41.1	166.6	211.9	375.6	7.1	44.7	93	95
1966 ASM[1].....	(NA)	(NA)	10.1	74.7	6.4	13.7	41.4	181.5	198.3	377.0	*3.5	44.9	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	9.3	67.7	6.0	12.8	38.3	162.5	174.2	335.2	4.5	37.5	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	8.5	61.7	5.4	12.1	35.0	136.6	166.1	299.8	*7.4	36.0	(NA)	(NA)
1963 Census....	348	103	8.5	55.9	5.6	11.8	32.4	125.1	143.6	268.0	4.6	31.1	93	92
1962 ASM[1].....	(NA)	(NA)	8.4	57.6	5.6	12.1	33.2	123.2	143.2	265.7	*4.2	34.4	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	8.0	52.6	5.5	11.8	31.5	117.5	137.4	252.5	*3.4	30.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	8.3	51.7	5.6	12.1	30.6	108.3	136.4	245.5	*4.3	29.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	8.1	47.0	5.5	11.7	28.8	110.1	131.5	239.9	3.4	27.6	(NA)	(NA)
1958 Census[2]...	302	94	8.0	45.1	5.4	11.2	26.0	108.8	119.1	228.1	4.8	25.1	93	97
INDUSTRY 2895.--CARBON BLACK														
1967 Census....	34	29	2.8	22.8	2.3	5.2	18.0	100.8	67.4	167.8	23.4	16.5	100	(NA)
1966 ASM[1].....	(NA)	(NA)	2.9	23.5	2.3	5.0	18.2	113.1	75.6	187.8	13.3	17.4	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	2.8	21.2	2.3	5.0	16.5	105.5	65.5	170.5	10.1	16.0	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	2.8	21.0	2.2	4.9	15.2	101.0	62.2	164.4	8.0	15.4	(NA)	(NA)
1963 Census....	33	31	3.0	20.7	2.3	4.9	14.9	91.8	55.5	149.1	4.0	15.0	(D)	(D)
1962 ASM[1].....	(NA)	(NA)	3.0	20.5	2.4	5.2	15.8	92.5	54.6	148.2	9.6	16.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	3.1	20.7	2.6	5.6	16.3	88.2	55.5	144.7	10.2	18.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	3.2	20.6	2.7	6.0	16.9	84.7	68.4	150.3	10.3	19.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	3.1	19.7	2.6	5.8	15.9	81.0	60.0	144.3	6.1	16.0	(NA)	(NA)
1958 Census[2]...	36	32	3.2	18.6	2.6	5.6	14.7	72.6	46.9	119.3	4.6	19.5	100	100
INDUSTRY 2899.--CHEMICAL PREPARATIONS, N.E.C.														
1967 Census....	1,373	306	33.3	230.2	21.1	42.0	115.6	732.4	648.7	1,381.6	54.5	163.9	82	74
1966 ASM[1].....	(NA)	(NA)	29.7	211.5	18.2	38.6	105.7	679.1	652.2	1,322.5	34.0	157.3	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	28.7	196.7	17.4	36.8	96.3	612.6	573.8	1,182.0	29.7	134.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	27.2	180.3	16.9	34.9	89.8	567.3	492.0	1,057.2	22.9	130.4	(NA)	(NA)
1963 Census....	1,387	242	25.8	162.9	15.7	33.0	81.1	505.9	435.7	931.7	22.1	117.7	82	71
1962 ASM[1].....	(NA)	(NA)	24.3	148.5	14.6	30.9	72.1	490.8	408.3	895.6	37.0	118.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	24.0	145.9	14.4	30.0	70.2	445.1	381.6	827.1	*42.0	111.6	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	23.6	139.4	14.4	28.8	68.4	429.4	361.7	787.6	22.6	107.5	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	25.4	145.6	16.1	31.5	73.4	412.1	393.2	802.0	19.8	108.3	(NA)	(NA)
1958 Census[2]...	1,294	225	25.1	133.8	16.0	31.3	70.3	365.8	358.5	726.2	26.1	102.2	86	76

Note: In 1967, 1963, and 1958, the number of companies in industry 2891 was 247, 294, and 234, respectively; in industry 2892: 37, 41, and 45; industry 2893: 207, 216, and 193; industry 2895: 11, 8, and 8; industry 2899: 1,275, 1,312, and 1,242. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companes. * These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2891--ADHESIVES AND GELATIN								
1967 Census	7,620	61	2,096	2.92	.56	.71	21,827	35	17.08
1966 ASM	7,196	62	2,120	2.82	.57	.72	21,220	34	16.07
1965 ASM	7,091	63	2,113	2.72	.57	.72	19,979	35	15.09
1964 ASM	6,820	65	2,031	2.73	.58	.74	18,117	38	13.67
1963 Census	6,439	64	2,072	2.55	.58	.74	17,252	37	13.07
1962 ASM	6,150	68	1,961	2.51	.60	.76	15,332	40	11.57
1961 ASM	6,125	69	2,012	2.46	.60	.76	15,131	40	10.84
1960 ASM	5,940	67	2,050	2.39	.60	.77	14,737	40	10.77
1959 ASM	5,629	66	2,062	2.31	.59	.75	14,130	40	10.35
1958 Census	5,342	65	2,045	2.26	.57	.74	13,483	40	10.07
	INDUSTRY 2892--EXPLOSIVES								
1967 Census	6,919	73	1,991	3.26	.42	.77	11,459	60	7.84
1966 ASM	6,923	72	1,979	3.06	.47	.82	10,672	65	7.47
1965 ASM	6,627	69	1,962	3.15	.42	.73	12,575	53	9.27
1964 ASM	6,572	71	1,950	3.05	.42	.72	12,573	52	9.07
1963 Census	6,184	74	1,912	2.88	.41	.73	11,188	55	7.94
1962 ASM	6,075	77	1,927	2.77	.45	.76	10,634	57	7.16
1961 ASM	5,984	77	1,903	2.73	.47	.79	9,902	60	6.75
1960 ASM	5,856	76	1,918	2.68	.43	.74	10,561	55	7.24
1959 ASM	5,581	75	1,875	2.61	.42	.73	10,331	54	7.33
1958 Census	5,317	71	1,878	2.54	.42	.77	8,793	60	6.58
	INDUSTRY 2893--PRINTING INK								
1967 Census	7,590	66	2,111	3.03	.56	.76	17,093	44	12.28
1966 ASM	7,382	63	2,143	3.02	.53	.72	17,933	41	13.25
1965 ASM	7,253	64	2,156	2.99	.52	.72	17,401	42	12.66
1964 ASM	7,219	64	2.231	2.88	.55	.76	15,985	45	11.26
1963 Census	6,617	67	2,094	2.75	.54	.74	14,800	45	10.62
1962 ASM	6,822	67	2,146	2.74	.54	.76	14,577	47	10.16
1961 ASM	6,559	69	2,154	2.66	.54	.75	14,641	45	9.92
1960 ASM	6,256	68	2,156	2.53	.56	.77	13,089	48	8.93
1959 ASM	5,835	69	2,123	2.46	.55	.74	13,680	43	9.39
1958 Census	5,662	68	2,077	2.32	.52	.72	13,669	41	9.73
	INDUSTRY 2895--CARBON BLACK								
1967 Census	8,202	82	2,280	3.46	.40	.54	36,770	22	19.45
1966 ASM	8,145	79	2,200	3.62	.40	.53	39,231	21	22.48
1965 ASM	7,462	80	2,209	3.26	.38	.51	37,177	20	20.91
1964 ASM	7,411	76	2,253	3.12	.38	.51	35,657	21	20.73
1963 Census	6,867	76	2,148	3.04	.37	.51	30,482	23	18.68
1962 ASM	6,836	81	2,144	3.01	.37	.51	30,788	22	17.64
1961 ASM	6,682	83	2,192	2.89	.38	.53	28,432	24	15.64
1960 ASM	6,522	84	2,257	2.83	.46	.59	26,772	24	14.16
1959 ASM	6,355	84	2,213	2.76	.42	.55	26,114	24	14.07
1958 Census	5,884	83	2,149	2.61	.39	.55	22,973	26	12.86
	INDUSTRY 2899--CHEMICAL PREPARATIONS, N.E.C.								
1967 Census	6,914	63	1,990	2.75	.47	.64	21,857	32	17.43
1966 ASM	7,131	62	2,114	2.74	.49	.65	22,902	31	17.61
1965 ASM	6,859	61	2,116	2.61	.49	.65	21,362	32	16.62
1964 ASM	6,622	62	2,069	2.57	.47	.64	20,832	32	16.26
1963 Census	6,318	61	2,106	2.46	.47	.64	19,616	32	15.32
1962 ASM	6,121	60	2,111	2.34	.46	.62	20,224	30	15.89
1961 ASM	6,078	60	2,077	2.34	.46	.64	18,551	33	14.85
1960 ASM	5,915	61	1,992	2.38	.46	.64	18,223	32	14.93
1959 ASM	5,741	63	1,965	2.33	.49	.67	16,247	35	13.07
1958 Census	5,325	64	1,955	2,24	.49	.68	14,553	37	11.68

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2891-- ADHESIVES AND GELATIN													
UNITED STATES	337	113	9.7	73.8	5.9	12.4	36.1	211.3	264.7	473.6	22.0	8.5	147.0
NORTHEAST REGION	125	45	4.4	34.2	2.8	5.7	17.5	84.9	101.4	185.0	8.2	4.1	59.2
NEW ENGLAND DIVISION	45	16	2.1	16.7	1.3	2.7	8.9	40.1	42.1	81.4	5.5	(D)	(D)
MASSACHUSETTS	33	12	1.7	13.6	1.2	2.4	8.2	33.0	36.5	68.9	5.2	1.7	25.4
CONNECTICUT	6	3	.3	2.8	.1	.2	.5	6.5	4.8	11.0	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	80	29	2.3	17.5	1.4	3.0	8.6	44.7	59.2	103.5	2.7	(D)	(D)
NEW YORK	33	10	1.0	6.8	.7	1.4	3.8	13.2	19.9	33.2	.8	[2](D)	[2](D)
NEW JERSEY	31	15	1.2	8.6	.7	1.5	4.2	26.0	33.0	58.5	1.4	1.0	13.9
PENNSYLVANIA	16	4	.2	2.2	.1	.2	.6	5.5	6.3	11.8	.5	.4	6.6
NORTH CENTRAL REGION	98	39	2.5	18.9	1.5	3.2	8.9	59.2	72.1	130.9	9.2	(D)	(D)
EAST NORTH CENTRAL DIVISION	81	34	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.3	39.3
OHIO	23	8	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	36	18	1.1	8.4	.7	1.4	4.1	23.3	33.9	56.9	.9	1.0	17.0
MICHIGAN	9	4	.2	2.0	.1	.2	.6	7.5	7.9	15.8	(D)	.3	6.5
WISCONSIN	9	3	.4	2.7	.3	.7	1.9	12.4	10.4	23.0	(D)	.4	8.8
WEST NORTH CENTRAL DIVISION[3]	17	5	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	66	14	1.8	12.8	1.2	2.5	6.8	45.5	59.4	104.2	2.9	(D)	(D)
SOUTH ATLANTIC DIVISION	33	11	1.5	10.5	1.0	2.1	5.8	34.6	45.0	79.2	2.3	(D)	(D)
MARYLAND	6	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.3
NORTH CAROLINA	6	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	1.6
GEORGIA	12	6	.6	4.2	.4	.8	2.2	18.2	28.7	46.6	.7	.4	14.7
EAST SOUTH CENTRAL DIVISION	11	3	.2	1.3	.1	.2	.6	6.1	8.8	14.7	.5	(D)	(D)
WEST REGION	48	15	1.0	7.8	.5	1.0	2.9	21.8	31.9	53.5	1.6	.7	14.7
PACIFIC DIVISION	47	15	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	33	11	.7	5.9	.4	.8	2.2	14.3	16.5	30.8	1.2	.5	8.4
2892-- EXPLOSIVES													
UNITED STATES	92	52	32.8	227.0	24.1	47.9	156.3	376.0	270.7	647.0	21.8	14.8	165.7
NORTHEAST REGION	20	13	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.9	59.4
NEW ENGLAND DIVISION	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	18	11	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	13	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	23.1
NORTH CENTRAL REGION	27	19	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	17	11	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.3	31.3
OHIO[6]	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
INDIANA	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	7	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	18.7
WISCONSIN	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	10	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	14.5
MISSOURI	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	20	10	13.4	92.5	10.6	21.2	66.7	141.2	122.4	263.7	1.1	5.8	50.1
SOUTH ATLANTIC DIVISION	5	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
VIRGINIA	2	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	8	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	4	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	25	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MOUNTAIN DIVISION	11	5	.5	3.7	.4	.7	2.4	8.6	10.3	18.5	2.5	.5	4.5
COLORADO	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ARIZONA	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
UTAH	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	14	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	6.0
WASHINGTON	4	4	.3	2.3	.2	.5	1.7	4.5	3.5	8.1	(D)	(D)	(D)
CALIFORNIA	10	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2893-- PRINTING INK													
UNITED STATES	360	124	9.7	74.0	6.4	13.6	41.1	166.6	211.9	375.6	7.1	8.5	125.1
NORTHEAST REGION	120	39	3.5	27.2	2.3	5.0	15.5	57.9	73.2	130.3	3.1	3.4	47.2
NEW ENGLAND DIVISION[6]	23	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.1
MASSACHUSETTS[6]	15	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	97	37	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.3	45.0
NEW YORK	37	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	9.6
NEW JERSEY	39	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	27.4
PENNSYLVANIA	21	13	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	8.0
NORTH CENTRAL REGION	112	49	3.8	28.8	2.5	5.1	15.6	72.5	82.0	153.5	2.4	3.3	50.2
EAST NORTH CENTRAL DIVISION	92	44	3.4	25.8	2.2	4.6	14.2	64.3	73.8	137.3	2.3	3.0	45.6
OHIO	28	12	.8	5.3	.5	1.1	3.1	14.1	16.1	30.3	.5	.7	10.3
ILLINOIS	44	23	2.2	17.4	1.5	3.1	9.6	41.4	48.2	89.0	1.6	1.9	30.0
MICHIGAN	8	3	.2	1.6	.1	.3	.8	4.5	3.8	8.2	.1	.2	3.0
WEST NORTH CENTRAL DIVISION	20	5	.4	2.9	.2	.5	1.5	8.2	8.1	16.1	.2	.4	4.6
MISSOURI	14	3	.3	1.9	.2	.3	.9	5.2	5.5	10.6	.1	.2	2.8
SOUTH REGION	68	19	1.1	7.5	.7	1.4	3.7	19.2	24.9	43.6	.7	.7	11.8
SOUTH ATLANTIC DIVISION	38	14	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	7.1
NORTH CAROLINA	9	3	.2	1.0	.1	.3	.6	3.0	3.2	6.2	.1	[2](D)	[2](D)
GEORGIA	11	5	.2	1.5	.1	.3	.8	3.2	5.5	8.6	.2	.1	2.0
WEST SOUTH CENTRAL DIVISION	21	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.8
WEST REGION	60	17	1.4	10.5	.9	2.1	6.2	17.1	31.9	48.2	.9	.9	15.9
PACIFIC DIVISION	55	17	1.4	10.2	.9	2.0	6.1	16.4	30.8	46.6	.8	.9	15.5
CALIFORNIA	46	15	1.2	9.4	.8	1.9	5.6	14.5	28.8	42.6	.7	.8	14.5
2895-- CARBON BLACK													
UNITED STATES	34	29	2.8	22.8	2.3	5.2	18.0	100.8	67.4	167.8	23.4	3.0	91.8
SOUTH REGION	27	24	2.6	21.1	2.1	4.8	16.7	94.8	61.9	156.3	23.0	(D)	(D)
WEST SOUTH CENTRAL DIVISION	25	24	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
LOUISIANA	7	7	1.0	8.1	.9	2.1	6.9	33.0	22.5	55.6	10.9	.8	26.6
TEXAS	16	15	1.4	11.9	1.1	2.5	8.9	52.7	36.4	88.9	(D)	1.7	52.0
WEST REGION	5	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2899-- CHEMICAL PREPARATIONS, NEC													
UNITED STATES	1 373	306	33.3	230.2	21.1	42.0	115.6	732.4	648.7	1 381.6	54.5	25.8	505.9
NORTHEAST REGION	454	110	10.1	74.0	6.2	12.6	34.7	189.1	204.5	393.1	15.5	7.7	132.9
NEW ENGLAND DIVISION	97	22	1.4	10.9	.8	1.6	3.9	27.2	41.0	69.0	1.3	.9	12.4
MASSACHUSETTS	42	8	.6	4.4	.4	.8	1.8	11.6	10.4	23.3	.4	.3	4.7
RHODE ISLAND	16	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	28	9	.6	4.8	.2	.5	1.2	11.1	18.0	28.9	.5	.4	5.9
MIDDLE ATLANTIC DIVISION	357	88	8.7	63.1	5.4	11.1	30.8	161.8	163.5	324.1	14.3	6.8	120.6
NEW YORK	150	28	2.3	16.5	1.3	2.6	7.6	51.0	51.3	102.1	1.6	2.4	44.3
NEW JERSEY	110	34	4.0	27.1	2.8	5.8	16.3	67.4	68.1	135.1	7.0	2.3	46.0
PENNSYLVANIA	97	26	2.4	19.5	1.3	2.6	7.0	43.5	44.1	86.9	5.6	2.1	30.2
NORTH CENTRAL REGION	430	111	13.7	100.2	8.7	17.0	51.5	384.3	305.2	692.1	28.3	11.6	271.0
EAST NORTH CENTRAL DIVISION	348	96	10.5	77.4	6.9	13.8	41.3	272.1	257.8	527.6	24.9	8.8	196.3
OHIO	99	29	4.0	29.8	2.5	5.2	15.4	95.5	74.0	169.4	7.3	3.4	69.0
INDIANA	24	7	.6	4.1	.4	.9	2.6	17.1	18.0	34.9	(D)	.5	15.4
ILLINOIS	119	30	3.2	23.0	2.2	4.2	12.9	86.9	91.0	175.7	4.6	2.6	58.2
MICHIGAN	81	24	2.5	18.5	1.6	3.3	9.7	67.8	70.6	138.6	(D)	2.0	50.3
WISCONSIN	25	6	.2	2.0	.1	.2	.7	4.8	4.2	9.0	.1	.3	3.3
WEST NORTH CENTRAL DIVISION	82	15	3.1	22.8	1.8	3.2	10.2	112.2	47.4	164.5	3.5	2.8	74.7
MINNESOTA	14	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	33	7	.8	6.4	.3	.5	1.5	19.6	14.3	33.7	.5	.7	14.9
KANSAS	14	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	11.5
SOUTH REGION	279	55	6.9	37.8	4.5	9.1	19.8	99.1	100.9	198.5	7.5	(D)	(D)
SOUTH ATLANTIC DIVISION	114	19	2.1	12.5	1.2	2.3	5.4	28.5	31.2	59.3	(D)	(D)	(D)
MARYLAND	23	7	.7	5.0	.4	.8	2.1	9.5	11.3	20.9	(D)	.6	8.0
VIRGINIA	9	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	18	4	.6	3.4	.4	.8	1.3	8.3	6.0	14.3	.4	.5	6.5
FLORIDA	37	3	.4	1.4	.2	.3	.8	3.4	2.1	5.3	.2	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2899-- CHEMICAL PREPARATIONS, NEC													
SOUTH REGION--CON.													
EAST SOUTH CENTRAL DIVISION	36	14	2.8	13.2	2.0	4.2	8.4	29.1	36.4	64.9	(D)	(D)	(D)
TENNESSEE	16	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA[e]	9	5	.4	2.1	.2	.4	1.1	5.1	7.4	11.8	.6	[2](D)	[2](D)
MISSISSIPPI	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	129	22	2.0	12.0	1.3	2.5	6.0	41.5	33.3	74.2	2.9	(D)	(D)
ARKANSAS[e]	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
LOUISIANA	15	2	.2	1.5	.2	.4	1.0	6.7	4.8	11.7	.4	.2	1.4
TEXAS	94	18	1.4	8.9	.9	1.7	4.2	31.4	26.1	56.6	2.5	1.2	21.4
WEST REGION	210	30	2.6	18.3	1.7	3.3	9.5	60.0	38.1	97.8	3.2	(D)	(D)
MOUNTAIN DIVISION	37	5	.3	2.3	.3	.5	1.4	6.3	2.8	9.1	.4	.3	4.3
UTAH	5	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	173	25	2.3	16.0	1.4	2.7	8.1	49.1	35.2	84.1	2.7	(D)	(D)
CALIFORNIA	152	24	2.2	15.4	1.4	2.6	7.9	52.3	33.9	86.1	2.7	2.3	41.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Adhesives and gelatin (SIC 2891)	Explosives (SIC 2892)	Printing ink (SIC 2893)	Carbon black (SIC 2895)	Chemical preparations, n.e.c. (SIC 2899)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.84	.93	.93	1.00	.82
COVERAGE RATIO[2]	.77	.93	.95	(NA)	.74
ESTABLISHMENTS, TOTAL .NUMBER	337	92	360	34	1 373
WITH 1 TO 19 EMPLOYEES .DO	224	40	236	5	1 067
WITH 20 TO 99 EMPLOYEES .DO	92	20	102	21	230
WITH 100 EMPLOYEES OR MORE .DO	21	32	22	8	76
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	9.7	32.8	9.7	2.8	33.3
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	73.8	227.0	74.0	22.8	230.2
PRODUCTION WORKERS:					
AVERAGE FOR YEAR 1,000	5.9	24.1	6.4	2.3	21.1
MARCH .DO	5.9	21.8	6.4	2.2	21.0
MAY .DO	5.8	23.0	6.4	2.3	21.1
AUGUST .DO	6.0	25.3	6.5	2.3	21.1
NOVEMBER .DO	5.9	26.3	6.4	2.3	21.2
MAN-HOURS .MILLIONS	12.4	47.9	13.6	5.2	42.0
JANUARY-MARCH .DO	3.1	10.8	3.3	1.3	10.4
APRIL-JUNE .DO	3.1	11.8	3.4	1.3	10.5
JULY-SEPTEMBER .DO	3.0	12.4	3.4	1.3	10.6
OCTOBER-DECEMBER .DO	3.1	12.9	3.4	1.3	10.5
WAGES MILLION DOLLARS	36.1	156.3	41.1	18.0	115.6
COST OF MATERIALS, ETC., TOTAL .DO	264.7	270.7	211.9	67.4	648.7
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	237.8	240.7	192.1	60.9	570.6
COST OF RESALES .DO	18.7	6.4	16.8	.4	55.4
FUELS CONSUMED .DO	4.6	11.5	.9	2.8	13.4
PURCHASED ELECTRIC ENERGY .DO	2.2	6.2	1.9	3.3	6.1
CONTRACT WORK .DO	1.5	5.8	.2	(Z)	3.2
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	473.6	647.0	375.6	167.8	1 381.6
VALUE OF RESALES .DO	22.7	5.2	24.6	.5	74.9
VALUE ADDED BY MANUFACTURE .DO	211.3	376.0	166.6	100.8	732.4
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL .DO	55.9	38.6	41.5	15.9	153.2
FINISHED PRODUCTS .DO	25.1	17.6	16.7	11.0	69.0
WORK IN PROCESS .DO	5.9	5.3	2.2	(Z)	21.3
MATERIALS, SUPPLIES, FUEL, ETC. .DO	24.8	15.7	22.6	4.9	62.9
END OF YEAR, TOTAL .DO	59.6	39.1	44.7	16.1	163.9
FINISHED PRODUCTS .DO	26.9	16.1	19.4	11.4	71.2
WORK IN PROCESS .DO	6.6	6.5	2.4	(Z)	18.6
MATERIALS, SUPPLIES, FUEL, ETC. .DO	26.1	16.5	22.9	4.7	74.1
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	23.6	22.5	7.6	23.6	56.5
NEW PLANT AND EQUIPMENT, TOTAL .DO	22.0	21.8	7.1	23.4	54.5
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	9.2	4.2	2.0	3.6	16.3
NEW MACHINERY AND EQUIPMENT .DO	12.8	17.5	5.1	19.8	38.2
USED PLANT AND EQUIPMENT .DO	1.5	.7	.5	.1	1.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2891-- ADHESIVES AND GELATIN											
ESTABLISHMENTS, TOTAL	337	9.7	73.8	5.9	12.4	36.1	211.3	264.7	473.6	22.0	59.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	101	.2	1.4	.2	.2	.6	5.1	6.4	11.5	[2] 7.1	1.1
5 TO 9 EMPLOYEES	58	.4	3.0	.2	.4	1.2	9.6	13.6	23.0	(D)	2.3
10 TO 19 EMPLOYEES	65	.9	6.8	.5	1.0	2.7	20.5	26.0	46.3	.7	4.2
20 TO 49 EMPLOYEES	65	2.1	15.5	1.2	2.5	6.6	44.6	69.0	112.8	2.5	10.4
50 TO 99 EMPLOYEES	27	1.8	13.4	1.0	2.1	6.1	34.7	51.3	85.9	1.7	8.5
100 TO 249 EMPLOYEES	16	2.4	18.8	1.4	3.1	8.8	51.0	58.4	109.1	3.5	17.5
250 TO 499 EMPLOYEES	4	1.9	14.9	1.4	3.0	10.1	45.8	39.9	85.0	6.4	15.5
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	81	.1	.9	.1	.2	.5	2.4	3.4	5.7	.1	.7
2892-- EXPLOSIVES											
ESTABLISHMENTS, TOTAL	92	32.8	226.1	24.1	47.9	156.3	376.0	270.7	647.0	21.8	39.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	31	.1	.4	.1	.1	.3	2.9	3.2	6.1	[2] 2.0	.6
5 TO 9 EMPLOYEES	5	.1	.6	(Z)	.1	.4	.6	4.0	6.1	.2	.9
10 TO 19 EMPLOYEES	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	13	.5	3.2	.4	.7	2.2	11.7	7.3	18.9	1.0	2.1
50 TO 99 EMPLOYEES	7	.5	3.3	.3	.6	1.9	6.1	8.6	14.6	1.0	1.7
100 TO 249 EMPLOYEES	15	2.5	17.0	2.0	3.9	12.9	37.6	30.4	67.8	(D)	10.5
250 TO 499 EMPLOYEES	5	2.0	15.7	1.4	2.8	10.1	34.8	21.2	55.5	(D)	7.0
500 TO 999 EMPLOYEES	6	7.1	47.5	5.4	10.5	32.9	84.7	61.0	145.3	3.2	16.2
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE	5	20.0	138.4	14.4	29.1	95.5	197.6	135.1	332.7	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2893-- PRINTING INK											
ESTABLISHMENTS, TOTAL	360	9.7	74.0	6.4	13.6	41.1	166.6	211.9	375.6	7.1	44.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	89	.2	1.3	.1	.3	.8	3.5	3.6	7.1	[2] 1.2	.9
5 TO 9 EMPLOYEES	60	.4	2.9	.2	.5	1.5	6.8	8.3	15.0	.4	1.8
10 TO 19 EMPLOYEES	87	1.2	9.2	.7	1.5	4.6	23.1	26.4	49.2	.6	4.9
20 TO 49 EMPLOYEES	78	2.4	17.5	1.5	3.0	9.1	40.1	49.9	89.3	1.4	10.2
50 TO 99 EMPLOYEES	24	1.6	11.6	1.0	2.1	6.2	27.2	34.3	60.9	.9	6.6
100 TO 249 EMPLOYEES	18	4.0	31.5	2.9	6.3	19.0	65.8	89.4	154.2	2.6	20.4
250 TO 499 EMPLOYEES	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	55	.1	.7	.1	.1	.4	1.4	1.5	3.0	.1	.3
2895-- CARBON BLACK											
ESTABLISHMENTS, TOTAL	34	2.8	22.8	2.3	5.2	18.0	100.8	67.4	167.8	23.4	15.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	5	.2	1.6	.1	.3	1.0	8.3	6.2	14.7	[2] 13.7	1.4
20 TO 49 EMPLOYEES	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	17	1.3	11.2	1.1	2.5	8.8	48.7	33.5	81.6	(D)	9.3
100 TO 249 EMPLOYEES	6	1.2	10.0	1.1	2.4	8.2	43.7	27.7	71.6	9.7	4.9
250 TO 499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2899-- CHEMICAL PREPARATIONS, NEC											
ESTABLISHMENTS, TOTAL	1 373	33.3	230.2	21.1	42.0	115.6	732.4	648.7	1 381.6	54.5	163.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	668	1.2	6.7	1.1	1.4	3.2	23.0	18.5	41.4	3.3	4.2
5 TO 9 EMPLOYEES	227	1.5	11.3	.9	1.7	4.5	32.9	29.8	62.4	1.1	5.3
10 TO 19 EMPLOYEES	172	2.4	17.1	1.4	2.7	6.9	50.7	49.9	100.2	4.8	11.4
20 TO 49 EMPLOYEES	165	5.1	35.8	2.8	5.6	15.0	117.9	108.4	224.5	4.1	28.5
50 TO 99 EMPLOYEES	65	4.3	30.7	2.6	5.4	14.9	95.3	130.4	226.2	4.9	27.2
100 TO 249 EMPLOYEES	58	9.2	62.4	6.3	13.2	37.2	211.6	176.8	386.4	24.6	45.1
250 TO 499 EMPLOYEES	11	4.0	30.6	2.3	4.8	13.5	65.9	49.4	114.7	3.2	14.0
500 TO 999 EMPLOYEES	5	5.6	35.7	3.9	7.3	20.3	135.1	85.6	225.7	8.6	28.1
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	564	1.0	5.4	1.0	1.2	2.6	17.2	14.2	31.4	.6	3.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms for discussion of items.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. (X) Not applicable. (NA) Not available. [e] For 1967, over 30 percent of the data for this line was estimated. - Represents zero.

[1] Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2] Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2891	Adhesives and gelatin	1967	473.6	376.6	72.4	24.7	84	490.3	376.6	113.7	77
		1963	351.7	278.9	57.5	15.3	83	386.0	278.9	107.0	72
2892	Explosives	1967	647.0	229.4	16.7	400.9	93	248.5	229.4	19.1	93
		1963	283.3	169.3	24.1	90.0	88	181.0	169.3	11.6	94
2893	Printing ink	1967	375.6	324.4	25.0	26.2	93	342.6	324.4	18.2	95
		1963	268.0	238.4	18.2	11.5	93	258.2	238.4	19.9	92
2895	Carbon black	1967	167.8	167.2	-	.5	100	168.0	(D)	(D)	(NA)
		1963	149.1	(D)	(D))	(D)	(NA)	149.4	(D)	(D)	(NA)
2899	Chemical preparations, n.e.c.	1967	1,381.6	1,054.2	224.6	102.7	82	1,431.6	1,054.2	377.4	74
		1963	931.7	707.1	159.4	65.2	82	998.6	707.1	291.5	71

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (NA) Not available. n.e.c. Not elsewhere classified. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry, and miscellaneous receipts	All industries	Adhesives and gelatin (2891)	Explosives (2892)	Printing ink (2893)	Carbon black (2895)	Chemical preparations, n.e.c. (2899)	Other industries
	Total shipments and miscellaneous receipts	(X)	473.6	647.0	375.6	167.8	1,381.6	(X)
2891-	Adhesives and gelatin	490.3	376.6	-	-	-	(5-10)	(100-200)
28911	Glues, adhesives, and sizes	399.6	(200-500)	-	-	-	(2-5)	(50-100)
28912	Gelatin, except ready-to-eat desserts	66.2	(20-50)	-	-	-	-	(10-20)
28910	Glue and gelatin, n.s.k.	24.5	24.5	-	-	-	-	-
2892-	Explosives	248.5	-	229.4	-	-	(5-10)	(10-20)
28921	Explosives (except government owned and contractor-operated plants)	229.8	-	212.9	-	-	(5-10)	(5-10)
28920	Explosives, n.s.k.	18.7	-	16.4	-	-	-	2.3
2893-	Printing ink	342.6	-	-	(200-500)	-	-	(10-20)
2895-	Carbon black	168.0	-	-	-	(100-200)	-	(under 2)
2899-	Chemical preparations, n.e.c.	1,431.6	5.7	4.1	0.7	-	1,054.2	366.9
28991	Salt	111.6	-	-	-	-	104.4	7.2
28992	Fatty acids	111.2	(2-5)	-	-	-	71.6	(20-50)
28993	Essential oils, fireworks and pyrotechnics and chemicals and chemical preparations, n.e.c.	1,084.3	1.5	4.1	0.7	-	755.8	322.2
28990	Chemicals and chemical preparations, n.s.k.	124.5	(under 2)	-	-	-	122.4	(2-5)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product code	Class of products, industry, and miscellaneous receipts	All industries	Adhesives and gelatin (2891)	Explosives (2892)	Printing ink (2893)	Carbon black (2895)	Chemical preparations, n.e.c. (2899)	Other industries
	Other product shipments by 4-digit product group							
1476-	Rock salt	(X)	(X)	X	(X)	(X)	(over 2)	(X)
1929-	Ammunition, except for small arms, n.e.c.	(X)	(X)	-	(X)	(X)	(X)	(X)
2011-	Meat packing plant products	(X)	(X)	(X)	(X)	(X)	(over 2)	(X)
2046-	Wet corn milling products	(X)	(over 2)	(X)	(X)	(X)	(X)	(X)
2094-	Animal and marine fats and oils	(X)	6.0	(X)	(X)	(X)	(over 2)	(X)
2645-	Die-cut paper and board	(X)	(X)	X	X	(X)	(over 2)	(X)
2752-	Commercial printing, lithographic	(X)	(X)	(X)	(X)	(X)	(over 2)	(X)
2815-	Cyclic intermediates and crudes	(X)	(X)	(X)	(over 2)	(X)	(X)	(X)
2816-	Inorganic pigments	(X)	(X)	(X)	(X)	(X)	10.7	(X)
2818-	Industrial organic chemicals, n.e.c.	(X)	(X)	(X)	(X)	(X)	51.1	(X)
2819-	Industrial inorganic chemicals, n.e.c.	(X)	2.7	10.9	(X)	(X)	(X)	(X)
2821-	Plastics materials and resins	(X)	18.7	(X)	(X)	(X)	15.2	(X)
2841-	Soap and other detergents	(X)	(X)	(X)	(X)	(X)	16.1	(X)
2842-	Polishes and sanitation goods	(X)	3.3	(X)	(X)	(X)	3.5	(X)
2843-	Surface active agents	(X)	4.1	(X)	(X)	(X)	12.4	(X)
2844-	Toilet preparations	(X)	(X)	(X)	(X)	(X)	(5-10)	(X)
2851-	Paints and allied products	(X)	5.3	(X)	14.1	(X)	4.8	(X)
2861-	Gum and wood chemicals	(X)	(over 2)	(X)	(X)	(X)	6.7	(X)
2879-	Agricultural chemicals, n.e.c.	(X)	(X)	(X)	(X)	(X)	4.3	(X)
2992-	Lubricating oils and greases	(X)	(X)	(X)	X	(X)	3.9	(X)
3069-	Fabricated rubber products, n.e.c.	(X)	8.5	(X)	(X)	(X)	(X)	(X)
3079-	Miscellaneous plastics products	(X)	(X)	(X)	(X)	(X)	(over 2)	(X)
3293-	Gaskets and insulations	(X)	(X)	(X)	(X)	(X	(over 2)	(X)
3471-	Plating and polishing	(X)	(X)	(X)	(X)	(X)	(under 2)	(X)
3499-	Fabricated metal products, n.e.c.	(X)	over 2)	(X)	(X)	(X,	(under 2)	(X)
3861	Photographic equipment and supplies	(X)	(X)	(X)	(X)	(X)	(over 2)	(X)
	Miscellaneous receipts	(X)	24.7	400.9	26.2	(under 2)	102.7	(X)
99989	Resales	(X)	22.7	5.2	24.6	(under 2)	74.9	(X)
99980	Other miscellaneous receipts	(X)	2.0	395.7	1.6	(under 2)	27.8	(X)

Product code	Class of products, industry, and miscellaneous receipts	Other industries
	Listing of other industries with over $2 million shipments of the primary products	
2891-	2011 Meat packing plants	(over 2)
2891-	2013 Sausages and other prepared meats	(over 2)
2891-	2094 Animal and marine fats and oils	(over 2)
2891-	2295 Coated fabrics, not rubberized	(over 2)
2891-	2641 Paper coating and glazing	(over 2)
2891-	2818 Industrial organic chemicals, n.e.c.	(5-10)
2891-	2821 Plastics materials and resins	4.2
2891-	2834 Pharmaceutical preparations	(10-20)
2891-	2851 Paints and allied products	13.7
2891-	2861 Gum and wood chemicals	(10-20)
2891-	3069 Fabricated rubber products, n.e.c.	7.8
2891-	3292 Asbestos products	2.4
2891-	3714 Motor vehicle parts and accessories	(over 2)
2891-	3996 Hard surface floor coverings	over 2)
2892-	1929 Ammunition, except for small arms, n.e.c.	(over 2)
2892-	2818 Industrial organic chemicals, n.e.c.	(over 2)
2893-	2851 Paints and allied products	8.4
2893-	3579 Office machines, n.e.c.	(over 2)
2899-	1929 Ammunition, except for small arms, n.e.c.	(over 2)
2899-	1999 Ordnance and accessories, n.e.c.	(over 2)
2899-	2033 Canned fruits and vegetables	(5-10)
2899-	2037 Frozen fruits and vegetables	4.1

Product code	Class of products, industry, and miscellaneous receipts	Other industries
	Listing of other industries with over $2 million shipments of the primary products--Continued	
2899-	2096 Shortening and cooking oils	(over 2)
2899-	2099 Food preparations, n.e.c.	2.8
2899-	2631 Paperboard mills	(2-5)
2899-	2752 Commercial printing, lithographic	(over 2)
2899-	2818 Industrial organic chemicals, n.e.c.	81.5
2899-	2819 Industrial inorganic chemicals, n.e.c.	32.6
2899-	2821 Plastics materials and resins	22.9
2899-	2834 Pharmaceutical preparations	(10-20)
2899-	2841 Soap and other detergents	25.4
2899-	2842 Polishes and sanitation goods	17.2
2899-	2843 Surface active agents	(2-5)
2899-	2851 Paints and allied products	10.7
2899-	2861 Gum and wood chemicals	8.5
2899-	2879 Agricultural chemicals, n.e.c.	13.0
2899-	2911 Petroleum refining	(2-5)
2899-	2951 Paving mixtures and blocks	(over 2)
2899-	2992 Lubricating oils and greases	5.7
2899-	3069 Fabricated rubber products, n.e.c.	(5-10)
2899-	3356 Nonferrous rolling and drawing, n.e.c.	(over 2)
2899-	3541 Machine tools, metal-cutting types	(over 2)
2899-	3559 Special industry machinery, n.e.c.	(over 2)
2899-	3722 Aircraft engines and engine parts	(over 2)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. Data shown parenthetically above are ranges expressed in millions of dollars.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2891- --	ADHESIVES AND GELATIN, TOTAL	.....	(X)	490.3	(X)	386.0
28911 --	Glues, adhesives, and sizes, total	.....	(X)	399.6	(X)	325.1
	Natural base glues and adhesives:					
	Animal glues:					
28911 11	Hide (dry forms)	Million pounds	75.3	18.6	52.1	13.1
28911 14	Bone, green and extracted (dry forms)	...do.....	38.9	6.8	46.3	7.5
28911 26	Flexible, nonwarp, and liquid glue (not glue stock)	...do.....	(S)	9.4	(NA)	14.4
	Protein adhesives:					
28911 41	Casein adhesives	...do.....	43.2	7.9	(NA)	7.2
28911 43	Soybean adhesives	...do.....	(X)	(1)	14.0	2.0
28911 45	Other, including blood, albumen, etc	...do.....	74.6	8.5	122.5	15.2
	Vegetable adhesives:					
28911 51	Dextrines	...do.....	167.9	20.5	200.2	19.3
28911 55	Starches	...do.....	46.9	6.8	82.2	7.2
28911 75	Adhesives made from natural gums and resins, except rubber	...do.....	(S)	11.6	(NA)	11.1
28911 77	Mucilage	...do.....	(X)	(1)	(NA)	2.1
	Synthetic base adhesives and cements:					
28911 71	Synthetic resin adhesives made from purchased resins, including all types of bonding and laminating adhesives[2]	...do.....	612.9	134.9	e303.4	79.8
28911 73	Rubber and synthetic resin combinations	...do.....	(S)	70.4	e146.0	39.4
28911 78	Asphalt base adhesives	...do.....	(S)	8.3	} (NA)	21.5
28911 79	Other formulated and prepared adhesives, except rubber cement, including lacquer adhesives	...do.....	167.4	111.8		
28911 83	Cements: furnace, porcelain, etc., except rubber cement	...do.....	(S)	1.8	23.4	3.5
	Sizes:					
28911 95	Rosin sizes	...do.....	365.3	43.6	(NA)	59.7
28911 98	Other, including dextrin sizes	...do.....	147.0	18.2	(NA)	10.4
28911 00	Glues and adhesives, n.s.k.	.....	(X)	20.5	(X)	11.7
28912 --	Gelatin, except ready-to-eat desserts, total	.....	(X)	66.2	(X)	55.4
28912 11	Food grade (excluding pharmaceutical and photographic)	Million pounds	43.2	35.3	45.3	26.1
28912 31	Pharmaceutical grade (except unfilled capsules)	...do.....	5.4	4.9	5.2	4.1
28912 51	Photographic grade	...do.....	(X)	(D)	7.8	10.8
28912 71	Technical (inedible) grade	...do.....	(X)	(D)	2.6	1.0
28912 98	Other gelatin products, except ready-to-eat desserts, including unfilled capsules and gelatin sheets for theatrical use	.....	(X)	(D)	} (X)	13.4
28912 00	Gelatin, except ready-to-eat desserts, n.s.k.	.....	(X)	-		
28910 00	Adhesives and gelatin, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	18.7	} (X)	5.4
28910 02	Adhesives and gelatin, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	5.7		
2892- --	EXPLOSIVES, TOTAL	.....	(X)	3248.5	(X)	3181.0
	Industrial explosives:					
	High explosives	.....	(X)	120.3	(X)	102.2
28921 13	Permissibles (approved by Bureau of Mines for underground coal mining)	Million pounds	237.5	42.0	76.9	12.7
28921 17	Ammonium nitrate, fuel sensitized, except slurry[4]	...do.....	434.4	26.4	231.6	13.3
28921 18	Slurry (all types)	...do.....	} 337.9	51.9	501.8	76.1
28921 19	Other high explosives, including liquid oxygen explosives, etc.	...do.....				
28921 29	Other industrial explosives, including black blasting powder, shaped charges, etc.[5]	Million pounds	} (S)	29.8	{ (X)	8.9
28921 33	Propellants, including smokeless and black powder (excluding government-owned, contractor-operated plants)	...do.....			{ 13.2	12.7

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2892 --	EXPLOSIVES--Continued					
	Industrial explosives:					
	Blasting accessories (excluding government-owned, contractor-operated plants):					
28921 41	Safety fuse	Million feet	(6)	(6)	598.2	9.7
28921 51	Detonating fuse	...do	(6)	(6)		
	Detonators:					
28921 43	Blasting caps, electric, delay	Million units.	48.8	18.5	46.9	14.6
28921 45	Blasting caps, electric, except delay	...do	47.4	15.4	50.6	12.1
28921 47	Blasting caps, except electric	...do	72.5	1.9	57.8	1.2
28921 61	Other blasting accessories (squibs, ignitors, boosters, etc.)		(X)	628.4	(X)	14.2
28921 71	Other explosives[7]		(X)	15.6	(X)	5.4
28921 00	Explosives, n.s.k. (For companies with 10 or more employees. See Note.)		(X)	18.6	(X)	(X)
28921 02	Explosives, n.s.k. (For companies with less than 10 employees. See Note.)		(X)	0.1		
2893- --	PRINTING INK, TOTAL		(X)	342.6	(X)	258.2
	Letterpress inks, total	Million lbs...	(NA)	99.9	(NA)	93.0
	News inks:					
28930 03	Black	...do	(S)	37.8	(NA)	15.3
28930 04	Color	...do			22.4	8.4
	Book and magazine publication inks:					
28930 07	Black	...do	(S)	22.5	39.2	12.9
28930 08	Color	...do			20.6	12.2
28930 15	Container and label inks, black and color	...do	36.8	29.3	48.8	34.3
28930 19	Other letterpress inks	...do	11.3	10.3	9.5	10.0
	Lithographic and offset inks, total	...do	80.1	86.2	49.6	59.5
28930 31	News inks	...do	31.9	27.3	13.6	14.8
28930 32	Other publication inks	...do	12.7	14.0		
28930 35	Container and label inks	...do	19.8	21.9	15.4	18.7
28930 39	Other lithographic and offset inks	...do	15.8	23.0	20.6	25.9
	Gravure inks, total	...do	173.3	42.3	121.4	38.1
28930 43	Packaging, including labels and wrapper inks	...do	41.4	19.2	62.9	25.2
28930 45	Publication inks	...do	106.8	17.8	58.5	12.9
28930 49	Other gravure inks	...do	25.1	5.3		
28930 71	Textile printing inks	...do	26.7	18.0	31.0	16.9
28930 81	Flexographic inks	...do	73.4	42.0	44.1	26.6
28930 85	Screen printing inks	...do	(S)	8.3	(NA)	14.6
28930 98	Other printing inks, including stencil inks	...do	27.8	14.4		
28930 00	Printing inks, n.s.k. (For companies with more than 10 employees. See Note.)		(X)	28.5	(X)	9.6
28930 02	Printing inks, n.s.k. (For companies with less than 10 employees. See Note.)		(X)	3.0		

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
28950 11	CARBON BLACK (CHANNEL AND FURNACE PROCESS ONLY)[8]	Million lbs.	2,440.0	2,415.7	167.8	2,060.3	2,071.1	149.4
2899- --	CHEMICAL PREPARATIONS, N.E.C., TOTAL	.....	(X)	(X)	1,431.7	(X)	(X)	998.6
28991 11	Salt, evaporated (bulk, pressed blocks, and packaged)[9]	Million short tons.	5.4	5.4	111.6	4.6	4.6	98.4
28992 --	Fatty acids	.....	(X)	(X)	111.2	(X)	(X)	88.1
	Saturated acids	.....	(X)	(X)	45.8	(X)	(X)	46.4
28992 11	Stearic acid (40-50 percent stearic content) types commercially designated as single, double, or triple pressed	Million lbs.	77.9	75.6	11.9	63.6	63.5	9.4
28992 21	Other stearic acids (over 50 percent stearic content), high palmitic content (over 60 percent palmitic), hydrogenated animal and vegetable fatty acids	...do.....	145.2	151.0	17.0	196.6	194.7	24.8
28992 53	Coconut-type fatty acids, including coconut, babassu, and palm kernel	...do.....	54.6	39.5	6.7	96.2	82.4	10.9
28992 55	Fractionated fatty acids, including lauric, caprylic, capric, and myristic	...do.....	(S)	12.5	3.2			
28992 59	Other saturated acids, including hydrogenated fish and marine mammal fatty acids	...do.....	55.2	54.9	7.0	8.8	10.1	1.3
	Unsaturated acids	.....	(X)	(X)	62.6	(X)	(X)	41.8
28992 61	Oleic acid, including white oleic and red oil	Million lbs.	(S)	75.1	12.9	105.1	73.2	11.6
28992 81	Unsaturated vegetable fatty acids (unhydrogenated)	...do.....	(S)	35.5	6.2	52.9	48.6	8.4
28992 91	Tall oil fatty acids (containing 90 percent or more free fatty acids, excluding rosin acids)	...do.....	(S)	372.0	28.9	274.0	210.4	18.6
28992 95	Other unsaturated acids including unsaturated animal fatty acids (unhydrogenated), other than oleic	...do.....	(S)	146.4	14.6	51.1	26.2	3.2
28992 00	Fatty acids, n.s.k.	.....	(X)	(X)	2.7	(X)	(X)	(X)
28993 --	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, n.e.c.	.....	(X)	(X)	1,084.3	(X)	(X)	770.9
	Essential oils, unblended (natural):							
	Citrus oils:							
28993 11	Orange	Million lbs.	(S)	(S)	6.5	(NA)	5.2	3.0
28993 12	Lemon	...do.....	(S)	2.6	10.9	(NA)	1.6	8.2
28993 13	Other	...do.....	(S)	1.6	5.6	(NA)	1.0	2.4
28993 15	Peppermint oil	...do.....	(S)	2.2	15.5	(NA)	1.6	8.8
28993 19	Other natural essential oils	...do.....	(S)	3.4	18.3	(NA)	4.8	11.9
28993 29	Fireworks and pyrotechnics	...do.....	(S)	(S)	66.4	(X)	(X)	16.5
	Chemical preparations, n.e.c.:							
	Automotive chemicals:							
	Antifreeze preparations:							
28993 35	Permanent type[10]	Million gal.	(X)	(X)	131.9	(X)	(X)	146.0
28993 36	Other	...do.....						
28993 37	Other automotive chemicals	.....						
28993 39	Concrete curing and floor hardening materials	Million lbs.	(S)	174.4	28.3	86.9	86.2	10.9
28993 41	Drilling mud materials, mud thinners, thickeners and purifiers	...do.....	(S)	(S)	17.6	394.0	393.7	13.7
28993 49	Foundry supplies, chemical	.....	(X)	(X)	38.3	(X)	(X)	24.4
28993 53	Household tints and dyes	Million lbs.	(11)	(11)	(11)	(11)	(11)	(11)
28993 55	Insulation products (heat, electrical, other)	.....	(X)	(X)	16.4	(X)	(X)	14.1
28993 59	Metal-treating compounds (nonoil base) for nitriding, pickling, drawing, and cutting	.....	(X)	(X)	53.3	(X)	(X)	42.8
28993 61	Oil treating compounds (nonoil base)	.....	(X)	(X)	43.6	(X)	(X)	31.0
28993 72	Inks (writing and stamp pad ink, including indelible ink and marking fluid, excluding drawing inks)	Million gal.	(S)	(S)	9.3	(S)	(S)	10.2
	Water treating compounds:							
28993 77	Boiler compounds	Million lbs.	(S)	416.5	114.8	127.3	126.4	30.8
28993 79	Other water softening compounds	...do.....				248.7	247.6	43.0
28993 81	Water proofing compounds (electrical, leather, masonry, textile, etc.)	.....	(X)	(X)	30.1	(X)	(X)	23.3
28993 87	Vitreous enamel (frit)	Million lbs.	200.7	199.9	32.0	222.3	219.6	36.2
28993 91	Plating compounds	...do.....	(S)	(S)	73.2	(S)	(S)	33.9
28993 93	Lighter fluids (cigarette, charcoal, etc.)	Million gal.	(S)	(S)	17.6	2.8	2.7	9.7
28993 98	Other industrial chemical specialties, including fluxes and plastic wood preparations	.....	(X)	(X)	[11]302.1	(X)	(X)	222.1

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
	CHEMICAL PREPARATIONS, N.E.C.--Continued							
	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, n.e.c.--Con.							
28993 00	Other essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, n.e.c., n.s.k.	.....	(X)	(X)	52.8	(X)	(X)	27.8
28990 00	Chemicals and chemical preparations, n.e.c., n.s.k. (For companies with more than 10 employees. See Note.)	.....	(X)	(X)	93.2	(X)	(X)	41.2
28990 02	Chemicals and chemical preparations, n.e.c., n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	(X)	31.4			

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [6]From 10 to 30 percent of this figure was estimated.

[1]Code 2891177, Mucilage and 2891143, Soybean adhesives included for 1967 in code 281179, "Other formulated and prepared adhesives."

[2]See industry 2821, Plastics Materials, for figures on synthetic resins for adhesives.

[3]The estimated value of explosives produced in goverment-owned contractor operated plants, including receipts for operation and maintenance, is included with miscellaneous receipts and thus excluded from this table. The total value of miscellaneous receipts included in the total value of shipments shown in tables 1 and 2 is $401 million in 1967 and $90 million in 1963.

[4]Excludes ammonium nitrate, field mix.

[5]Includes fuse powder and nitroglycerin sold as such.

[6]Codes 2892141 and 2892151 combined with code 2892161.

[7]Includes military detonators, jet starters, fuse and explosive assemblies, etc.

[8]For additional detail on production and shipments of channel and furnace carbon black see Minerals Yearbook published by Bureau of Mines, Department of Interior.

[9]Includes for 1967 between 50 and 100 thousand tons of evaporated salt valued at less than $5 million shipped by establishments classified in the mineral industries. Comparable 1963 data are between 50 and 80 thousand tons valued at less than $4 million. For annual information on evaporated salt, rock salt, and salt is brine see Bureau of Mines Minerals Yearbook.

[10]Excludes unspecified amount of permanent type antifreeze preparations classified as product code 28182 11, acyclic chemicals.

[11]Product code 28993 53 combined with code 28993 98.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
GLUES, ADHESIVES, AND SIZES (28911)		
United States	399.6	325.1
Northeast Region	133.8	110.5
New England Div	37.8	29.1
Massachusetts	29.6	24.7
Connecticut	7.1	2.5
Middle Atlantic Div	96.0	81.4
New York	30.4	26.4
New Jersey	45.1	35.4
Pennsylvania	20.4	19.6
North Central Region	117.9	98.6
East North Central Div	105.7	87.1
Ohio	19.8	17.4
Indiana	3.9	3.6
Illinois	47.0	42.6
Michigan	21.1	11.8
Wisconsin	14.0	11.7
West North Central Div	12.1	11.5
Minnesota	4.6	3.5
Missouri	3.5	4.0
Nebraska	AA	(1)
Kansas	2.1	1.9
South Region	96.9	76.3
South Atlantic Div	70.7	54.2
Maryland	EE	6.7
Virginia	BB	(1)
West Virginia	BB	(D)
North Carolina	6.0	5.8
South Carolina	BB	(1)
Georgia	36.0	33.9
Florida	2.5	2.3
East South Central Div	15.5	14.0
Tennessee	CC	2.8
Alabama	BB	(1)
Mississippi	CC	(1)
West South Central Div	10.7	8.1
Louisiana	6.3	2.7
Texas	BB	5.0
West Region	51.0	39.8
Pacific Div	GG	(D)
Washington	CC	(1)
Oregon	14.3	(D)
California	30.7	20.5
EXPLOSIVES, PROPELLANTS, ETC., GOVERNMENT-OWNED PLANTS (28922)		
United States	360.5	(NA)
Northeast Region	CC	(NA)
New England Div	CC	(NA)
Massachusetts	CC	(NA)
EXPLOSIVES, PROPELLANTS, ETC., GOVERNMENT-OWNED PLANTS (28922)--Con.		
North Central Region	GG	(NA)
East North Central Div	GG	(NA)
Illinois	FF	(NA)
Wisconsin	FF	(NA)
West North Central Div	FF	(NA)
Kansas	FF	(NA)
South Region	223.5	(NA)
South Atlantic Div	GG	(NA)
Virginia	GG	(NA)
East South Central Div	GG	(NA)
Tennessee	GG	(NA)
FATTY ACIDS (28992)		
United States	111.2	88.1
Northeast Region	EE	14.9
Middle Atlantic Div	EE	(D)
New York	AA	(1)
New Jersey	11.9	(1)
Pennsylvania	BB	(1)
North Central Region	43.8	41.3
East North Central Div	GG	(D)
Ohio	EE	(1)
Indiana	BB	(1)
Illinois	18.9	(1)
West North Central Div	BB	(D)
Kansas	BB	(D)
South Region	42.1	(D)
South Atlantic Div	20.5	(D)
Virginia	BB	(1)
South Carolina	AA	(D)
Georgia	CC	(1)
Florida	CC	(1)
East South Central Div	13.3	(D)
Tennessee	CC	(1)
Alabama	AA	(1)
Mississippi	AA	(D)
West South Central Div	8.3	(D)
Louisiana	BB	(1)
Texas	BB	(1)
West Region	CC	(D)
Pacific Div	CC	(D)
Oregon	AA	(D)
California	CC	(1)
CHEMICALS (ESSENTIAL OILS, FIREWORKS, ETC.), N.E.C. (28993)		
United States	1,084.4	770.9
Northeast Region	307.3	229.1
New England Div	48.2	29.0
New Hampshire	AA	(D)
Massachusetts	13.7	12.8
Rhode Island	EE	2.1
Connecticut	20.2	12.6
Middle Atlantic Div	259.2	200.1
New York	63.3	61.1
New Jersey	108.0	82.9
Pennsylvania	87.9	56.2
North Central Region	492.1	337.4
East North Central Div	403.1	280.8
Ohio	100.2	84.9
Indiana	32.9	31.6
Illinois	132.6	80.0
Michigan	125.6	72.6
Wisconsin	11.8	11.7
West North Central Div	89.0	56.6
Minnesota	FF	(1)
Iowa	1.9	5.1
Missouri	FF	23.8
Nebraska	1.4	1.3
Kansas	5.8	4.1
South Region	214.8	146.8
South Atlantic Div	78.8	59.6
Maryland	13.1	13.6
Virginia	BB	1.5
West Virginia	28.0	(D)
North Carolina	14.1	8.6
South Carolina	CC	(1)
Georgia	9.1	6.7
Florida	5.6	3.0
East South Central Div	52.9	24.4
Tennessee	27.5	11.6
Alabama	24.7	(1)
West South Central Div	83.2	62.8
Arkansas	AA	(D)
Louisiana	5.1	(1)
Oklahoma	BB	3.2
Texas	73.7	57.7
West Region	70.1	57.7
Mountain Div	6.6	1.9
New Mexico	1.1	(D)
Arizona	4.6	(D)
Pacific Div	63.5	55.8
California	61.9	54.7

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2891-	Adhesives and gelatin	490.3	484.8	446.4	397.9	386.0	288.1	(NA)	(NA)
28911	Glues, adhesives, and sizes	399.6	408.1	381.0	339.6	325.1	234.5	(NA)	(NA)
28912	Gelatin, except ready-to-eat desserts	66.2	70.4	59.5	53.5	55.4	52.0	(NA)	(NA)
28910	Adhesives and gelatin, n.s.k.	24.5	6.3	5.8	4.8	5.4	1.5	(NA)	(NA)
28921	Explosives, except government owned contract-operated plants	248.5	236.1	200.1	197.8	181.0	169.7	(NA)	(NA)
28930	Printing ink	342.6	366.8	324.4	293.6	258.2	211.5	(NA)	(NA)
28950	Carbon black (channel and furnace process only)	167.8	184.9	170.1	158.9	149.4	118.9	(NA)	(NA)
2899-	Chemical preparations, n.e.c.	1,431.7	1,345.6	1,216.6	1,111.1	998.6	738.1	(NA)	(NA)
28991	Salt	111.6	108.6	104.1	98.1	98.4	86.5	(NA)	(NA)
28992	Fatty acids	111.2	131.9	126.0	100.4	88.1	67.6	(NA)	(NA)
28993	Essential oils, fireworks and pyrotechnics, and chemicals and chemical preparations, n.e.c.	1,084.3	1,073.7	956.9	883.8	770.9	557.2	(NA)	(NA)
28990	Chemical preparations, n.s.k.	124.6	31.4	29.6	28.9	41.2	26.8	(NA)	(NA)

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other census Series and related data.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Basis	Unit of measure	Total consumption of materials (quantity)	Consumption of materials received from other establishments: Quantity	Consumption of materials received from other establishments: Delivered cost (million dollars)	Materials made and consumed in same plant
				1967			
	INDUSTRY 2892.--EXPLOSIVES						
	Materials, total	.....	.....	(X)	(X)	240.7	(X)
281912	Ammonia, synthetic anhydrous	100% NH_3...	1,000 short tons	(NA)	226.1	13.2	(NA)
281914	Ammonium nitrate	100% NH_4NO_3	...do.....	(NA)	107.4	6.4	(NA)
281901	Mixed acid (sulfuric and nitric)	.....	...do.....	(NA)	11.7	0.8	(NA)
281911	Nitric acid	100% HNO_3..	...do.....	(NA)	(D)	(D)	(NA)
281931	Sulfuric acid, except spent acid	100% H_2SO_4.	...do.....	(NA)	370.4	8.5	(NA)
970099	All other materials and components, parts and supplies consumed	.....	.....	(X)	(X)	189.3	(X)
973000	Materials, containers, and supplies, n.s.k.[1]	.....	.....	(X)	(X)	22.5	(X)
				1963			
	Materials, total	.....	.....	(X)	(X)	100.6	(X)
281912	Ammonia, synthetic anhydrous	100% NH_3...	1,000 short tons	(D)	83.5	5.6	(D)
281914	Ammonium nitrate	100% NH_4NO_3	...do.....	228.2	101.1	5.9	127.2
281901	Mixed acid (sulfuric and nitric)	.....	...do.....	42.9	9.3	0.6	33.7
281911	Nitric acid	100% HNO_3..	...do.....	(D)	(D)	(D)	189.6
281931	Sulfuric acid, except spent acid	100% H_2SO_4.	...do.....	79.2	54.8	1.2	24.4
970099	All other materials and components, parts and supplies consumed	.....	.....	(X)	(X)	85.8	(X)
973000	Materials, containers, and supplies, n.s.k.	.....	.....	(X)	(X)	1.4	(X)

	Material	Unit of measure	1967: Quantity	1967: Delivered cost (million dollars)	1963: Quantity	1963: Delivered cost (million dollars)
	INDUSTRY 2895.--CARBON BLACK					
	Materials, containers, and supplies, total	.....	(X)	60.9	(X)	49.3
291101	Fuel oil used as raw material	1,000 bbls.....	10,406.7			
		(42 Gal.).....	10,380.1	29.5	8,203.6	24.3
131302	Natural gas used as a raw material	Million cu. ft...	104,366.5	14.4	124.6	15.4
970099	All other materials and components, parts, containers and supplies consumed	.....	(X)	16.9	(X)	9.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Adhesives and gelatin (SIC 2891)	Explosives (SIC 2892)	Carbon black (SIC 2895)	Chemical preparations, n.e.c. (SIC 2899)
	Cost of purchased fuels and electric energy, total....	Million dollars.	6.8	17.7	6.1	19.5
	Cost of purchased fuels, total.....	...do.....	4.6	11.5	2.8	13.4
121005	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons	136.2	701.1	-	516.5
	Cost.....	Million dollars.	1.1	5.3	-	3.5
331212 331213	Coke, screenings, and breeze:					
	Quantity.....	1,000 short tons	-	(Z)	-	-
	Cost.....	Million dollars.	-	(Z)	-	-
	Fuel oil, total:					
	Quantity.....	1,000 barrels...	772.1	335.8	-	610.3
	Cost.....	Million dollars.	1.9	1.3	-	1.7
291141	Distillate:					
	Quantity.....	1,000 barrels...	257.0	282.0	-	203.0
	Cost.....	Million dollars.	0.7	1.2	-	0.7
291151	Residual:					
	Quantity.....	1,000 barrels...	515.1	53.8	-	407.3
	Cost.....	Million dollars.	1.2	0.1	-	1.0
131300 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):					
	Quantity.....	Million cu. ft..	1,203.1	1,724.2	15,317.9	11,098.4
	Cost.....	Million dollars.	0.6	0.7	2.7	4.1
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.4	2.1	(Z)	0.8
	Fuels, n.s.k.....	...do.....	0.6	2.1	0.1	3.3
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs.	146.9	626.6	364.4	496.8
	Cost.....	Million dollars.	2.2	6.2	3.3	6.1
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	34.8	8.0	0.7	111.9
	Total energy used for heat and power[1].....	Million kw.-hrs. equivalent.....	3,641.9	9,580.1	5,109.6	12,425.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than $50 thousand dollars.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization–the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization–the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
2891	ADHESIVES AND GELATIN										
	ENTIRE INDUSTRY	337	9.7	73.8	5.9	12.4	36.1	211.3	264.7	473.6	22.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	305	7.3	55.9	4.6	9.6	28.2	143.0	184.0	324.8	12.0
28911	GLUES, ADHESIVES, AND SIZES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	213	7.8	58.7	4.5	9.6	26.9	176.2	215.9	390.9	11.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	177	5.0	38.6	2.9	6.1	17.2	100.3	130.5	229.8	6.1
28912	GELATIN, EXCEPT READY-TO-EAT DESSERTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	9	1.3	10.9	1.0	2.1	7.3	23.0	31.6	53.6	3.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	9	1.3	10.9	1.0	2.1	7.3	23.0	31.6	53.6	3.6
2892	EXPLOSIVES										
	ENTIRE INDUSTRY	92	32.8	227.0	24.1	47.9	156.3	376.0	270.7	647.0	21.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	87	32.2	222.3	23.6	46.9	153.0	367.0	262.1	629.6	12.4
28921	EXPLOSIVES, EXC. GOV.-OWNED CONTRACT-OPER. PLANTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	67	9.6	67.0	7.3	14.0	46.1	151.1	99.9	251.6	19.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	64	9.0	62.3	6.8	13.0	42.8	142.2	91.3	234.2	11.9
28922	EXPLOSIVES, PROPELLANTS, ETC., GOV.-OWNED PLANTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	7	22.6	156.8	16.3	33.2	107.6	217.5	164.0	381.4	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	7	22.6	156.8	16.3	33.2	107.6	217.5	164.0	381.4	(D)
2893	PRINTING INK										
	ENTIRE INDUSTRY	360	9.7	74.0	6.4	13.6	41.1	166.6	211.9	375.6	7.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	348	8.7	65.0	5.6	12.0	35.6	150.1	187.4	335.4	5.1
2895	CARBON BLACK										
	ENTIRE INDUSTRY	34	2.8	22.8	2.3	5.2	18.0	100.8	67.4	167.8	23.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2899	CHEMICAL PREPARATIONS, NEC										
	ENTIRE INDUSTRY	1 373	33.3	230.2	21.1	42.0	115.6	732.4	648.7	1 381.6	54.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	1 287	23.0	159.0	14.4	28.4	76.4	504.6	435.0	936.9	26.0
28991	SALT										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	30	3.6	23.6	3.0	6.5	18.5	79.1	31.9	110.9	3.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
28992	FATTY ACIDS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	16	2.1	18.5	1.4	3.2	12.1	64.1	89.8	151.6	18.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	5	.3	2.7	.2	.5	1.9	8.2	11.2	19.1	(D)
28993	CHEMICALS (ESSENTIAL OILS, FIREWORKS, ETC.), NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	477	21.2	154.3	12.2	24.0	66.8	507.4	452.6	963.9	26.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	411	14.3	105.4	8.1	16.2	43.7	348.3	325.6	671.1	18.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

Petroleum and Coal Products

29A Petroleum and coal products

This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries, and those primarily engaged in producing coke and byproducts in Major Group 33. Establishments primarily engaged in producing crude petroleum, natural gas, natural gasoline, and cycle condensation are classified in mining industries.

TABLE 1. General Statistics: 1967 and Earlier Years

(See Appendix, Explanation of Terms)

Item	Establishments		All employees[1]		Production workers			Value added by manufacture[2]	Cost of materials[3]	Value of shipments[3]	Capital expenditures, new[4]
	Total (number)	With 20 employees or more (number)	Number (number)	Payroll (million dollars)	Number (1,000)	Man-hours (million dollars)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1967[5]	2 084	849	210.8	1 960.6	99.2	202.1	786.3	5 425.9	16 748.4	22 043.4	999.3
1963	2 056	840	219.9	1 762.9	109.4	216.7	745.1	3 713.2	14 291.5	17 994.7	413.7
1958	1 941	653	247.4	1 665.9	130.5	255.4	758.4	2 518.4	(NA)	15 623.1	681.8
1954	1 262	592	231.0	1 285.3	135.8	269.3	659.2	2 240.9	(NA)	(NA)	673.9
ADMINISTRATIVE AND AUXILIARY UNITS:											
1967[5]	204	145	69.1	744.4	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1963[5]	217	151	66.4	629.1	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1958[5]	233	168	68.2	539.2	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1954	(NA)	(NA)	47.6	332.0	(x)	(x)	(x)	(x)	(x)	(x)	(x)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1967[5]	1 880	704	141.7	1 216.2	99.2	202.1	786.3	5 425.9	16 748.4	22 043.4	999.3
1963	1 839	689	153.5	1 133.9	109.4	216.7	745.1	3 713.2	14 291.5	17 994.7	413.7
1958	1 708	821	179.2	1 116.7	130.5	255.4	758.4	2 518.4	(NA)	15 623.1	681.8
1954[6]	r1 262	r659	r183.3	r953.2	r135.8	r269.3	r659.2	r2 240.9	(NA)	(NA)	r673.9
OPERATING MANUFACTURING ESTABLISHMENTS (ORIGINAL)	1 381	681	215.8	1 101.8	163.8	322.9	778.4	2 622.0	(NA)	(NA)	753.2
OPERATING MANUFACTURING ESTABLISHMENTS:											
1966[6]	(NA)	(NA)	139 8	1 128.0	99.1	198.0	741.7	4 753.8	15 652.5	20 419.7	668.7
1965[6]	(NA)	(NA)	142.4	1 107.4	101.6	203.7	732.6	4 131.3	14 973.6	19 111.4	603.5
1964[6]	(NA)	(NA)	148.4	1 127.1	105.4	213.6	743.2	3 780.4	14 570.2	18 357.5	412.6
1962[6]	(NA)	(NA)	154.3	1 096.9	110.0	221.8	724.2	3 439.0	13 786.5	17 192.5	479.4
1961[6]	(NA)	(NA)	159.6	1 118.1	114.4	229.0	745.1	3 382.1	13 493.4	16 827.3	495.0
1960[6]	(NA)	(NA)	170.9	1 145.4	124.1	249.6	772.9	3 307.5	(NA)	(NA)	484.8
1959[6]	(NA)	(NA)	170.9	1 128.0	124.2	246.5	761.4	2 894.2	(NA)	(NA)	430.5
1957[6]	(NA)	(NA)	185.6	1 149.9	135.1	268.1	771.0	3 249.3	(NA)	(NA)	899.6
1956[6]	(NA)	(NA)	184.0	1 082.6	136.3	271.0	744.1	3 317.8	(NA)	(NA)	700.7
1955[6]	(NA)	(NA)	183.0	1 001.3	135.8	270.9	692.0	2 793.1	(NA)	(NA)	545.3
1953[7,8]	(NA)	(NA)	229.3	1 139.6	175.8	350.6	821.0	2 795.4	(NA)	(NA)	833.4
1952[7,8]	1 024	(NA)	220.2	1 035.7	170.3	338.4	751.1	2 618.9	(NA)	(NA)	612.3
1951[7,8]	889	(NA)	218.1	970.1	169.9	347.0	712.1	2 686.6	(NA)	(NA)	331.5
1950[7,8]	1 142	(NA)	207.5	850.3	161.9	330.2	623.8	2 138.6	(NA)	(NA)	331.5
1949[7,8]	(NA)	(NA)	208.4	820.2	166.7	335.6	614.3	1 743.8	(NA)	(NA)	473.7
1947[6]	1 411	(NA)	207.6	726.0	165.4	354.1	543.4	1 990.9	(NA)	(NA)	399.8
1939[9]	1 227	(NA)	(NA)	(NA)	107.7	(NA)	176.6	697.3	(NA)	(NA)	(NA)
1937	934	(NA)	(NA)	(NA)	115.8	(NA)	188.8	638.3	(NA)	(NA)	(NA)
1935[10]	928	(NA)	124.1	186.5	105.1	(NA)	143.1	471.4	(NA)	(NA)	(NA)
1933	835	(NA)	102.5	140.7	89.7	(NA)	113.3	395.2	(NA)	(NA)	(NA)
1931	859	(NA)	(NA)	(NA)	90.8	(NA)	139.8	431.6	(NA)	(NA)	(NA)
1929[11]	922	(NA)	(NA)	(NA)	111.6	(NA)	180.0	828.8	(NA)	(NA)	(NA)
1927	645	(NA)	116.4	201.9	99.8	(NA)	159.0	543.1	(NA)	(NA)	(NA)
1925	750	(NA)	113.1	193.4	97.1	(NA)	153.9	634.9	(NA)	(NA)	(NA)
1923	781	(NA)	124.5	210.1	103.1	(NA)	163.3	562.0	(NA)	(NA)	(NA)
1921	692	(NA)	102.5	175.9	86.5	(NA)	135.8	429.9	(NA)	(NA)	(NA)
1919	787	(NA)	118.2	182.4	97.3	(NA)	142.6	510.8	(NA)	(NA)	(NA)
1914	591	(NA)	60.0	49.0	50.7	(NA)	36.4	111.9	(NA)	(NA)	(NA)
1909[12]	590	(NA)	51.3	34.1	45.8	(NA)	26.8	76.3	(NA)	(NA)	(NA)
1904	376	(NA)	39.1	23.3	35.8	(NA)	19.3	57.5	(NA)	(NA)	(NA)
1899	308	(NA)	31.3	16.4	29.2	(NA)	13 8	37.0	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. r Revised.

[1] The figures for 1939 through 1967 include data for employees of manufacturing establishments who are engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

[2] For the period 1954 to 1967, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture.

[3] The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

[4] The figures for 1958 to 1967 include expenditures for plants under contraction and not yet in operation.

[5] In addition to data for operating establishments 1954, 1958, 1963, and 1967 data are shown for manufacturer's central administrative offices and auxiliary units. Similar data are shown for the years 1949-1953 and 1955-1957 in annual survey of manufactures volumes. Data for these units are not available for the years prior to 1949.

[6] The 1957 edition of the Standard Industrial Classification classified beehive coke ovens and byproduct coke ovens in Major Group 33. Such establishments were previously included in Major Group 29, Petroleum and Coal Products. However, this change was reflected in the tabulations for 1955 annual surveys of manufactures. Data for 1954 were retabulated on this basis and are the source of the data labeled "Revised". Figures labeled "Original" for 1954 and data for prior years include beehive and by-product coke ovens.

[7] These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

[8] The 1947 figures have been revised to exclude data for by-product coke plants operated in conjunction with public utilities manufacturing and distributing gas, and to include data for establishments primarily engaged in shipping lubricants and greases made from animal and vegetable oils (classified in Industry 2899 in 1947). The figures for 1949 to 1953 can not be revised to include these greases.

[9] Figures for years prior to 1939 exclude byproduct coke ovens owned by city gas companies. Such ovens represent less than 2 percent of the total value of products for the petroleum and coal products group for 1939.

[10] Excludes a few establishments engaged principally in blending and compounding lubricating oils.

[11] Figures for years prior to 1929 exclude lubricants, n.e.c. and paving mixtures and blocks. These industries represented 4 percent of the figure for number of production workers and 5 percent of the figure for value added by manufacture, shown for the petroleum and coal products group for 1929. Prior to 1929, the lubricants, n.e.c. industry is included in the series for chemical and allied products group.

[12] Figures for years prior to 1909 exclude fuel briquets and roofing felts and coatings. For 1909, these industries represented 6 percent of the figure for number of production workers and 9 percent of the figure for value added by manufacture shown for the petroleum and coal products group.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
29	PETROLEUM AND COAL PRODUCTS	1 880	704	141.7	1 216.2	99.2	202.1	786.3	5 425.9	16 748.4	22 043.4	999.3	153.5	3 712.2
	NORTHEAST REGION	475	139	23.4	200.7	16.9	34.2	130.6	623.4	2 427.5	3 036.6	99.8	27.7	525.2
	NEW ENGLAND DIVISION	97	22	1.8	13.6	1.3	2.6	8.4	37.8	58.7	96.7	4.1	2.0	32.0
	MASSACHUSETTS	52	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	22.0
	CONNECTICUT	29	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	5.8
	MIDDLE ATLANTIC DIVISION	378	117	21.6	187.1	15.6	31.6	122.3	585.6	2 368.8	2 939.9	95.7	25.6	493.2
	NEW YORK	148	26	2.1	17.4	1.5	3.3	11.8	78.0	159.2	237.1	10.0	2.4	48.9
	NEW JERSEY	83	39	6.6	59.3	4.6	9.5	37.8	196.3	1 101.3	1 291.8	28.9	9.0	238.2
	PENNSYLVANIA	147	52	12.9	110.3	9.4	18.9	72.6	311.3	1 108.3	1 411.0	56.8	14.2	206.1
	NORTH CENTRAL REGION	530	211	36.3	310.8	24.8	51.0	194.0	1 276.3	3 658.1	4 935.9	170.1	37.2	886.9
	EAST NORTH CENTRAL DIVISION	419	157	28.6	248.9	19.3	40.0	154.6	956.7	2 812.1	3 777.0	(D)	28.8	665.8
	OHIO	163	48	6.5	55.7	4.7	9.5	36.9	225.9	784.5	1 012.7	39.1	6.8	158.7
	INDIANA	48	25	7.6	69.6	4.7	9.7	39.9	220.1	661.8	879.6	24.2	7.3	154.5
	ILLINOIS	99	50	11.1	94.4	7.7	15.8	59.9	382.7	1 090.7	1 479.3	(D)	11.3	250.4
	MICHIGAN	72	22	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.8	89.6
	WISCONSIN	37	12	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	12.5
	WEST NORTH CENTRAL DIVISION	111	54	7.7	61.9	5.5	11.1	39.4	319.6	846.1	1 158.8	(D)	8.4	221.1
	MINNESOTA	24	14	1.7	14.1	1.0	2.1	7.5	46.0	131.8	175.0	10.7	1.5	42.1
	IOWA	12	2	.2	1.3	.1	.4	.8	1.7	3.6	5.3	(Z)	(D)	(D)
	MISSOURI	32	16	1.7	13.1	1.1	2.3	8.4	59.4	140.6	200.5	2.5	2.2	45.3
	NORTH DAKOTA	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEBRASKA	5	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	31	16	3.6	29.4	2.7	5.4	20.0	179.7	504.3	679.7	10.7	4.0	115.6
	SOUTH REGION	556	231	58.6	502.9	41.8	85.0	332.3	2 653.6	8 000.2	10 566.5	495.2	62.0	1 623.8
	SOUTH ATLANTIC DIVISION	203	51	5.2	37.1	3.8	8.3	24.5	181.7	403.3	585.1	8.6	5.1	137.6
	DELAWARE	11	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	30	9	1.2	7.8	.9	2.0	5.7	19.2	40.7	60.1	.8	1.2	19.2
	VIRGINIA	22	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	28	7	.6	4.0	.5	1.1	3.2	10.9	35.6	46.2	.6	.6	8.4
	NORTH CAROLINA	18	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH CAROLINA	10	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	35	13	.9	5.5	.6	1.4	3.8	15.2	34.3	49.7	.5	.7	11.4
	FLORIDA	49	12	.8	4.4	.6	1.2	2.9	8.9	20.8	29.8	.5	.8	8.4
	EAST SOUTH CENTRAL DIVISION	96	32	3.5	25.1	2.5	5.2	16.4	143.2	535.8	673.6	63.7	2.8	67.8
	KENTUCKY	20	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	28	8	.7	4.3	.5	1.0	2.5	11.3	45.3	56.1	.8	(D)	(D)
	ALABAMA	27	12	.9	5.8	.7	1.4	4.2	18.4	39.2	58.0	(D)	.8	14.1
	MISSISSIPPI	21	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	14.6
	WEST SOUTH CENTRAL DIVISION	257	148	50.0	440.7	35.5	71.6	291.5	2 328.8	7 061.2	9 307.8	422.9	54.1	1 418.5
	ARKANSAS	22	13	1.5	10.8	1.1	2.4	7.6	39.6	108.5	148.2	1.4	1.4	25.5
	LOUISIANA	50	35	9.9	94.1	6.5	13.8	58.2	345.5	1 642.6	1 975.7	119.6	11.1	273.6
	OKLAHOMA	41	20	5.1	38.4	4.2	8.5	29.9	143.2	638.0	779.3	9.7	5.6	113.7
	TEXAS	144	80	33.4	297.4	23.7	46.8	195.8	1 800.5	4 672.0	6 404.7	292.2	36.0	1 005.7
	WEST REGION	319	123	23.2	201.8	15.9	31.9	129.5	872.6	2 662.6	3 504.4	234.2	26.6	676.1
	MOUNTAIN DIVISION	73	40	4.8	39.1	3.2	6.6	25.0	165.1	488.0	657.8	20.7	5.5	117.8
	MONTANA	11	7	.8	7.6	.6	1.4	5.3	43.5	122.7	169.4	(D)	(D)	(D)
	WYOMING	12	9	1.8	14.2	1.1	2.1	8.2	36.9	132.3	171.2	2.6	2.1	37.2
	COLORADO	17	7	.6	5.2	.4	1.0	3.4	16.0	50.4	67.4	1.6	.9	16.7
	NEW MEXICO	8	5	.4	3.1	.3	.6	2.1	14.5	48.9	63.3	(D)	.5	10.4
	UTAH	12	8	1.0	7.9	.7	1.4	5.5	50.8	129.0	178.3	4.0	1.0	25.2
	PACIFIC DIVISION	246	83	18.4	162.7	12.7	25.3	104.5	707.4	2 174.6	2 846.5	213.5	21.1	558.3
	WASHINGTON	23	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	64.0
	OREGON	16	7	.4	2.5	.2	.5	1.7	11.1	16.9	27.5	1.6	(D)	8.1
	CALIFORNIA	201	63	16.4	145.2	11.4	22.7	94.3	554.2	1 834.8	2 354.6	208.5	19.0	476.8
	HAWAII	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
291	PETROLEUM REFINING	437	287	106.7	965.0	75.6	151.6	632.2	4 745.0	15 683.7	20 293.9	956.3	119.3	3 152.6
	NORTHEAST REGION	59	30	14.7	131.6	11.0	21.8	90.2	439.3	2 128.6	2 552.7	85.7	18.5	366.3
	MIDDLE ATLANTIC DIVISION	49	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW YORK	12	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.8	176.3
	NEW JERSEY	13	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PENNSYLVANIA	24	17	9.9	85.9	7.5	14.9	59.9	256.5	1 021.1	1 268.6	51.9	11.4	165.4
	NORTH CENTRAL REGION	95	67	23.4	215.3	16.1	32.3	135.2	1 014.7	3 287.6	4 301.1	154.2	24.8	662.7
	EAST NORTH CENTRAL DIVISION	66	45	18.2	169.6	12.3	24.8	106.1	752.3	2 509.6	3 267.7	132.6	19.4	498.1
	OHIO	16	12	3.3	30.8	2.4	4.7	21.4	160.5	701.7	863.3	35.4	3.6	103.8
	INDIANA	12	10	6.3	60.5	4.0	8.2	34.8	197.6	636.7	832.2	(D)	6.6	138.2
	ILLINOIS	20	12	6.5	59.3	4.5	8.7	37.7	295.2	932.3	1 232.2	(D)	7.0	179.3
	MICHIGAN	12	8	1.9	17.4	1.2	2.9	11.1	93.4	211.0	305.9	(D)	2.0	71.7
	WISCONSIN	6	3	.2	1.6	.1	.3	1.1	5.6	27.9	34.0	(D)	.3	5.2
	WEST NORTH CENTRAL DIVISION	29	22	5.2	45.7	3.7	7.5	29.2	262.4	777.9	1 033.5	21.6	5.5	164.6
	MINNESOTA	6	4	1.0	9.7	.5	1.1	4.7	32.4	112.2	141.9	9.0	(D)	(D)
	MISSOURI	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH DAKOTA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	16	14	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.7	107.2

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
291	PETROLEUM REFINING--CONTINUED													
	SOUTH REGION	178	126	49.1	445.3	35.1	70.7	295.1	2 500.0	7 725.0	10 137.8	487.7	53.3	1 509.0
	SOUTH ATLANTIC DIVISION	20	11	1.7	15.0	1.1	2.4	8.7	119.3	296.8	415.9	(D)	1.9	93.2
	DELAWARE	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	18	13	1.8	15.5	1.3	2.8	10.2	116.5	491.7	602.8	(D)	1.5	50.7
	KENTUCKY	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSISSIPPI	7	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	12.7
	WEST SOUTH CENTRAL DIVISION	140	102	45.6	414.9	32.7	65.5	276.2	2 264.2	6 936.6	9 119.1	420.3	49.9	1 365.1
	ARKANSAS	7	7	1.0	8.4	.7	1.5	5.9	33.2	99.4	132.6	1.2	1.0	20.6
	LOUISIANA	25	22	9.0	87.5	5.7	12.2	53.8	326.9	1 586.8	1 901.2	118.6	10.0	258.5
	OKLAHOMA	25	15	4.7	36.1	3.9	7.8	28.3	139.0	628.4	765.7	9.3	5.2	109.8
	TEXAS	83	58	31.0	282.9	22.4	43.9	188.3	1 765.1	4 621.9	6 319.6	291.2	33.7	976.3
	WEST REGION	105	64	19.4	172.7	13.4	26.9	111.7	790.9	2 542.5	3 302.3	228.8	22.6	601.6
	MOUNTAIN DIVISION	39	26	4.2	34.3	2.8	5.8	22.3	156.1	473.0	633.8	20.5	4.9	111.2
	MONTANA	10	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WYOMING	9	7	1.7	13.8	1.1	2.0	8.0	36.4	131.2	169.7	2.6	(D)	(D)
	COLORADO	8	3	.4	3.0	.3	.6	2.2	12.3	44.1	57.5	1.6	.7	14.4
	NEW MEXICO	6	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH	4	4	.9	6.9	.6	1.2	4.7	49.5	126.1	174.1	3.9	.9	24.2
	PACIFIC DIVISION	66	38	15.2	138.4	10.6	21.1	89.3	634.8	2 069.5	2 668.5	208.3	17.7	490.4
	WASHINGTON	10	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	50	31	13.9	126.6	9.8	19.4	82.3	496.6	1 750.4	2 212.7	205.2	16.3	417.1
	HAWAII	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
295	PAVING AND ROOFING MATERIALS	1 098	293	26.5	186.2	19.0	40.9	124.6	455.8	723.9	1 182.4	32.6	24.3	355.6
	NORTHEAST REGION	328	71	6.2	48.0	4.6	9.8	31.8	121.2	198.5	319.5	11.7	5.9	91.9
	NEW ENGLAND DIVISION	76	17	1.5	11.0	1.1	2.3	7.2	29.3	43.9	73.0	3.8	1.6	22.4
	MASSACHUSETTS	40	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	22	4	.3	2.2	.2	.4	1.6	5.9	11.3	17.1	.9	(D)	(D)
	MIDDLE ATLANTIC DIVISION	252	54	4.7	37.0	3.5	7.6	24.6	91.8	154.6	246.5	8.0	4.3	69.5
	NEW YORK	111	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	22.7
	NEW JERSEY	47	19	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	28.7
	PENNSYLVANIA	94	20	1.8	13.5	1.3	2.8	8.8	30.3	53.1	83.9	3.5	1.3	18.1
	NORTH CENTRAL REGION	285	84	9.0	65.5	6.6	14.5	45.8	148.3	229.7	379.9	9.4	7.8	114.9
	EAST NORTH CENTRAL DIVISION	238	69	7.7	56.4	5.6	12.3	39.5	129.3	196.9	327.7	8.3	6.5	97.1
	OHIO	108	21	2.3	17.8	1.8	4.0	12.7	43.1	60.6	104.4	2.7	2.2	36.2
	INDIANA	31	14	1.1	7.0	.7	1.4	4.9	15.7	18.5	34.0	1.1	.6	10.7
	ILLINOIS	49	26	3.6	26.1	2.7	5.8	18.1	57.3	100.4	158.6	3.0	3.0	41.3
	MICHIGAN	35	7	.6	4.8	.4	.9	3.3	11.8	15.8	27.6	1.3	.6	9.0
	WEST NORTH CENTRAL DIVISION	47	15	1.3	9.1	1.0	2.2	6.3	19.0	32.8	52.2	1.1	1.3	17.8
	MINNESOTA	14	6	.5	3.5	.4	.8	2.2	7.3	14.0	21.2	(D)	.5	6.4
	MISSOURI	13	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	8.7
	SOUTH REGION	316	92	8.2	48.9	5.8	12.5	32.1	129.1	203.1	332.3	6.4	7.3	92.3
	SOUTH ATLANTIC DIVISION	165	34	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.9	39.3
	MARYLAND	24	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	20	1	.2	1.2	.2	.4	1.0	3.7	4.8	8.6	.4	.2	2.9
	WEST VIRGINIA	23	4	.3	1.7	.2	.4	1.3	3.7	6.7	10.3	.3	.2	2.8
	NORTH CAROLINA	17	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.1
	SOUTH CAROLINA	9	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	24	8	.6	4.0	.5	1.1	2.9	10.6	24.6	35.6	.4	.5	8.3
	FLORIDA	40	10	.6	3.6	.5	1.0	2.4	8.4	16.1	24.6	.5	.7	7.2
	EAST SOUTH CENTRAL DIVISION	70	19	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	16.1
	KENTUCKY	15	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	1.3
	TENNESSEE	25	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	4.9
	ALABAMA	18	7	.6	3.8	.5	1.0	2.7	11.4	17.0	28.9	(D)	.5	8.4
	MISSISSIPPI	12	2	.2	1.2	.2	.4	.9	3.2	4.4	7.5	.3	.5	1.6
	WEST SOUTH CENTRAL DIVISION	81	39	3.4	19.3	2.2	4.7	11.3	47.7	66.3	113.7	1.9	3.3	37.3
	ARKANSAS	12	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LOUISIANA	17	10	.6	3.3	.4	.9	2.4	8.5	15.2	23.7	.5	.7	7.9
	OKLAHOMA	12	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	40	19	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	22.4
	WEST REGION	169	46	3.0	23.8	2.0	4.1	14.9	57.3	92.6	150.7	5.0	3.3	56.7
	MOUNTAIN DIVISION	32	13	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	6.3
	COLORADO	9	4	.3	2.2	.2	.4	1.1	3.7	6.2	10.0	(Z)	.2	2.4
	UTAH	8	4	.2	1.0	.1	.2	.7	1.3	2.9	4.2	.1	.1	1.0
	PACIFIC DIVISION	137	33	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.8	50.4
	WASHINGTON	11	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OREGON	12	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	4.4
	CALIFORNIA	111	20	1.8	13.9	1.2	2.5	9.4	36.8	59.8	96.9	(D)	2.1	40.7

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
299	MISC. PETROLEUM AND COAL PRODUCTS	345	124	8.4	64.9	4.8	9.6	29.6	225.1	340.8	567.1	10.3	9.9	220.1
	NORTHEAST REGION	88	38	2.5	21.1	1.3	2.6	8.7	62.9	100.4	164.4	2.3	3.3	67.1
	NEW ENGLAND DIVISION	11	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	77	35	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.1	62.2
	NEW YORK	25	8	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW JERSEY	23	12	.7	5.8	.4	.8	2.9	11.6	43.8	56.5	(D)	1.3	33.3
	PENNSYLVANIA	29	15	1.2	11.0	.6	1.1	3.9	24.5	34.1	58.5	1.4	1.4	22.6
	NORTH CENTRAL REGION	150	60	3.9	30.0	2.1	4.3	12.9	113.3	140.8	254.9	6.5	4.6	109.3
	EAST NORTH CENTRAL DIVISION	115	43	2.8	22.8	1.4	2.8	9.0	75.1	105.5	181.7	(D)	(D)	(D)
	OHIO	39	15	.9	7.1	.5	.8	2.7	22.4	22.2	44.9	1.1	1.1	18.7
	INDIANA	5	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	5.7
	ILLINOIS	30	12	1.0	8.9	.6	1.2	4.1	30.2	58.0	88.5	(D)	1.3	29.7
	MICHIGAN	25	7	.3	2.6	.2	.3	1.1	9.2	11.1	20.2	(D)	.3	9.9
	WISCONSIN	16	8	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	6.6
	WEST NORTH CENTRAL DIVISION	35	17	1.1	7.1	.7	1.4	3.9	38.2	35.3	73.2	(D)	(D)	(D)
	MISSOURI	17	7	.5	3.3	.3	.5	1.6	17.2	15.5	32.6	.4	(D)	(D)
	KANSAS	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	62	13	1.3	8.6	.9	1.8	5.1	24.5	72.1	96.4	1.1	1.3	22.0
	SOUTH ATLANTIC DIVISION	18	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	5.1
	WEST SOUTH CENTRAL DIVISION	36	7	.9	6.4	.6	1.4	3.9	17.0	58.3	75.0	.7	.9	16.0
	LOUISIANA	8	3	.4	3.2	.3	.7	2.0	10.1	40.5	50.7	.5	.4	7.2
	OKLAHOMA	4	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	21	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	6.9
	WEST REGION	45	13	.7	5.2	.5	.9	2.9	24.4	27.5	51.4	.4	.7	21.6
	PACIFIC DIVISION	43	12	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	21.4
	CALIFORNIA	40	12	.6	4.7	.4	.8	2.6	20.8	24.6	45.0	(D)	.7	18.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. X Not applicable. NA Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TABLE 3. Detailed Statistics: 1967

Item	Petroleum and coal products (SIC 29)	Petroleum refining (SIC 291)	Paving and roofing materials (SIC 295)	Miscellaneous petroleum and coal products (SIC 299)
ESTABLISHMENTS, TOTAL ..... NUMBER	1 880	437	1 098	345
WITH 1 TO 19 EMPLOYEES ..... DO	1 176	150	805	221
WITH 20 TO 99 EMPLOYEES ..... DO	442	98	232	112
WITH 100 EMPLOYEES OR MORE ..... DO	262	189	61	12
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	141.7	106.7	26.5	8.4
PAYROLL FOR YEAR, ALL EMPLOYEES ..... MILLION DOLLARS	1 216.1	965.0	186.2	64.9
PRODUCTION WORKERS:				
AVERAGE FOR YEAR 1,000	99.2	75.6	19.0	4.8
MARCH ..... DO	95.7	74.8	16.0	4.8
MAY ..... DO	99.6	75.4	19.4	4.8
AUGUST ..... DO	103.2	77.2	21.3	4.8
NOVEMBER ..... DO	98.7	74.9	19.1	4.7
MAN-HOURS ..... MILLIONS	202.1	151.6	40.9	9.6
JANUARY-MARCH ..... DO	47.5	36.9	8.1	2.4
APRIL-JUNE ..... DO	51.7	38.6	10.7	2.4
JULY-SEPTEMBER ..... DO	52.5	38.1	12.0	2.4
OCTOBER-DECEMBER ..... DO	50.5	38.1	10.1	2.4
WAGES ..... MILLION DOLLARS	786.3	632.2	124.6	29.6
COST OF MATERIALS, ETC., TOTAL[1] ..... DO	16 748.4	15 683.7	723.9	340.8
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED ..... DO	15 464.8	14 540.9	619.2	304.6
COST OF RESALES ..... DO	742.1	652.5	61.4	28.2
FUELS CONSUMED ..... DO	322.4	294.1	24.9	3.5
PURCHASED ELECTRIC ENERGY ..... DO	134.5	122.8	10.2	1.6
CONTRACT WORK ..... DO	84.6	73.4	8.3	2.8
VALUE OF SHIPMENTS, INCLUDING RESALES[1] ..... DO	22 043.4	20 293.9	1 182.4	567.1
VALUE OF RESALES ..... DO	802.8	688.5	76.4	37.9
VALUE ADDED BY MANUFACTURE ..... DO	5 425.9	4 745.0	455.8	225.1
MANUFACTURERS' INVENTORIES:				
BEGINNING OF YEAR, TOTAL ..... DO	1 860.9	1 730.8	63.9	66.1
FINISHED PRODUCTS ..... DO	1 082.8	1 021.3	32.3	29.2
WORK IN PROCESS ..... DO	384.2	377.6	2.8	3.8
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	393.8	331.9	28.9	33.1
END OF YEAR, TOTAL ..... DO	2 029.6	1 904.3	62.1	63.3
FINISHED PRODUCTS ..... DO	1 184.5	1 126.6	30.1	27.9
WORK IN PROCESS ..... DO	413.4	407.1	2.3	4.0
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	431.7	370.6	29.7	31.5
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL ..... DO	1 014.2	967.3	36.3	10.7
NEW PLANT AND EQUIPMENT, TOTAL ..... DO	999.3	956.3	32.6	10.3
NEW STRUCTURES AND ADDITIONS TO PLANT ..... DO	560.3	547.8	9.5	3.1
NEW MACHINERY AND EQUIPMENT ..... DO	438.9	408.6	23.1	7.3
USED PLANT AND EQUIPMENT ..... DO	14.8	10.9	3.6	.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

PETROLEUM AND COAL PRODUCTS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2911--Petroleum Refining
2951--Paving Mixtures and Blocks
2952--Asphalt Felts and Coatings
2992--Lubricating Oils and Greases
2999--Products of Petroleum and Coal, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2911--PETROLEUM REFINING

This industry comprises establishments primarily engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants, and other products from crude petroleum and its fractionation products through straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking or other processes. Establishments primarily engaged in producing natural gasoline from natural gas are classified in mining industries. For a detailed list of products of industry 2911, refer to table 6A, product codes 2911111 to 2911951.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Petroleum Refining Industry in 1967 totaled $20,293.9 million. This included shipments of petroleum refinery products (primary products), valued at $19,147.9 million, shipments of other products (secondary products) valued at $374.0 million, and miscellaneous receipts of $772.0 million.

This industry's shipments of petroleum refinery products (primary products) in 1967 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 98 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial organic chemicals ($130 million), and cyclic intermediate chemicals ($61 million).

Industry 2911 shipments of petroleum refinery products (primary products) in 1967 represented 97 percent (coverage ratio) of these products valued at $19,691.9 million shipped by all industries. In 1963, the coverage ratio was 97 percent.

Lubricating oils, lubricating oil base stocks, and lubricating greases are not only produced by petroleum refineries but are also produced from purchased materials by plants blending and compounding lubricants and classified in industry 2992, Lubricating Oils and Greases. Plants classified in industries 2911 and 2992 shipped substantially all of the lubricating oils and greases valued at $1,327.0 million, with industry 2911 accounting for 67 percent.

Oils are frequently transferred from one refinery to another for further processing and blending. This introduces some duplications in the "Value of products shipped" by the Petroleum Refining Industry, as shown in tables 1, 2, 3, 4, and 5. To eliminate duplication in the statistics for individual products, figures were collected on the amount of oil received by refineries during the year. Net (unduplicated) shipments were calculated, for the United States as a whole, by subtracting "Receipts" from the quantity shipped (see table 6A). These net shipments represent the quantity of petroleum products made available for consumption by the "Petroleum Refining" and "Lubricating Oils and Greases" Industries.

Industry 2911 also includes establishments primarily engaged in the production of petroleum based chemicals (petrochemicals). Detailed product statistics for liquefied refinery gases used as chemical raw material were not collected since these data are reported to the United States Tariff Commission and published in the report "Synthetic Organic Chemicals, United States Production and Sales."

Unlike most manufacturing industries where the receipts for contract work are reported as such, plants in industry 2911 processing oil on a contract basis for other companies were requested to report the commercial cost of all materials received and the market values, f.o.b. plant, for the products shipped.

Petroleum product statistics shown in this report are not directly comparable with the Bureau of Mines figures published in the Mineral Yearbook. The census of manufactures collects data on shipments, whereas the Bureau of Mines figures are in terms of "output" (production).

Data showing net shipments of gas liquids and related products covered in the 1967 economic censuses appear in the reports for the 1967 Census of Mineral Industries. Table 7A contains data showing the consumption of selected materials. Other data relating to "inputs" of materials appear as "receipts" in table 6A.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2911, these establishments accounted for approximately 0.01 percent of payroll and value added by manufacture.

2951--PAVING MIXTURES AND BLOCKS

This industry comprises establishments primarily engaged in manufacturing asphalt and tar paving mixtures; and paving blocks made of asphalt, creosoted wood, and various compositions of asphalt or tar with other materials. Establishments primarily engaged in manufacturing brick, concrete, granite, and stone paving blocks are classified in major group 32. For a detailed list of products of industry 2951, refer to table 6A, product codes 2951011 to 2951098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Paving Mixtures and Blocks Industry in 1967 totaled $584.6 million. This included shipments of paving mixtures and blocks (primary products), valued at $505.4 million, shipments of other products (secondary products) valued at $39.3 million, and miscellaneous receipts of $39.9 million.

This industry's shipments of paving mixtures and blocks (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 92 percent. Secondary products shipped by this industry in 1967 consisted mainly of ready-mixed concrete ($11.5 million), and sand and gravel ($7.0 million).

Industry 2951 shipments of paving mixtures and blocks (primary products) in 1967 represented 95 percent (coverage ratio) of these products valued at $529.6 million shipped by all industries. In 1963, the coverage ratio was 89 percent. Other industries shipping paving mixtures and blocks (primary products) consisted mainly of industry 3273, Ready-Mixed Concrete, $12.9 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2951, these establishments accounted for 3.0 percent of payroll and value added by manufacture.

2952--ASPHALT FELTS AND COATINGS

This industry comprises establishments primarily engaged in manufacturing asphalt and other saturated roofing felts in roll or shingle form, either smooth or faced with grit, and in manufacturing roofing cements and coatings. Establishments primarily engaged in manufacturing paint are classified in industry 2851. For a detailed list of products of industry 2952, refer to table 6A, product codes 2952111 to 2952398.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Asphalt Felts and Coatings Industry in 1967 totaled $597.8 million. This included shipments of asphalt felts and coatings (primary products), valued at $492.8 million, shipments of other products (secondary products) valued at $48.2 million, and miscellaneous receipts of $56.8 million.

This industry's shipments of asphalt felts and coatings (primary products) in 1967 represented 91 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 90 percent. Secondary products shipped by this industry in 1967 consisted mainly of asbestos products ($20.6 million).

Industry 2952 shipments of asphalt felts and coatings (primary products) in 1967 represented 95 percent (coverage ratio) of these products valued at $519.4 million shipped by all industries. In 1963, the coverage ratio was 92 percent. Other industries shipping asphalt felts and coatings (primary products) consisted mainly of industry 2851, Paints and Allied Products, $5.4 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other

Government agencies and the remaining statistics estimated from industry averages. For industry 2952, these establishments accounted for approximately 2.0 percent of payroll and value added by manufacture.

2992--LUBRICATING OILS AND GREASES

This industry comprises establishments primarily engaged in blending and compounding lubricating oils and greases from purchased mineral, animal and vegetable materials. Petroleum refineries engaged in the production of lubricating oils and greases are classified in industry 2911. For a detailed list of products of industry 2992, refer to table 6A, product codes 2992000 to 2992031.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Lubricating Oils and Greases Industry in 1967 totaled $487.3 million. This included shipments of lubricating oils and greases (primary products), valued at $425.7 million, shipments of other products (secondary products) valued at $25.3 million, and miscellaneous receipts of $36.3 million.

This industry's shipments of lubricating oils and greases (primary products) in 1967 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 91 percent. Secondary products shipped by this industry in 1967 consisted mainly of chemical preparations, n.e.c., ($5.7 million).

Industry 2992 shipments of lubricating oils and greases (primary products) in 1967 represented 32 percent (coverage ratio) of these products valued at $1,327.0 million shipped by all industries. In 1963, the coverage ratio was 33 percent. However, lubricating oils and greases are also primary to industry 2911, Petroleum Refining. A coverage ratio computed on the basis of including both industries to which lubricating oils and greases are primary would total 99 percent in 1967. Lubricating oils and greases (primary products) shipped by industry 2911, Petroleum Refining, totaled $883.7 million. Other industries shipping lubricating oils and greases consisted mainly of industry 2841, Soap and Detergents, $3.5 million; and industry 2899, Chemical Preparations, N.E.C., $3.9 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2992, these establishments accounted for approximately 2.0 percent of payroll and 1.5 percent of value added by manufacture

2999--PRODUCTS OF PETROLEUM AND COAL, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing fuel briquettes, boulets, packaged fuel, powdered fuel, and other products of petroleum and coal, not elsewhere classified. For a detailed list of products of industry 2999, refer to table 6A, product codes 2999015 to 2999098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Petroleum and Coal Products, N.E.C., Industry in 1967 totaled $79.8 million. This included shipments of petroleum and coal products, n.e.c. (primary products), valued at $73.5 million, shipments of other products (secondary products) valued at $.4 million, and miscellaneous receipts of $5.9 million.

This industry's shipments of petroleum and coal products, n.e.c. (primary products) in 1967 represented 99 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 96 percent.

Industry 2999 shipments of petroleum and coal products, n.e.c. (primary products) in 1967 represented 92 percent (coverage ratio) of these products valued at $79.6 million shipped by all industries. In 1963, the coverage ratio was 91 percent.

The figures for fuel briquets and packaged fuel appearing in this report exclude the quantities and amounts shipped by establishments producing wood charcoal briquets (industry 2861) as well as establishments classified in nonmanufacturing industries. They, therefore, differ from the figures published by the Bureau of Mines, United States Department of Interior, in the Minerals Yearbook which includes data for nonmanufacturing establishments such as retail or wholesale coal yards and public utilities which produce some fuel briquets as a secondary activity. The census figures for fuel briquets also include information for briquets made from charcoal and sawdust, data for which are omitted by the Bureau of Mines.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 2999, these establishments accounted for approximately 3.0 percent of payroll and 2.0 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 2911.--PETROLEUM REFINING														
1967 Census....	437	287	106.7	965.0	75.6	151.6	632.2	4,745.0	15,683.7	20,293.9	956.3	1,904.3	98	97
1966 ASM[1].....	(NA)	(NA)	105.5	897.3	75.5	149.9	597.5	4,099.2	14,640.9	18,758.7	630.7	1,718.3	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	108.7	887.4	78.1	153.8	592.8	3,493.3	14,001.4	17,500.9	565.3	1,680.0	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	113.8	905.9	81.6	162.1	605.0	3,192.2	13,606.3	16,802.4	384.3	1,678.4	(NA)	(NA)
1963 Census....	427	297	r118.3	922.3	r85.2	166.4	614.3	r3,138.2	13,367.3	r16,497.5	385.1	1,695.5	98	97
1962 ASM[1].....	(NA)	(NA)	122.9	906.6	87.8	173.3	603.0	2,965.5	12,979.5	15,914.1	433.3	1,712.1	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	128.7	937.1	92.4	182.2	629.6	2,929.2	12,734.2	15,618.6	459.3	1,652.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	134.9	935.8	97.3	192.4	635.2	2,773.4	12,713.4	15,505.1	455.5	1,604.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	137.1	944.3	100.1	196.0	645.1	2,458.2	12,621.9	15,090.1	407.7	1,643.0	(NA)	(NA)
1958 Census[2]...	446	313	146.0	944.3	106.9	207.6	648.3	2,119.4	12,249.4	14,539.1	656.8	1,572.9	98	98
INDUSTRY 2951.--PAVING MIXTURES AND BLOCKS														
1967 Census....	872	155	12.2	90.0	8.5	18.0	58.4	234.7	350.1	584.6	23.8	19.7	93	95
1966 ASM[1].....	(NA)	(NA)	10.4	70.5	7.7	14.9	46.9	185.9	293.6	479.2	20.1	14.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	10.1	67.5	7.4	15.9	44.7	183.6	279.6	461.9	19.9	14.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	9.9	64.2	6.8	15.1	41.3	160.7	283.8	442.6	13.5	13.4	(NA)	(NA)
1963 Census....	762	127	9.7	62.1	6.7	15.1	40.0	165.6	261.8	427.5	15.1	12.1	92	89
1962 ASM[1].....	(NA)	(NA)	*8.3	*52.2	*6.2	*14.0	*34.9	*145.0	*199.2	*344.8	*17.1	*7.3	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	*8.2	*49.8	*6.2	*13.8	*34.6	*124.7	*187.1	*314.9	*13.2	*6.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	*7.9	*46.5	*6.0	*13.1	*32.3	*131.4	*172.5	*304.0	*11.7	*5.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	*8.1	*44.4	*6.0	*12.1	*28.5	*112.9	*151.0	*265.7	*10.7	*4.9	(NA)	(NA)
1958 Census[2]...	563	89	7.8	42.0	5.8	11.7	28.1	112.5	154.9	267.7	9.9	9.1	94	85
INDUSTRY 2952.--ASPHALT FELTS AND COATINGS														
1967 Census....	226	138	14.4	96.3	10.4	22.9	66.2	221.1	373.8	597.8	8.8	42.4	91	95
1966 ASM[1].....	(NA)	(NA)	14.7	91.3	10.7	23.0	65.8	226.3	366.1	589.4	9.6	48.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	14.7	89.2	11.0	23.5	65.3	219.0	364.3	585.0	10.9	42.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	14.6	87.1	10.9	23.8	61.3	207.2	364.7	573.4	8.7	44.3	(NA)	(NA)
1963 Census....	230	140	14.6	82.5	10.9	23.0	57.3	190.0	339.0	527.6	7.0	43.0	90	92
1962 ASM[1].....	(NA)	(NA)	*13.3	*78.5	*9.5	*20.4	*54.5	*180.1	*313.8	*494.1	*21.8	*39.3	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	*13.1	*74.0	*9.4	*19.6	*51.1	*184.0	*296.3	*474.9	*7.8	*39.4	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	*17.3	*97.9	*13.6	*27.9	*70.4	*242.8	*310.6	*555.6	*13.1	*35.5	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	*15.2	*80.4	*11.4	*24.3	*56.9	*178.8	*317.0	*495.3	*6.8	*38.4	(NA)	(NA)
1958 Census[2]...	209	128	15.5	77.4	11.5	24.0	54.0	156.5	304.4	460.1	6.6	37.4	90	92
INDUSTRY 2992.--LUBRICATING OILS AND GREASES														
1967 Census....	298	109	7.3	58.0	3.9	7.9	24.3	200.7	284.6	487.3	8.5	53.3	94	32
1966 ASM[1].....	(NA)	(NA)	8.0	62.4	4.3	8.4	26.5	220.4	309.1	527.4	7.7	57.3	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	7.9	56.8	4.3	8.7	25.4	212.9	285.8	498.9	*7.0	52.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	8.6	60.9	4.9	10.1	29.1	197.2	265.8	466.8	*5.3	50.5	(NA)	(NA)
1963 Census....	353	108	8.4	57.9	4.7	9.8	27.0	199.1	273.8	471.2	4.7	52.0	91	33
1962 ASM[1].....	(NA)	(NA)	*6.8	*45.7	*4.0	*8.8	*21.7	*114.6	*222.6	*336.4	*2.5	*39.5	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	*6.6	*44.0	*3.8	*8.8	*20.4	*107.0	*207.7	*316.3	*10.0	*39.2	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	*7.8	*50.5	*4.8	*10.3	*24.4	*128.4	*221.0	*349.1	*3.3	*42.9	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	7.9	47.9	4.7	10.2	22.8	115.1	215.0	329.0	4.9	*40.4	(NA)	(NA)
1958 Census[2]...	306	90	7.6	42.3	4.5	8.6	20.4	103.1	177.5	281.4	7.2	36.8	86	35
INDUSTRY 2999.--PETROLEUM AND COAL PRODUCTS, N.E.C.														
1967 Census....	47	15	1.1	6.9	0.8	1.7	5.2	24.4	56.2	79.8	1.8	10.0	99	92
1966 ASM[1].....	(NA)	(NA)	1.2	6.7	0.9	1.8	5.0	22.0	42.7	65.0	0.6	12.9	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	1.1	6.6	0.8	1.7	4.5	22.6	42.5	64.6	0.4	15.3	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	1.5	9.0	1.2	2.4	6.5	23.1	49.5	72.1	0.7	16.4	(NA)	(NA)
1963 Census....	67	17	1.5	9.0	1.2	2.4	6.5	21.0	49.6	71.5	1.8	15.3	96	91
1962 ASM[1].....	(NA)	(NA)	*3.0	*14.0	*2.5	*4.8	*10.1	*33.8	*71.3	*103.2	*4.6	*23.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	*3.0	*13.2	*2.5	*4.5	*9.4	*37.2	*68.1	*102.6	*4.6	*22.1	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	*3.1	*15.3	*2.5	*6.1	*10.9	*32.5	*68.1	*99.7	*1.3	*21.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	*2.5	*11.0	*2.1	*3.9	*8.1	*29.2	*49.9	*78.6	*1.9	*18.9	(NA)	(NA)
1958 Census[2]...	84	33	2.3	10.5	1.8	3.4	7.6	26.9	48.7	74.9	1.3	19.6	95	96

Note: In 1967, 1963, and 1958, the number of companies in industry 2911 was 276, 266, and 289, respectively; in industry 2951: 553, 528, and 415; industry 2952: 115, 126, and 119: industry 2992: 256, 311, and 284; industry 2999: 38, 59, and 74. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. *These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 2911.--PETROLEUM REFINING								
1967 Census	9,047	71	2,005	4.17	.77	.82	44,487	20	31.30
1966 ASM	8,421	72	1,965	3.99	.78	.83	38,315	22	27.23
1965 ASM	8,093	72	1,953	3.85	.80	.85	32,195	25	22.95
1964 ASM	7,962	72	1,986	3.73	.81	.86	28,057	28	19.69
1963 Census	7,731	72	1,937	3.69	.81	.87	26,301	29	18.85
1962 ASM	7,374	71	1,974	3.48	.82	.87	24,121	31	17.11
1961 ASM	7,281	72	1,972	3.46	.82	.88	22,759	32	16.08
1960 ASM	6,939	72	1,978	3.30	.82	.88	20,564	34	14.42
1959 ASM	6,886	73	1,959	3.29	.84	.90	17,926	38	12.54
1958 Census	6,467	73	1,942	3.12	.84	.91	14,514	45	10.21
	INDUSTRY 2951.--PAVING MIXTURES AND BLOCKS								
1967 Census	7,401	70	2,103	3.25	.60	.75	19,309	38	13.06
1966 ASM	6,792	74	1,930	3.14	.61	.76	17,912	38	12.47
1965 ASM	6,698	74	2,148	2.80	.61	.75	18,224	37	11.53
1964 ASM	6,507	69	2,230	2.73	.64	.79	16,280	40	10.64
1963 Census	6,412	70	2,235	2.65	.61	.76	17,106	37	10.98
1962 ASM	6,313	75	2,263	2.50	.58	.73	17,548	36	10.37
1961 ASM	6,053	76	2,210	2.51	.59	.75	15,167	40	9.04
1960 ASM	5,863	76	2,166	2.47	.57	.72	16,567	35	10.06
1959 ASM	5,469	74	2,032	2.34	.57	.74	13,915	39	9.30
1958 Census	5,390	75	2,011	2.40	.58	.74	14,435	37	9.61
	INDUSTRY 2952.--ASPHALT FELTS AND COATINGS								
1967 Census	6,706	73	2,200	2.89	.63	.79	15,400	44	9.64
1966 ASM	6,225	73	2,141	2.86	.62	.78	15,437	40	9.84
1965 ASM	6,076	75	2,141	2.77	.62	.78	14,921	41	9.30
1964 ASM	5,946	74	2,186	2.57	.64	.79	14,149	42	8.69
1963 Census	5,656	75	2,115	2.49	.64	.80	13,029	43	8.24
1962 ASM	5,899	72	2,142	2.67	.64	.79	13,542	44	8.84
1961 ASM	5,647	72	2,080	2.60	.62	.78	14,046	40	9.37
1960 ASM	5,647	79	2,045	2.53	.56	.74	14,009	40	8.71
1959 ASM	5,279	75	2,130	2.34	.64	.80	11,748	45	7.36
1958 Census	4,990	74	2,080	2.25	.66	.83	10,083	49	6.52
	INDUSTRY 2992.--LUBRICATING OILS AND GREASES								
1967 Census	7,905	54	1,996	3.10	.58	.70	27,337	29	25.54
1966 ASM	7,767	53	1,962	3.16	.59	.70	27,448	28	26.26
1965 ASM	7,201	55	1,998	2.93	.57	.69	27,008	27	24.53
1964 ASM	7,087	58	2,043	2.88	.57	.70	22,944	31	19.52
1963 Census	6,871	56	2,080	2.76	.58	.70	23,607	29	20.36
1962 ASM	6,740	59	2,193	2.48	.66	.80	16,888	40	13.06
1961 ASM	6,715	58	2,296	2.32	.66	.80	16,321	41	12.17
1960 ASM	6,444	61	2,165	2.30	.63	.78	16,406	39	12.42
1959 ASM	6,063	59	2,169	2.24	.65	.80	14,552	42	11.32
1958 Census	5,596	59	1,915	2.38	.63	.78	13,621	41	12.00
	INDUSTRY 2999.--PETROLEUM COAL PRODUCTS, N.E.C.								
1967 Census	6,358	78	2,067	2.99	.70	.79	22,579	28	13.96
1966 ASM	5,791	76	2,023	2.79	.66	.76	19,096	30	12.36
1965 ASM	6,141	79	2,011	2.65	.66	.76	21,063	29	13.23
1964 ASM	6,159	78	2,096	2.70	.69	.81	15,702	39	9.54
1963 Census	5,992	79	2,012	2.72	.69	.82	14,039	43	8.86
1962 ASM	4,677	83	1,929	2.10	.69	.83	11,319	41	7.05
1961 ASM	4,375	82	1,824	2.08	.66	.79	12,324	36	8.22
1960 ASM	4,923	80	2,466	1.79	.68	.84	10,461	47	5.32
1959 ASM	4,381	82	1,886	2.09	.64	.78	11,607	38	7.52
1958 Census	4,663	78	1,956	2.20	.65	.79	11,925	39	7.81

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2911-- PETROLEUM REFINING													
UNITED STATES	437	287	106.7	965.0	75.6	151.6	632.2	4 745.0	15 683.7	20 293.9	956.3	118.3	3 138.2
NORTHEAST REGION	59	30	14.7	131.6	11.0	21.8	90.2	439.3	2 128.6	2 552.7	85.7	18.5	366.3
MIDDLE ATLANTIC DIVISION	49	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	12	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
NEW JERSEY	13	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.8	176.3
PENNSYLVANIA	24	17	9.9	85.9	7.5	14.9	59.9	256.5	1 021.1	1 268.6	51.9	11.4	165.4
NORTH CENTRAL REGION	95	67	23.4	215.3	16.1	32.3	135.2	1 014.7	3 287.6	4 301.1	154.2	24.8	662.7
EAST NORTH CENTRAL DIVISION	66	45	18.2	169.6	12.3	24.8	106.1	752.3	2 509.6	3 267.7	132.6	19.4	498.1
OHIO	16	12	3.3	30.8	2.4	4.7	21.4	160.5	701.7	863.3	35.4	3.6	103.8
INDIANA	12	10	6.3	60.5	4.0	8.2	34.8	197.6	636.7	832.2	(D)	6.6	138.2
ILLINOIS	20	12	6.5	59.3	4.5	8.7	37.7	295.2	932.3	1 232.2	(D)	7.0	179.3
MICHIGAN	12	8	1.9	17.4	1.2	2.9	11.1	93.4	211.0	305.9	(D)	2.0	71.7
WISCONSIN	6	3	.2	1.6	.1	.3	1.1	5.6	27.9	34.0	(D)	.3	5.2
WEST NORTH CENTRAL DIVISION	29	22	5.2	45.7	3.7	7.5	29.2	262.4	777.9	1 033.5	21.6	5.5	164.6
MINNESOTA	6	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MISSOURI	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
NORTH DAKOTA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
KANSAS	16	14	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.7	107.2
SOUTH REGION	178	126	49.1	445.3	35.1	70.7	295.1	2 500.0	7 725.0	10 137.8	487.7	53.3	1 509.0
SOUTH ATLANTIC DIVISION	20	11	1.7	15.0	1.1	2.4	8.7	119.3	296.8	415.9	(D)	1.9	93.2
DELAWARE	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MARYLAND	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
VIRGINIA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST VIRGINIA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
EAST SOUTH CENTRAL DIVISION	18	13	1.8	15.5	1.3	2.8	10.2	116.5	491.7	602.8	(D)	1.5	50.7
KENTUCKY	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
TENNESSEE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
ALABAMA	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MISSISSIPPI	7	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	12.7
WEST SOUTH CENTRAL DIVISION	140	102	45.6	414.9	32.7	65.5	276.2	2 264.2	6 936.6	9 119.1	420.3	49.9	1 365.1
ARKANSAS	7	7	1.0	8.4	.7	1.5	5.9	33.2	99.4	132.6	1.2	1.0	20.6
LOUISIANA	25	22	9.0	87.5	5.7	12.2	53.8	326.9	1 586.8	1 901.2	118.6	10.0	258.5
OKLAHOMA	25	15	4.7	36.1	3.9	7.8	28.3	139.0	628.4	765.7	9.3	5.2	109.8
TEXAS	83	58	31.0	282.9	22.4	43.9	188.3	1 765.1	4 621.9	6 319.6	291.2	33.7	976.8
WEST REGION	105	64	19.4	172.7	13.4	26.9	111.7	790.9	2 542.5	3 302.3	228.8	21.6	600.1
MOUNTAIN DIVISION	39	26	4.2	34.3	2.8	5.8	22.3	156.1	473.0	633.8	20.5	4.9	111.2
MONTANA	10	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WYOMING	9	7	1.7	13.8	1.1	2.0	8.0	36.4	131.2	169.7	2.6	(2)	(2)
COLORADO	8	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	14.4
NEW MEXICO	6	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
UTAH	4	4	.9	6.9	.6	1.2	4.7	49.5	126.1	174.1	3.9	.9	24.2
PACIFIC DIVISION	66	38	15.2	138.4	10.6	21.1	89.3	634.8	2 069.5	2 668.5	208.3	16.7	488.9
WASHINGTON	10	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
CALIFORNIA	50	31	13.9	126.6	9.8	19.4	82.3	496.6	1 750.4	2 212.7	205.2	15.3	417.7
HAWAII	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
2951-- PAVING MIXTURES AND BLOCKS													
UNITED STATES	872	155	12.2	90.0	8.5	18.0	58.4	234.7	350.1	584.6	23.8	9.7	165.6
NORTHEAST REGION	284	44	3.7	29.3	2.6	5.5	18.4	79.5	119.4	198.9	9.9	3.0	54.7
NEW ENGLAND DIVISION	66	11	.9	7.2	.6	1.2	4.3	20.8	28.5	49.0	3.4	.9	15.2
MASSACHUSETTS	33	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	9.9
CONNECTICUT	19	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	3.5
MIDDLE ATLANTIC DIVISION	218	33	2.7	22.1	1.9	4.2	14.0	58.7	90.9	149.8	6.4	2.1	39.5
NEW YORK	105	13	1.1	8.9	.8	1.8	6.3	27.0	39.6	66.5	(D)	1.0	21.1
NEW JERSEY	33	7	.6	4.8	.4	.8	2.7	14.5	21.5	36.0	(D)	.4	10.0
PENNSYLVANIA	80	13	1.1	8.4	.8	1.6	5.1	17.3	29.7	47.3	3.1	.6	8.3
NORTH CENTRAL REGION	220	42	3.4	25.6	2.3	4.8	16.6	59.2	89.9	149.0	6.2	2.4	43.9
EAST NORTH CENTRAL DIVISION	188	36	3.0	22.5	1.9	4.2	14.4	53.1	82.1	135.3	5.9	2.1	36.6
OHIO	94	13	.9	7.4	.7	1.5	5.0	19.7	36.5	56.5	1.9	.8	14.7
INDIANA	24	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	6.2
ILLINOIS	24	6	.6	5.2	.4	.8	2.8	11.1	19.3	30.2	1.6	.5	7.8
MICHIGAN	31	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	7.2
WEST NORTH CENTRAL DIVISION	32	6	.4	3.2	.3	.6	2.2	6.1	7.8	13.8	.3	.4	7.3
SOUTH REGION	241	43	3.5	21.3	2.8	5.9	15.3	59.7	92.4	152.4	4.3	2.7	35.7
SOUTH ATLANTIC DIVISION	134	19	1.9	11.9	1.5	3.2	8.8	32.1	49.6	82.3	(D)	1.7	20.9
MARYLAND	21	3	.7	5.0	.6	1.4	3.9	13.2	17.9	31.1	(D)	.6	8.0
VIRGINIA	20	1	.2	1.2	.2	.4	1.0	3.7	4.8	8.6	.4	(2)	(2)
WEST VIRGINIA	21	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
GEORGIA	17	2	.2	.9	.1	.2	.6	1.6	6.4	8.4	.1	(2)	(2)
FLORIDA	27	7	.4	2.3	.3	.6	1.5	4.9	8.7	13.7	.4	.5	5.2

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2951-- PAVING MIXTURES AND BLOCKS--CON.													
SOUTH REGION--CON.													
EAST SOUTH CENTRAL DIVISION	59	11	.7	4.4	.5	.9	2.5	14.0	21.9	35.7	(D)	.5	9.5
KENTUCKY	14	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2]	[2]
TENNESSEE	20	5	.2	1.5	.1	.2	.7	4.9	7.5	12.2	.3	[2]	[2]
ALABAMA[c]	14	3	.2	1.0	.1	.3	.7	4.7	5.0	9.8	(D)	.2	5.0
WEST SOUTH CENTRAL DIVISION	48	13	.9	5.0	.8	1.7	4.1	13.6	20.9	34.4	1.1	.5	5.3
LOUISIANA	10	4	.2	.8	.1	.3	.7	2.1	3.4	5.5	(D)	.1	1.4
TEXAS[c]	22	7	.6	3.4	.5	1.2	2.8	9.0	12.5	21.4	.5	.3	2.5
WEST REGION	127	26	1.6	13.7	.9	1.9	8.0	36.3	48.4	84.2	3.4	1.6	31.3
MOUNTAIN DIVISION	22	10	.4	3.6	.3	.5	1.8	6.7	9.0	15.7	.1	.3	3.6
PACIFIC DIVISION	105	16	1.2	10.1	.7	1.3	6.3	29.6	39.4	68.5	3.3	1.3	27.7
WASHINGTON	8	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.7
CALIFORNIA	90	8	.8	6.9	.5	1.0	4.6	22.1	31.5	53.2	2.5	1.0	23.8
2952-- ASPHALT FELTS AND COATINGS													
UNITED STATES	226	138	14.4	96.3	10.4	22.9	66.2	221.1	373.8	597.8	8.8	14.6	190.0
NORTHEAST REGION	44	27	2.6	18.7	2.0	4.4	13.4	41.7	79.1	120.6	1.9	2.9	36.1
NEW ENGLAND DIVISION	10	6	.6	3.8	.4	1.0	2.8	8.6	15.4	24.0	.3	.6	7.1
MASSACHUSETTS	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2]	[2]
MIDDLE ATLANTIC DIVISION	34	21	2.0	14.8	1.5	3.4	10.6	33.1	63.7	96.6	1.6	2.2	29.0
NEW JERSEY	14	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	18.6
PENNSYLVANIA	14	7	.7	5.1	.6	1.2	3.8	13.1	23.4	36.6	.4	.7	8.8
NORTH CENTRAL REGION	65	42	5.6	39.9	4.4	9.7	29.2	89.1	139.8	230.8	3.2	5.4	71.9
EAST NORTH CENTRAL DIVISION	50	33	4.7	34.0	3.7	8.1	25.0	76.2	114.8	192.4	2.4	4.4	61.4
OHIO	14	8	1.4	10.4	1.1	2.5	7.7	23.4	24.2	47.9	.7	1.4	21.5
INDIANA	7	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.5
ILLINOIS	25	20	3.0	21.0	2.3	5.0	15.3	46.2	81.1	128.4	1.4	2.6	33.6
WEST NORTH CENTRAL DIVISION	15	9	.9	5.9	.7	1.5	4.1	12.9	25.0	38.4	.8	.9	10.5
MINNESOTA[c]	5	4	.4	2.6	.3	.7	1.6	5.5	10.9	16.4	.5	[2]	[2]
MISSOURI	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.4
SOUTH REGION	75	49	4.7	27.6	3.0	6.6	16.8	69.3	110.6	179.9	2.0	4.7	56.6
SOUTH ATLANTIC DIVISION	31	15	1.3	8.4	1.0	2.2	6.1	23.9	46.3	69.9	(D)	1.2	18.4
SOUTH CAROLINA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2]	[2]
GEORGIA	7	6	.5	3.1	.4	.9	2.3	9.0	18.3	27.2	.3	.5	7.4
FLORIDA	13	3	.2	1.3	.2	.4	.9	3.5	7.4	10.9	.1	.2	2.1
EAST SOUTH CENTRAL DIVISION	11	8	.9	4.8	.7	1.4	3.5	11.4	18.9	30.7	(D)	.7	6.6
TENNESSEE	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2]	[2]
ALABAMA	4	4	.4	2.7	.3	.7	2.0	6.7	12.0	19.1	(D)	.3	3.4
WEST SOUTH CENTRAL DIVISION	33	26	2.5	14.4	1.4	3.0	7.2	34.0	45.3	79.3	.8	2.8	31.6
ARKANSAS	5	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
LOUISIANA	7	6	.4	2.5	.3	.6	1.8	6.4	11.8	18.2	(D)	.6	6.5
OKLAHOMA	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2]	[2]
TEXAS	18	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	20.0
WEST REGION	42	20	1.5	10.1	1.0	2.2	6.9	21.0	44.2	66.5	1.7	1.7	25.4
MOUNTAIN DIVISION	10	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.6
PACIFIC DIVISION	32	17	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	22.8
OREGON	7	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2]	[2]
CALIFORNIA	21	12	1.0	7.0	.7	1.5	4.8	14.7	28.4	43.7	(D)	1.1	16.9
2992-- LUBRICATING OILS AND GREASES													
UNITED STATES	298	109	7.3	58.0	3.9	7.9	24.3	200.7	284.6	487.3	8.5	8.4	199.1
NORTHEAST REGION	84	37	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.2	66.4
NEW ENGLAND DIVISION	11	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	4.9
MIDDLE ATLANTIC DIVISION	73	34	2.3	19.5	1.2	2.4	8.0	56.1	91.7	149.2	(D)	3.0	61.5
NEW YORK	25	8	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2]	[2]
NEW JERSEY	22	12	.7	5.8	.4	.8	2.8	11.6	43.8	56.5	(D)	[2]	[2]
PENNSYLVANIA	26	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3	22.0
NORTH CENTRAL REGION	125	51	3.3	26.2	1.6	3.2	10.1	102.7	116.9	220.5	5.2	3.7	100.7
EAST NORTH CENTRAL DIVISION	94	36	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	32	13	.8	6.5	.4	.7	2.2	21.0	20.7	41.7	1.1	[2]	[2]
INDIANA	4	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2]	[2]
ILLINOIS	26	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2]	[2]
MICHIGAN	21	6	.3	2.2	.1	.3	.8	8.6	10.0	18.5	(D)	[2]	[2]
WISCONSIN	11	6	.2	1.7	.1	.2	.6	5.8	6.1	12.3	.1	.2	5.8
WEST NORTH CENTRAL DIVISION	31	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	15	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	16.4
KANSAS	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
2992-- LUBRICATING OILS AND GREASES--CON.													
SOUTH REGION	48	10	1.0	6.6	.6	1.4	3.5	14.0	49.6	63.8	.7	1.0	14.2
SOUTH ATLANTIC DIVISION	12	5	.2	1.2	.1	.2	.5	3.4	4.4	7.8	.1	(D)	(D)
WEST SOUTH CENTRAL DIVISION	29	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
LOUISIANA	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
OKLAHOMA	4	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	18	2	.2	1.1	.1	.2	.5	1.5	5.2	6.8	.1	(2)	(2)
WEST REGION	41	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	17.8
PACIFIC DIVISION	40	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	37	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
2999-- PETROLEUM AND COAL PRODUCTS, NEC													
UNITED STATES	47	15	1.1	6.9	.8	1.7	5.2	24.4	56.2	79.8	1.8	1.5	21.0
NORTH CENTRAL REGION	25	9	.7	3.8	.5	1.1	2.9	10.6	23.9	34.4	1.2	.9	8.6
EAST NORTH CENTRAL DIVISION	21	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
SOUTH REGION	14	3	.3	2.0	.2	.4	1.6	10.5	22.5	32.6	.4	.3	7.9
WEST SOUTH CENTRAL DIVISION	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Petroleum refining (SIC 2911)	Paving mixtures and blocks (SIC 2951)	Asphalt felts and coatings (SIC 2952)	Lubricating oils and greases (SIC 2992)	Petroleum and coal products, n.e.c. (SIC 2999)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.98	.93	.91	.94	.99
COVERAGE RATIO[2]	.97	.95	.95	[3].32	.92
ESTABLISHMENTS, TOTAL . . . NUMBER	437	872	226	298	47
WITH 1 TO 19 EMPLOYEES . . . DO	150	717	88	189	32
WITH 20 TO 99 EMPLOYEES . . . DO	98	142	90	99	13
WITH 100 EMPLOYEES OR MORE . . . DO	189	13	48	10	2
ALL EMPLOYEES, AVERAGE FOR YEAR . . . 1,000	106.7	12.2	14.4	7.3	1.1
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	965.0	90.0	96.3	58.0	6.9
PRODUCTION WORKERS:					
AVERAGE FOR YEAR . . . 1,000	75.6	8.5	10.4	3.9	.8
MARCH . . . DO	74.8	6.4	9.6	4.0	.9
MAY . . . DO	75.4	9.0	10.4	3.9	.9
AUGUST . . . DO	77.2	10.1	11.1	4.0	.8
NOVEMBER . . . DO	74.9	8.7	10.5	3.9	.8
MAN-HOURS . . . MILLIONS	151.6	18.0	22.9	7.9	1.7
JANUARY-MARCH . . . DO	36.9	3.1	5.0	2.0	.4
APRIL-JUNE . . . DO	38.6	4.8	5.9	2.0	.5
JULY-SEPTEMBER . . . DO	38.1	5.7	6.3	2.0	.4
OCTOBER-DECEMBER . . . DO	38.1	4.4	5.7	1.9	.4
WAGES . . . MILLION DOLLARS	632.2	58.4	66.2	24.3	5.2
COST OF MATERIALS, ETC., TOTAL . . . DO	15 683.7	350.1	373.8	284.6	56.2
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . . . DO	14 540.9	301.9	317.3	257.0	47.6
COST OF RESALES . . . DO	652.5	16.8	44.6	23.0	5.2
FUELS CONSUMED . . . DO	294.1	16.5	8.4	1.7	1.8
PURCHASED ELECTRIC ENERGY . . . DO	122.8	6.8	3.4	1.1	.5
CONTRACT WORK . . . DO	73.4	8.2	.1	1.7	1.1
VALUE OF SHIPMENTS, INCLUDING RESALES . . . DO	20 293.9	584.6	597.8	487.3	79.8
VALUE OF RESALES . . . DO	688.5	22.6	53.8	32.5	5.4
VALUE ADDED BY MANUFACTURE . . . DO	4 745.0	234.7	221.1	200.7	24.4
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL . . . DO	1 730.8	16.5	47.4	53.2	13.0
FINISHED PRODUCTS . . . DO	1 021.3	7.1	25.1	26.6	2.7
WORK IN PROCESS . . . DO	377.6	.6	2.2	3.8	(Z)
MATERIALS, SUPPLIES, FUEL, ETC. . . . DO	331.9	8.8	20.0	22.8	10.3
END OF YEAR, TOTAL . . . DO	1 904.3	19.7	42.4	53.3	10.0
FINISHED PRODUCTS . . . DO	1 126.6	7.3	22.8	24.7	3.2
WORK IN PROCESS . . . DO	407.1	.7	1.6	3.6	.3
MATERIALS, SUPPLIES, FUEL, ETC. . . . DO	370.6	11.8	18.0	24.9	6.5
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . . DO	967.3	27.4	8.9	8.8	1.8
NEW PLANT AND EQUIPMENT, TOTAL . . . DO	956.3	23.8	8.8	8.5	1.8
NEW STRUCTURES AND ADDITIONS TO PLANT . . . DO	547.8	7.9	1.7	2.9	.1
NEW MACHINERY AND EQUIPMENT . . . DO	408.6	15.9	7.2	5.6	1.7
USED PLANT AND EQUIPMENT . . . DO	10.9	3.5	.1	.2	(Z)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

[3]Included in the coverage ratio shown for this industry are lubricating oils and greases which are also primary to Industry 2911, Petroleum Refining. A 1967 coverage ratio computed on the basis of including both industries to which lubricating oils and greases are primary would total 99 percent: 67 percent by industry 2911, and 32 percent by industry 2992. The remaining 1 percent was shipped by establishments in other industries. Computed on the basis of excluding industry 2911, the 1967 coverage ratio is 96 percent for industry 2992.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
2911-- PETROLEUM REFINING											
ESTABLISHMENTS, TOTAL	437	106.7	965.0	75.6	151.6	632.2	4 745.0	15 683.7	20 293.9	956.3	1 904.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	80	.4	3.0	.3	.6	1.9	28.6	62.8	92.0	59.8	3.2
5 TO 9 EMPLOYEES	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	33	.5	3.2	.3	.7	2.1	12.3	52.0	63.3	2.1	5.0
20 TO 49 EMPLOYEES	53	1.7	12.0	1.1	2.4	7.2	34.8	141.0	174.1	7.4	15.6
50 TO 99 EMPLOYEES	45	3.1	23.9	2.3	4.8	16.6	90.0	382.3	467.1	41.3	51.2
100 TO 249 EMPLOYEES	81	13.7	115.8	10.5	21.7	83.0	597.6	2 154.1	2 727.9	73.8	246.5
250 TO 499 EMPLOYEES	52	41.6	381.4	29.0	59.0	247.3	2 062.8	7 043.8	9 054.0	389.9	828.0
500 TO 999 EMPLOYEES	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	15	22.4	206.6	16.3	32.3	139.4	1 092.0	3 043.5	4 123.1	298.2	378.2
2,500 EMPLOYEES OR MORE	7	23.2	218.9	15.8	30.1	134.8	826.9	2 804.3	3 592.3	83.9	376.6
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	57	.1	.6	.1	.1	.4	1.3	3.6	4.9	.2	.5
2951-- PAVING MIXTURES AND BLOCKS											
ESTABLISHMENTS, TOTAL	872	12.2	90.0	8.5	18.0	58.4	234.7	350.1	584.6	23.8	19.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	306	.7	5.3	.6	1.2	4.0	22.7	41.1	63.6	1.7	2.1
5 TO 9 EMPLOYEES	255	1.7	13.1	1.2	2.5	8.7	42.4	87.2	130.9	5.5	4.8
10 TO 19 EMPLOYEES	156	2.1	15.8	1.5	3.1	10.2	48.7	75.3	123.6	4.9	4.2
20 TO 49 EMPLOYEES	101	5.5	42.5	3.7	8.0	25.3	94.1	113.8	207.3	10.1	6.4
50 TO 99 EMPLOYEES	41	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	12	2.2	13.2	1.5	3.2	10.1	26.8	32.6	59.3	1.7	2.1
250 TO 499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	125	.3	2.4	.3	.5	1.7	6.2	9.1	15.3	.7	.5
2952-- ASPHALT FELTS AND COATINGS											
ESTABLISHMENTS, TOTAL	226	14.4	96.3	10.4	22.9	66.2	221.1	373.8	597.8	8.8	42.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	33	.1	.7	.1	.1	.4	2.1	3.6	5.6	1.1	.3
5 TO 9 EMPLOYEES	22	.1	1.0	.1	.2	.6	3.1	7.1	10.2	(D)	.5
10 TO 19 EMPLOYEES	33	.5	2.8	.3	.7	1.9	8.8	20.9	29.6	.4	1.5
20 TO 49 EMPLOYEES	46	1.5	9.7	1.2	2.3	6.3	20.5	38.3	59.0	.6	4.7
50 TO 99 EMPLOYEES	44	3.1	19.8	2.3	5.0	14.1	47.0	84.6	132.6	1.5	9.1
100 TO 249 EMPLOYEES	42	6.3	42.8	4.7	10.5	30.2	95.2	179.2	276.0	4.1	20.0
250 TO 499 EMPLOYEES	4	2.8	19.5	1.8	4.1	12.8	44.4	40.0	84.9	1.2	6.3
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	28	.1	.5	.1	.1	.3	1.1	1.9	2.9	(Z)	.2
2992-- LUBRICATING OILS AND GREASES											
ESTABLISHMENTS, TOTAL	298	7.3	58.0	3.9	7.9	24.3	200.7	284.6	487.3	8.5	53.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	98	.2	1.1	.1	.2	.6	7.7	16.1	24.0	(Z)	1.9
5 TO 9 EMPLOYEES	43	.3	2.1	.2	.3	.9	7.3	7.8	15.2	.2	1.8
10 TO 19 EMPLOYEES	48	.7	5.3	.4	.9	2.4	20.3	30.2	50.0	1.7	5.1
20 TO 49 EMPLOYEES	66	6.2	49.4	3.2	6.4	20.5	165.5	230.4	398.2	6.5	44.6
50 TO 99 EMPLOYEES	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	88	.2	1.1	.2	.2	.6	2.7	3.5	6.2	.1	.6
2999-- PETROLEUM AND COAL PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL	47	1.1	6.9	.8	1.7	5.2	24.4	56.2	79.8	1.8	10.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	16	.1	.9	.1	.2	.6	3.0	3.4	6.5	.1	.4
5 TO 9 EMPLOYEES	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	4	.1	.3	.1	.1	.2	.5	1.0	1.6	(Z)	.1
20 TO 49 EMPLOYEES	9	.9	5.7	.7	1.5	4.4	20.8	51.7	71.7	1.7	9.5
50 TO 99 EMPLOYEES	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
2911	Petroleum refining.....1967..	r20,293.9	r19,147.9	374.0	772.0	98	[1]19,691.9	r19,147.9	[1]544.0	[1]97
	1963..	r16,497.5	r15,479.7	340.6	677.1	98	r[1]15,983.9	r15,479.7	[1]504.1	[1]97
2951	Paving mixtures and blocks.....1967..	584.6	505.4	39.3	39.9	93	529.6	505.4	24.2	95
	1963..	427.5	359.0	30.5	38.0	92	402.9	359.0	43.9	89
2952	Asphalt felts and coatings.....1967..	597.8	492.8	48.2	56.8	91	519.4	492.8	26.6	95
	1963..	527.6	423.9	47.6	56.1	90	459.5	423.9	35.5	92
2992	Lubricating oils and greases.....1967..	487.3	425.7	25.3	36.3	94	[2]1,327.0	425.7	[2]901.3	[2]32
	1963..	471.2	399.1	39.7	32.4	91	[2]1,210.1	399.1	[2]811.0	[2]33
2999	Petroleum and coal products, n.e.c.....1967..	79.8	73.5	.4	5.9	99	79.6	73.5	6.1	92
	1963..	71.5	63.3	2.8	5.5	96	69.3	63.3	6.0	91

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. r Revised.

[1] Includes lubricating oils and greases which are also primary to industry 2992, Lubricating Oils and Greases.

[2] Included in the figures shown for this industry are lubricating oils and greases which are also primary to industry 2911, Petroleum Refining. A 1967 coverage ratio computed on the basis of including both industries to which lubricating oils and greases are primary would total 99 percent; 67 percent by industry 2911, and 32 percent by industry 2992. The remaining 1 percent was shipped by establishments in other industries. Computed on the basis of excluding industry 2911, the 1967 coverage ratio is 96 percent for industry 2992.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry and miscellaneous receipts	All industries	Petroleum refining (SIC 2911)	Lubricating oils and greases (SIC 2992)	Paving mixtures and blocks (SIC 2951)	Asphalt felts and coatings (SIC 2952)	Petroleum and coal products, n.e.c. (SIC 2999)	Other industries
	Total shipments and miscellaneous receipts.....	(X)	20,293.9	487.3	584.6	597.8	79.8	(X)
2911-	Petroleum refinery products.....	19,248.7	19,147.9	9.7	(under 2)	(under 2)	.4	89.6
29111	Gasoline.....	9,844.2	9,844.2	-	-	-	-	-
29112	Jet fuel.....	1,100.4	1,100.4	-	-	-	-	-
29113	Kerosene.....	430.5	430.5	-	-	-	-	-
29114	Distillate fuel oil.....	3,305.7	3,305.7	-	-	-	-	-
29115	Residual fuel oil.....	566.1	566.1	-	-	-	-	-
29116	Liquefied refinery gases (feed stock and other uses)....	1,135.7	1,064.0	-	-	-	-	71.7
29117	Lubricating oils and greases, made in refineries.....	883.7	883.7	-	-	-	-	-
29118	Unfinished oils and lubricating oil base stock.....	613.2	607.9	5.3	-	-	-	-
29119	Asphalt.....	424.2	420.5	(under 2)	(under 2)	(under 2)	-	(under 2)
29110	Other finished petroleum products, including waxes.....	944.9	924.9	(2-5)	(under 2)	-	.4	(10-20)
2992-	Lubricating oils and greases, (made from purchased materials).....	443.4	-	425.7	-	(2-5)	-	(10-20)
2951-	Paving mixtures and blocks.....	529.6	-	-	505.4	7.6	-	16.6

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis--Shipments by Product Class and Industry: 1967--Continued

Product code	Class of products, industry and miscellaneous receipts	All industries	Petroleum refining (SIC 2911)	Lubricating oils and greases (SIC 2992)	Paving mixtures and blocks (SIC 2951)	Asphalt felts and coatings (SIC 2952)	Petroleum and coal products, n.e.c. (SIC 2999)	Other industries
	Total shipments and miscellaneous receipts--Continued							
2952-	Asphalt felts and coatings	519.4	(under 2)	(2-5)	(2-5)	492.8	-	18.2
29521	Asphalt and tar saturated felts and boards for non-building use	27.5	(under 2)	-	(under 2)	(20-50)	-	(under 2)
29522	Roofing asphalts and pitches, coatings, and cements	101.4	-	2.8	3.5	87.0	-	8.1
29523	Asphalt and tar roofing and siding products	375.2	(under 2)	-	(under 2)	366.3	-	8.5
29520	Asphalt felts and coatings, n.e.c	15.3	-	-	-	(10-20)	-	(under 2)
2999-	Petroleum and coal products, n.e.c	79.6	(2-5)	(under 2)	-	-	73.5	3.5
	Other product shipments by 4-digit product group							
1429-	Crushed and broken slate, marble, trap rock, sandstone, and miscellaneous stone	(X)	-	-	6.0	-	-	(X)
1442-	Construction sand and gravel	(X)	-	-	7.0	-	-	(X)
2813-	Industrial gases	(X)	(2-5)	-	-	-	-	(X)
2815-	Cyclic intermediates and crudes	(X)	60.5	-	-	(over 2)	-	(X)
2818-	Industrial organic chemicals, n.e.c	(X)	129.8	(under 2)	-	-	-	(X)
2819-	Industrial inorganic chemicals, n.e.c	(X)	39.2	(under 2)	-	-	-	(X)
2821-	Plastics materials and resins	(X)	53.7	(under 2)	-	-	-	(X)
2822-	Synthetic rubber	(X)	(over 2)	-	-	-	-	(X)
2843-	Surface active agents	(X)	15.6	.9	-	-	-	(X)
2851-	Paints and allied products	(X)	-	(under 2)	(under 2)	5.0	-	(X)
2879-	Agricultural chemicals, n.e.c	(X)	(over 2)	-	-	-	-	(X)
2899-	Chemical preparations, n.e.c	(X)	(2-5)	5.7	(over 2)	(under 2)	-	(X)
3273-	Ready-mixed concrete	(X)	-	-	11.5	-	-	(X)
3292-	Asbestos products	(X)	-	-	-	20.6	-	(X)
3293-	Gaskets and insulations	(X)	-	-	-	(over 2)	-	(X)
3295-	Minerals, ground or treated	(X)	-	-	2.3	-	-	(X)
3498-	Fabricated pipe and fittings	(X)	(over 2)	-	-	-	-	(X)
	Miscellaneous receipts	(X)	772.0	36.3	39.9	56.8	5.9	(X)
99989	Resales	(X)	688.5	32.5	22.6	53.8	5.4	(X)
93000	Contract work	(X)	49.6	3.0	12.5	3.0	.5	(X)
99980	Other miscellaneous receipts	(X)	33.9	.8	4.8			(X)

Product code	Class of products, industry and miscellaneous receipts	Other industries
	Listing of the other industries with over $2 million shipments of the primary products	
2911-	2815 Cyclic intermediates and crudes	(over 2)
2911-	2818 Industrial organic chemicals, n.e.c	53.7
2911-	2821 Plastics materials and resins	(over 2)
2911-	2822 Synthetic rubber	(over 2)
2911-	2844 Toilet preparations	(over 2)
2951-	3273 Ready-mixed concrete	12.9
2952-	2815 Cyclic intermediates and crudes	(over 2)

Product code	Class of products, industry and miscellaneous receipts	Other industries
	Listing of the other industries with over $2 million shipments of the primary products--Continued	
2952-	2851 Paints and allied products	5.4
2952-	3079 Miscellaneous plastics products	(over 2)
2952-	3444 Sheet metalwork	2.0
2992-	2841 Soap and other detergents	3.6
2992-	2842 Polishes and sanitation goods	3.5
2992-	2899 Chemical preparations, n.e.c	3.9
2992-	3714 Motor vehicle parts and accessories	(over 2)

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967				1963			
			Receipts[1] (quantity)	Total shipments including interplant transfers: Quantity	Total shipments including interplant transfers: Value (excluding tax) (million dollars)	Net shipments[2] (quantity)	Receipts[1] (quantity)	Total shipments including interplant transfers: Quantity	Total shipments including interplant transfers: Value (excluding tax) (million dollars)	Net shipments[2] (quantity)
2911- -- 2992- --	PETROLEUM PRODUCTS, TOTAL	.....	(X)	(X)	19,691.9	(X)	(X)	(X)	r15,983.9	(X)
29111 --	Gasoline, total	.....	(NA)	1,880.1	9,844.2	(NA)	(NA)	1,639.2	r7,978.1	(NA)
29111 11	Aviation gasoline, except jet fuel	Mil. bbls.	(S)	47.6	278.8	(S)	(NA)	94.6	510.0	(NA)
29111 31	Motor gasoline	...do.....	22.2	1,832.5	[4]9,565.4	1,810.3	16.0	1,488.9	r7,225.6	1,472.9
29111 98	Other finished gasolines, including finished base[3]	...do.....	(X)	(X)	([4])	(X)	34.5	55.7	242.5	21.2
29112 --	Jet fuel, total	...do.....	2.8	275.2	1,100.4	272.4	(NA)	166.2	632.5	(NA)
29112 11	Naphtha type	...do.....	0.1	107.0	437.9	106.9	(NA)	91.2	351.0	(NA)
29112 13	Kerosene type	...do.....	2.7	168.2	662.5	165.5	(NA)	75.0	281.5	(NA)
29113 --	Kerosene:									
29113 11	Kerosene, except jet fuel	...do.....	5.1	103.0	430.5	97.9	(NA)	94.6	374.7	(NA)
29114 --	Distillate fuel oil:									
29114 11	Distillate fuel oil (including grades No. 1, 2, 4, light diesel-type, light gas enrichment oils, etc.)	...do.....	19.8	871.1	3,305.7	851.3	12.7	799.0	2,896.3	786.3
29115 --	Residual fuel oil:									
29115 11	Residual fuel oil (including grades No. 5, 6, heavy diesel-type, heavy gas enrichment oils, etc.)	...do.....	25.7	277.0	566.1	251.3	22.3	286.3	621.8	263.9
29116 --	Liquefied refinery gases (feed stock and other uses), total	.....	(S)	(S)	1,135.7	(S)	(NA)	195.1	702.9	(NA)
	Chemical raw material, including synthetic rubber components:[5]									
29116 11	Liquefied refinery gases	Mil. bbls.	(S)	(S)	624.9	(S)				
29116 31	Other aliphatics, including feedstock mixtures	...do.....	(S)	(S)	362.6	(S)				
	Other uses:						(NA)	195.1	702.9	(NA)
29116 51	Liquefied refinery gases	...do.....	(S)	(S)	119.1	(S)				
29116 71	Other aliphatics	...do.....	(S)	(S)	29.2	(S)				
29118 --	Unfinished oils and lubricating oil base stock, total[6]	...do.....	126.2	141.9	613.2	15.7	106.6	126.1	526.2	19.5
29118 13	Unfinished oils[7]	...do.....	109.6	104.0	324.1	-5.6				
29118 15	Naphtha and other oils for use as petro-chemical feedstocks	...do.....	6.0	13.3	83.5	7.3	95.0	101.1	323.7	6.1
29118 51	Lubricating oil petroleum base stocks (for blending, compounding, and grease manufacture)[8]	...do.....	14.8	24.6	205.6	9.8	11.7	25.0	202.5	13.3
29119 --	Asphalt, total	...do.....	4.6	138.5	424.2	133.9	(D)	108.8	360.5	(D)
29119 11	200 penetration and over, including emulsified asphalt produced at the refinery[9]	...do.....	0.2	43.3	134.2	43.1	(D)	33.3	112.1	(D)
29119 51	Less than 200 penetration[10]	...do.....	4.4	95.2	289.9	90.8	(D)	[11]75.5	248.4	(D)
29110 --	Other finished petroleum products, including waxes, total	...do.....	(X)	(X)	[12]944.9	(X)	(X)	(X)	[12]680.7	(X)
29110 11	Petrolatum	...do.....	0.4	3.6	44.4	3.2	0.5	2.1	26.6	1.6
29110 21	Petroleum coke	1,000 short tons.....	(S)	(S)	85.6	(S)	(S)	4,873	52.0	(S)
29110 31	Road oil[13]	Mil. bbls.	(D)	6.8	23.5	(D)	(D)	9.3	27.8	(D)
29110 41	Still gas	Mil. cu.ft.	(S)	(S)	7.0	(S)	(D)	21,751	7.8	(D)
29110 51	Special naphthas[14]	Mil. bbls.	0.7	15.4	87.5	14.7	1.8	20.8	124.9	19.0
29110 55	Aromatics (benzene, toluene, xylenes, etc.)[5]	...do.....	(S)	82.4	463.0	(S)	(X)	33.5	254.1	(X)
	Wax:									
29110 61	Microcrystalline[15]	...do.....	0.2	1.5	30.5	1.3		1.5	31.9	
29110 71	Crystalline, fully refined	...do.....	0.1	3.2	44.8	3.1	0.4			6.6
29110 81	Crystalline, other	...do.....	-	1.4	20.8	1.4		5.5	58.7	
29110 98	Other finished petroleum products	...do.....	(S)	(S)	94.4	(S)	(S)	(S)	83.9	(S)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967				1963			
			Receipts[1] (quantity)	Total shipments including interplant transfers: Quantity	Total shipments including interplant transfers: Value (excluding tax) (million dollars)	Net shipments[2] (quantity)	Receipts[1] (quantity)	Total shipments including interplant transfers: Quantity	Total shipments including interplant transfers: Value (excluding tax) (million dollars)	Net shipments[2] (quantity)
2911- -- 2992- --	PETROLEUM PRODUCTS--Continued									
29110 00	Products of petroleum refining, n.s.k. (For companies with 10 or more employees. See Note.)	Mil. bbls..	(X)	(X)	[12]38.6	(X)	(X)	(X)	[12]12.8	(X)
29110 02	Products of petroleum refining, n.s.k. (For companies with less than 10 employees. See Note.)	...do.....	(X)	(X)	[12]4.9	(X)				
29117 -- 29920 --	Lubricating oils and greases, total	...do.....	(X)	(X)	1,327.0	(X)	(X)	(X)	1,210.1	(X)
	Lubricants and similar oils[16]	...do.....	3.6	64.6	1,183.5	61.0	(S)	67.6	1,077.3	(S)
29117 21	Made in petroleum refineries	...do.....	1.6	52.1	829.5	50.5	2.4	53.4	728.7	51.0
29920 21	Made in lubricating oils and greases industry	...do.....	2.0	13.8	354.0	11.8	(S)	14.2	348.6	(S)
	Made in other manufacturing industries	...do.....								
	Lubricating greases[17]	...do.....	0.1	3.5	120.6	3.4	(S)	5.6	128.6	(S)
29117 31	Made in petroleum refineries	...do.....	-	2.1	54.1	2.1	(S)	(S)	55.8	(S)
29920 31	Made in lubricating oils and greases industry	...do.....	0.1	1.4	66.5	1.3	(S)	(S)	72.8	(S)
	Made in other manufacturing industries	...do.....								
29920 00	Lubricating oils and greases, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	(X)	16.7	(X)	(X)	(X)	4.2	(X)
29920 02	Lubricating oils and greases, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	(X)	6.2	(X)				

Product code	Product	Unit of measure	Total shipments including interplant transfers: 1967 Quantity	1967 Value (million dollars)	1963 Quantity	1963 Value (million dollars)
2951- --	PAVING MIXTURES AND BLOCKS, TOTAL	.....	(X)	529.6	(X)	402.9
29510 --	Paving mixtures and blocks:					
	Liquid asphalt and tar paving materials:					
29510 11	Emulsified asphalt, including liquid additives[18]	Million bbls..	16.3	71.2	12.1	48.6
29510 15	Other liquid asphalt and tar paving materials, including cut-backs	...do.....	5.7	22.9	7.7	33.5
29510 51	Asphalt and tar paving mixtures and blocks, including bituminous or asphaltic concrete, and asphaltic paving cements	.....	(X)	365.8	(X)	294.2
29510 98	Other paving mixtures and blocks, except brick, concrete, or stone	.....	(X)	9.4	(X)	8.8
29510 00	Paving mixtures and blocks, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	46.2	(X)	17.7
29510 02	Paving mixtures and blocks, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	14.1		
2952- --	ASPHALT FELTS AND COATINGS, TOTAL	.....	(X)	519.4	(X)	459.5
29521 --	Asphalt and tar saturated felts and boards for nonbuilding use	.....	(X)	27.5	(X)	21.1
29521 11	Felts, for other than building purposes (automotive, etc.)	1,000 short tons.....	139.7	10.3	118.5	11.4
29521 31	Asphalt and tar products, except felts, coatings, cement, for nonbuilding use (i.e., automotive, etc.)	...do.....	(S)	15.1	144.5	9.6
29521 00	Asphalt and tar saturated felts and boards for nonbuilding use, n.s.k.	.....	(X)	2.1	(X)	(X)
29522 --	Roofing asphalts and pitches, coatings, and cements	.....	(X)	101.4	(X)	94.4
29522 12	Roofing asphalt	1,000 short tons.....	1,535.5	43.1	1,428.8	40.1
29522 31	Coal tar roofing pitch	...do.....	(X)	[19]	74.8	4.5
	Asphaltic roofing coatings and cements					
29522 51	Fibrated asphaltic coatings	1,000 gals....	(S)	35.0	(S)	30.9
29522 55	Nonfibrated asphaltic coatings	...do.....			(S)	14.3
29522 61	Asphaltic roofing cements	...do.....	(S)	4.6	(NA)	(NA)
29522 98	Other roofing asphalts and pitches, coatings, and cements, including coal tar base coatings and cements	.....	(X)	[19]11.3	(X)	-
29522 00	Asphalt and tar coatings, cements, and pitches, n.s.k.	.....	(X)	7.4	(X)	4.6

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
2952- --	ASPHALT FELTS AND COATINGS--Continued					
29523 --	Asphalt and tar roofing and siding products	.....	(X)	375.2	(X)	338.6
	Asphalt roofing:					
29523 11	Smooth-surfaced roll roofing and cap sheet, including sanded, talc, mica, and other fine material surfacing	Million sales squares.....	16.9	26.5	11.5	17.1
29523 13	Mineral-surfaced roll roofing and cap sheet (including 17 inch and 19 inch selvage edged)	...do.....	13.7	30.5	13.5	29.7
	Strip shingles:					
29523 14	Self-sealing	...do.....	19.1	114.9	8.2	48.6
29523 16	Standard or regular	...do.....	23.3	119.5	28.0	141.1
29523 17	Individual shingles, all styles	...do.....	4.0	20.7	4.4	22.7
	Asphalt building sidings:					
29523 31	Roll form and shingle form, all patterns	...do.....	0.4	1.1	0.8	2.0
29523 35	Mineral-surfaced insulating board base siding (all types and finishes)	...do.....	0.3	4.1	0.8	12.0
	Saturated felts:					
29523 51	Asphalt saturated felts for roofing and siding	1,000 short tons.....	864.6	47.7	933.4	51.3
29523 55	Tar saturated felts for roofing and siding	...do.....	46.6	3.2	50.3	3.4
29523 98	Other asphalt and tar products (for roofing and siding, including board products and sheathings)	.....	(X)	2.8	(X)	7.3
29523 00	Asphalt and tar roofing and siding products, n.s.k.	.....	(X)	4.3	(X)	3.4
29520 00	Asphalt felts and coatings, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	12.4	(X)	5.4
29520 02	Asphalt felts and coatings, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	2.9		
2999- --	PETROLEUM AND COAL PRODUCTS, N.E.C., TOTAL	.....	(X)	79.6	(X)	69.3
29990 15	Packaged fuel and fuel briquets (except wood charcoal briquets)	1,000 tons.....	(S)	11.5	927	18.2
29990 98	Other petroleum and coal products, including calcined petroleum coke	.....	(X)	64.1	(X)	49.0
29990 00	Products of Petroleum and coal, n.e.c., n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	2.9	(X)	2.0
29990 02	Products of petroleum and coal, n.e.c., n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	1.1		

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. e From 10 to 30 percent of this figure was estimated. (S) Does not meet publication standards.

[1] Reporting companies were requested to classify items in the same manner as billed by the shipper regardless of how the refinery (or blending and compounding establishments) would otherwise classify them.

[2] Represents the difference between "Total shipments" (Quantity) and "Receipts" (Quantity).

[3] Includes all finished gasolines (other than aviation and automotive gasoline), finished base stocks, and blending agents such as alkylate, polymers (dimer, codimer, etc.), hydropolymers (hydrodimer, hydrocodimer, etc.) cumene, isopetane, isohexane, neohexane, isoheptane, iso-octane, motor benzol (benzene), and other blending agents derived from petroleum (excludes natural gasoline).

[4] Code 2911198 included with code 2911131 for 1967.

[5] Detailed product statistics for liquefied gases used as chemical raw material are published by the United States Tariff Commission in the report "Synthetic Organic Chemicals, United States Production and Sales."

[6] Although respondents were requested to report receipts in the same manner as billed by the shipper, the figures indicate that items billed as other oils by the shipper were sometimes reported as receipts of "unfinished oils" or "lubricating oil base stock" for the refinery receiving these oils.

[7] Includes such products as cracking stock, unfinished gasoline, requiring further distillation, naphtha stocks, soaps, wax distillate, and other unfinished petroleum oils. Excludes lubricating oil base stocks, natural gasoline and cycle condensates.

Footnotes continued on nex page.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Footnotes for Table 6A--29A--Continued

[8]Includes light, medium, neutral, heavy neutral, and residual stocks.
[9]Includes flux for paving, roofing, waterproofing, mastic, and other purposes; cut-back asphalt, emulsified asphalt and fluxes made in petroleum refineries, and other liquid asphaltic products except road oil and fuel oil used for heating purposes.
[10]Includes asphalt for paving, roofing, waterproofing, briquetting, mastic, pipe coating, molding composition, and other heavy asphalt products.
[11]The 1963 figure, which was previously published in quantities of thousand tons have been converted to thousand barrels on the basis of 5.5 barrels to the ton.
[12]Product codes 2911000 and 2911002 included in figure for code 29110.
[13]Represents residual asphaltic oil used for surface treatment of road and highways.
[14]Includes petroleum ether, rubber solvent, mineral spirits (petroleum spirits), varnish makers' and painters' naphtha, high-solvency naphtha, benzol diluent, lacquer diluent, cleaners' naphtha, stoddard solvent, extraction solvents, and other petroleum distillates shipped as solvents.
[15]Represents amorphous paraffin of melting point not under 145°.
[16]Includes oils for lubricating purposes and such nonlubrication purposes as transformer oil, hydraulic oil, processing oil, quenching oil, and liquid rust preventative.
[17]Includes greases for aviation, automotive, industrial, and railroad uses; launching grease, and cutting, drawing, and grinding compounds and paste. Also includes paste rust-preventative compounds and thread compounds.
[18]Excludes data for quantities produced in petroleum refineries, which are included in the statistics for code 2911911, asphalt of 200 penetration and over, in industry 2911, Petroleum Refining.
[19]Code 29522 31 combined with code 29522 98 to avoid disclosing figures for individual companies.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments 1967
OTHER FINISHED PETROLEUM PRODUCTS INCLUDING WAXES (29110)	
United States	944.9
Northeast Region	110.9
New England Div.	EE
Connecticut	EE
Middle Atlantic Div.	GG
New York	CC
New Jersey	25.0
Pennsylvania	63.3
North Central Region	127.7
East North Central Div.	97.6
Ohio	13.8
Indiana	24.0
Illinois	36.5
Michigan	19.7
Wisconsin	3.6
West North Central Div.	30.1
Minnesota	BB
Missouri	AA
Kansas	25.1
South Region	627.4
South Atlantic Div.	EE
Delaware	CC
Virginia	CC
West Virginia	AA
East South Central Div.	FF
Kentucky	EE
Mississippi	CC
West South Central Div.	583.2
Arkansas	2.3
Louisiana	68.8
Oklahoma	43.3
Texas	468.7
West Region	79.8
Mountain Div.	10.5
Montana	AA
Wyoming	4.5
Colorado	BB
Pacific Div.	69.2
California	67.8
GASOLINE (29111)	
United States	9,844.2
Northeast Region	1,115.2
Middle Atlantic Div.	1,115.2
New York	GG
New Jersey	GG
Pennsylvania	605.5
GASOLINE (29111)--Con.	
North Central Region	2,572.1
East North Central Div.	1,932.8
Ohio	536.3
Indiana	463.8
Illinois	754.8
Michigan	GG
Wisconsin	EE
West North Central Div.	639.3
Minnesota	GG
Missouri	GG
North Dakota	GG
Nebraska	BB
Kansas	407.6
South Region	4,448.5
South Atlantic Div.	GG
Delaware	GG
Virginia	GG
West Virginia	BB
East South Central Div.	GG
Kentucky	GG
Tennessee	EE
Alabama	BB
Mississippi	GG
West South Central Div.	GG
Arkansas	GG
Louisiana	816.6
Oklahoma	432.0
Texas	2,643.4
West Region	1,708.4
Mountain Div.	381.2
Montana	97.5
Wyoming	98.7
Colorado	FF
New Mexico	FF
Utah	111.8
Pacific Div.	1,327.2
Washington	GG
California	1,063.2
Hawaii	FF
JET FUEL (29112)	
United States	1,100.4
Northeast Region	75.7
Middle Atlantic Div.	75.7
New York	CC
New Jersey	FF
Pennsylvania	37.9
North Central Region	141.8
East North Central Div.	112.7
Ohio	FF
Indiana	29.2
Illinois	54.5
Michigan	CC
JET FUEL (29112)--Con.	
North Central Region--Con.	
West North Central Div.	29.1
Minnesota	CC
Missouri	CC
North Dakota	CC
Kansas	EE
South Region	562.0
South Atlantic Div.	CC
Delaware	CC
East South Central Div.	FF
Kentucky	CC
Tennessee	CC
Alabama	BB
Mississippi	FF
West South Central Div.	517.9
Louisiana	163.2
Oklahoma	49.3
Texas	305.0
West Region	320.8
Mountain Div.	34.3
Montana	EE
Wyoming	CC
Colorado	BB
New Mexico	CC
Utah	CC
Pacific Div.	286.6
Washington	FF
California	GG
Alaska	CC
Hawaii	EE
KEROSENE (29113)	
United States	430.5
Northeast Region	53.2
Middle Atlantic Div.	53.2
New York	BB
New Jersey	FF
Pennsylvania	25.6
North Central Region	89.8
East North Central Div.	GG
Ohio	14.9
Indiana	FF
Illinois	30.2
Michigan	CC
Wisconsin	BB
West North Central Div.	EE
Minnesota	BB
Missouri	CC
North Dakota	BB
Kansas	2.8

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
KEROSENE (29113)--Con.		
South Region	274.5	(NA)
South Atlantic Div.	CC	(NA)
Delaware	BB	(NA)
Virginia	AA	(NA)
East South Central Div.	EE	(NA)
Kentucky	CC	(NA)
Mississippi	CC	(NA)
West South Central Div.	GG	(NA)
Arkansas	CC	(NA)
Louisiana	GG	(NA)
Oklahoma	CC	(NA)
Texas	161.8	(NA)
West Region	12.9	(NA)
Mountain Div.	5.4	(NA)
Montana	AA	(NA)
Wyoming	AA	(NA)
Utah	AA	(NA)
Pacific Div.	7.5	(NA)
California	CC	(NA)
DISTILLATE FUEL OIL (29114)		
United States	3,305.7	2,896.3
Northeast Region	503.7	459.5
New England Div.	BB	(D)
Rhode Island	BB	(D)
Middle Atlantic Div.	GG	(D)
New York	FF	(1)
New Jersey	252.5	214.2
Pennsylvania	GG	(1)
North Central Region	734.3	704.1
East North Central Div.	520.0	512.3
Ohio	131.9	112.7
Indiana	142.3	171.5
Illinois	190.0	173.2
Michigan	GG	(1)
Wisconsin	BB	(1)
West North Central Div.	214.3	191.8
Minnesota	FF	(1)
Missouri	FF	(1)
North Dakota	EE	(1)
Kansas	135.1	119.1
South Region	1,650.7	1,347.2
South Atlantic Div.	GG	77.6
Delaware	FF	(1)
Maryland	BB	(1)
Virginia	FF	(1)
West Virginia	BB	(1)
Georgia	BB	(D)
East South Central Div.	GG	57.3
Kentucky	FF	(1)
Tennessee	EE	(1)
Alabama	BB	4.1
Mississippi	GG	(D)
West South Central Div.	1,448.9	1,212.3
Arkansas	25.4	(1)
Louisiana	321.4	239.3
Oklahoma	122.1	(1)
Texas	980.1	833.0
DISTILLATE FUEL OIL (29114)--Con.		
West Region	417.1	385.5
Mountain Div.	115.1	100.1
Montana	32.9	24.2
Wyoming	26.4	28.4
Colorado	CC	11.8
New Mexico	CC	5.6
Utah	38.5	30.2
Pacific Div.	302.0	285.4
Washington	62.1	(1)
Oregon	AA	(D)
California	224.3	231.4
Alaska	CC	(D)
Hawaii	CC	(D)
RESIDUAL FUEL OIL (29115)		
United States	566.1	621.8
Northeast Region	68.2	70.6
Middle Atlantic Div.	68.2	(D)
New York	CC	(1)
New Jersey	FF	(1)
Pennsylvania	34.8	35.4
North Central Region	105.6	144.2
East North Central Div.	91.8	129.3
Ohio	17.7	28.3
Indiana	33.6	49.3
Illinois	27.7	29.9
Michigan	EE	(1)
Wisconsin	AA	(1)
West North Central Div.	13.8	14.8
Minnesota	8.1	8.7
Kansas	4.7	3.4
South Region	164.2	182.4
South Atlantic Div.	5.5	9.3
Delaware	BB	(1)
East South Central Div.	22.0	20.1
Kentucky	CC	(1)
Alabama	2.7	2.6
Mississippi	CC	(1)
West South Central Div.	136.7	153.0
Arkansas	AA	(1)
Louisiana	26.0	26.8
Oklahoma	CC	(1)
Texas	102.7	117.0
West Region	228.0	224.6
Mountain Div.	26.3	19.6
Montana	5.7	2.5
Wyoming	10.2	4.5
Colorado	BB	4.4
New Mexico	AA	(1)
Utah	CC	(1)
Pacific Div.	201.7	205.0
Washington	CC	(1)
Oregon	AA	(D)
California	187.3	188.1
Hawaii	CC	(1)
LIQUEFIED REFINERY GASES (FEED STOCK, OTHER USES) (29116)		
United States	1,135.7	
Northeast Region	57.8	
Middle Atlantic Div.	57.8	
New York	AA	
New Jersey	28.6	
Pennsylvania	FF	
North Central Region	79.5	
East North Central Div.	69.0	
Ohio	29.3	
Indiana	CC	
Illinois	EE	
Michigan	EE	
West North Central Div.	10.4	
Minnesota	BB	
Kansas	CC	
South Region	924.3	
South Atlantic Div.	30.8	
Delaware	EE	
Virginia	BB	
West Virginia	CC	
East South Central Div.	9.8	
Kentucky	CC	
Mississippi	BB	
West South Central Div.	883.8	
Arkansas	BB	
Louisiana	181.1	
Oklahoma	EE	
Texas	684.1	
West Region	74.2	
Mountain Div.	4.5	
Wyoming	AA	
Utah	AA	
Pacific Div.	69.7	
Washington	BB	
California	65.6	
LUBRICATING OILS AND GREASES, MADE IN REFINERIES (29117)		
United States	883.7	
Northeast Region	203.7	
New England Div.	AA	
Connecticut	AA	
Middle Atlantic Div.	GG	
New York	AA	
New Jersey	GG	
Pennsylvania	126.0	
North Central Region	150.0	
East North Central Div.	106.2	
Ohio	EE	
Indiana	GG	
Illinois	FF	

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
LUBRICATING OILS AND GREASE, MADE IN REFINERIES (29117)--Con.		
North Central Region--Con.		
West North Central Div....	43.8	(NA)
Kansas.....	FF	(NA)
South Region.....	422.4	(NA)
South Atlantic Div.....	EE	(NA)
West Virginia.....	EE	(NA)
West South Central Div....	GG	(NA)
Arkansas.....	CC	(NA)
Louisiana.....	FF	(NA)
Oklahoma.....	48.7	(NA)
Texas.....	320.4	(NA)
West Region.....	107.6	(NA)
Mountain Div.....	CC	(NA)
Wyoming.....	CC	(NA)
Pacific Div.....	GG	(NA)
California.....	GG	(NA)
UNFINISHED OILS AND LUBRICATING OIL BASE STOCK (29118)		
United States.....	613.2	526.2
Northeast Region.....	76.9	71.9
Middle Atlantic Div.....	76.9	(D)
New York.....	AA	(D)
New Jersey.....	GG	40.1
Pennsylvania.....	FF	(1)
North Central Region....	62.7	35.3
East North Central Div....	59.6	28.1
Ohio.....	CC	(1)
Indiana.....	EE	(1)
Illinois.....	33.1	19.6
West North Central Div....	3.1	7.2
Kansas.....	AA	(1)
South Region.....	375.1	281.5
West South Central Div....	GG	(D)
Louisiana.....	57.0	70.9
Oklahoma.....	20.3	10.3
Texas.....	296.8	188.8
West Region.....	98.5	137.6
Mountain Div.....	BB	(D)
Wyoming.....	BB	(1)
Pacific Div.....	GG	(D)
Washington.....	BB	(1)
California.....	80.6	118.9
Alaska.....	CC	(D)
ASPHALT (29119)		
United States.....	424.2	360.5
Northeast Region.....	71.0	55.9
New England Div.....	BB	(D)
Rhode Island.....	BB	(1)
ASPHALT (29119)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.....	GG	(D)
New York.....	CC	(1)
New Jersey.....	FF	11.2
Pennsylvania.....	22.1	(1)
North Central Region....	131.3	103.2
East North Central Div....	104.8	78.0
Ohio.....	36.0	26.4
Indiana.....	21.3	16.3
Illinois.....	36.4	25.6
Michigan.....	CC	(1)
Wisconsin.....	BB	(1)
West North Central Div....	26.5	25.2
Minnesota.....	CC	(1)
Missouri.....	BB	(1)
Kansas.....	EE	(1)
South Region.....	140.4	130.6
South Atlantic Div.....	22.5	38.8
Maryland.....	EE	23.7
Georgia.....	CC	(1)
East South Central Div....	42.7	26.3
Kentucky.....	EE	(1)
Tennessee.....	BB	(1)
Alabama.....	EE	(1)
Mississippi.....	EE	(1)
West South Central Div....	75.2	65.5
Arkansas.....	CC	(1)
Louisiana.....	EE	(1)
Oklahoma.....	14.4	11.3
Texas.....	37.0	32.1
West Region.....	81.5	70.8
Mountain Div.....	23.5	21.0
Montana.....	4.3	6.6
Wyoming.....	10.2	7.9
Colorado.....	BB	(1)
New Mexico.....	BB	(1)
Utah.....	BB	(1)
Pacific Div.....	58.0	49.8
Washington.....	CC	(1)
Oregon.....	CC	(1)
California.....	44.9	40.1
ASPHALT, TAR SATURATED FELTS AND BOARDS FOR NONBUILDING USE (29521)		
United States.....	27.5	(NA)
Northeast Region.....	BB	(NA)
Middle Atlantic Div.....	BB	(NA)
New York.....	BB	(NA)
North Central Region....	20.0	
East North Central Div....	20.0	(NA)
Ohio.....	AA	(NA)
Indiana.....	CC	(NA)
Illinois.....	12.1	(NA)
South Region.....	BB	(NA)
West South Central Div....	BB	(NA)
Oklahoma.....	AA	(NA)
ROOFING ASPHALTS, PITCHES, COATINGS, AND CEMENTS (29522)		
United States.....	101.4	94.4
Northeast Region.....	22.1	18.8
New England Div.....	2.5	2.5
Massachusetts.....	2.5	(1)
Middle Atlantic Div.....	19.6	16.3
New York.....	1.4	1.1
New Jersey.....	13.1	8.7
Pennsylvania.....	5.0	6.5
North Central Region....	39.5	43.4
East North Central Div....	33.2	37.7
Ohio.....	15.7	17.5
Indiana.....	AA	2.5
Illinois.....	15.9	15.5
West North Central Div....	6.4	5.6
Minnesota.....	AA	(D)
Missouri.....	BB	4.2
South Region.....	30.8	25.8
South Atlantic Div.....	10.8	8.8
Maryland.....	BB	1.3
North Carolina.....	AA	(1)
Georgia.....	BB	(1)
Florida.....	BB	(1)
East South Central Div....	5.5	2.3
Tennessee.....	1.4	(1)
Alabama.....	4.1	(D)
West South Central Div....	14.6	14.6
Louisiana.....	2.3	2.5
Texas.....	11.5	11.3
West Region.....	8.9	6.5
Mountain Div.....	AA	(D)
Pacific Div.....	CC	(D)
Oregon.....	AA	(1)
California.....	6.3	4.1
ASPHALT AND TAR ROOFING AND SIDING PRODUCTS (29523)		
United States.....	375.2	338.6
Northeast Region.....	75.6	73.1
New England Div.....	16.1	14.6
Massachusetts.....	EE	(1)
Connecticut.....	BB	(1)
Middle Atlantic Div.....	59.6	58.6
New Jersey.....	34.0	37.2
Pennsylvania.....	25.6	(1)
North Central Region....	129.3	110.8
East North Central Div....	98.8	83.7
Ohio.....	19.0	14.5
Indiana.....	CC	(1)
Illinois.....	71.9	59.1
Michigan.....	AA	(1)
West North Central Div....	30.5	27.1
Minnesota.....	13.3	(1)
Missouri.....	17.2	14.1

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
ASPHALT AND TAR ROOFING AND SIDING PRODUCTS (29523)--Con.		
South Region	125.1	102.4
South Atlantic Div.	47.2	38.2
Delaware	BB	(1)
Maryland	CC	(D)
West Virginia	BB	(1)
North Carolina	BB	(1)
South Carolina	CC	(1)
Georgia	20.9	17.8
Florida	CC	(1)
ASPHALT AND TAR ROOFING AND SIDING PRODUCTS (29523)--Con.		
South Region--Con.		
East South Central Div.	25.6	17.5
Tennessee	BB	(1)
Alabama	16.9	9.8
Mississippi	BB	(1)
West South Central Div.	52.3	46.7
Arkansas	10.7	10.6
Louisiana	EE	14.7
Oklahoma	CC	2.3
Texas	22.1	19.1
ASPHALT AND TAR ROOFING AND SIDING PRODUCTS (29523)--Con.		
West Region	45.2	52.3
Mountain Div.	BB	(D)
Colorado	BB	(1)
Pacific Div.	FF	(D)
Washington	BB	(1)
Oregon	8.0	8.5
California	29.2	33.9

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes-Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
2911-	Petroleum refinery products	19,248.7	18,000.9	16,773.8	15,875.6	r15,558.3	13,889.4	11,666.9	(NA)
29111	Gasoline	9,844.2	(NA)	(NA)	(NA)	r7,978.1	7,518.7	6,358.4	3,136.7
29112	Jet fuel	1,100.4	(NA)	(NA)	(NA)	632.5	(NA)	(NA)	(NA)
29113	Kerosene	430.5	(NA)	(NA)	(NA)	374.7	411.7	434.9	343.0
29114	Distillate fuel oil	3,305.7	3,053.7	2,885.8	2,767.0	2,896.3	2,490.9	2,064.3	918.3
29115	Residual fuel oil	566.1	572.8	584.0	603.1	621.8	817.2	787.8	899.6
29116	Liquefied refinery gases (feed stock and other uses)	1,135.7	(NA)	(NA)	(NA)	702.9	495.3	289.8	(NA)
29117	Lubricating oils and greases, made in refineries (See also code 29920)	883.7	893.8	813.4	796.4	784.5	638.0	599.0	(NA)
29118	Unfinished oils and lubricating oils base stock	613.2	573.4	559.0	577.3	526.2	440.9	294.9	214.7
29119	Asphalt	424.2	434.6	410.3	384.9	360.5	284.6	221.7	130.3
29110	Other finished petroleum products including waxes, and n.s.k.	944.9	(NA)	(NA)	(NA)	680.7	485.8	425.9	(NA)
29510	Paving mixtures and blocks	529.6	465.7	423.6	402.1	402.9	265.9	120.7	57.1
2952-	Asphalt felts and coatings	519.4	506.1	511.1	495.9	459.5	408.1	388.2	333.9
29521	Asphalt, tar saturated felts and boards for non-building use	27.5	(31.9)	27.8	20.6	21.1	21.5	(NA)	(NA)
29522	Roofing asphalts, pitches, coatings, and cements	101.4	123.5	118.3	100.9	94.4	67.9	41.9	28.1
29523	Asphalt and tar roofing and siding products	375.2	350.4	364.6	368.7	338.6	313.6	(NA)	(NA)
29520	Asphalt felts and coatings, n.s.k.	15.3	(.2)	(.3)	5.6	5.4	5.1	(NA)	(NA)
2992-	Lubricating oils and greases made from purchased materials	443.4	474.6	447.9	419.2	425.6	244.5	198.3	(NA)
29990	Petroleum and coal products, n.e.c.	79.6	66.6	65.1	67.9	69.3	67.0	61.2	47.2

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses for the value of shipments either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, at the individual product level, the estimates may be of limited reliability; however, they may be combined with other product-class totals into broader aggregates which are of acceptable reliability.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2911.--PETROLEUM REFINING					
	Materials, containers, and supplies, total	.....	(X)	14,540.9	(X)	12,384.0
	Crude petroleum, including field condensate	Million bbls.	3,621.2	11,246.8	3,156.4	9,743.6
131201	Domestic	...do.	3,202.9	9,981.8	2,742.9	8,487.3
131202	Foreign	...do.	418.3	1,265.0	413.5	1,256.4
291181	Foreign unfinished oils (received from foreign countries for further processing)	...do.	30.8	100.4	(X)	(NA)
131321	Plant condensate	...do.	30.1	94.2	17.7	57.5
131322	Natural gasoline, mixed and crude, including drip gasoline	...do.	88.2	281.6	104.5	297.8
132123	Liquefied petroleum gases, including feedstocks[1]	...do.	176.9	462.0	134.4	341.7
291107	Benzol (benzene) (100% C_6H_6)	...do.	1.6	14.3	2.7	24.7
	Additives, except animal and vegetable oil:					
280011	Antioxidants, antiknock compounds, and inhibitors	1,000 bbls.	2,624	412.5	2,531	284.0
280012	Other additives, including soaps and detergents	...do.	2,132	102.5	1,904	99.1
209001	Animal and vegetable oils	...do.	121	5.4	100	6.1
281980	Chemical catalytic preparations	.....	(X)	98.1	(X)	71.4
941121	Crankcase drainings and other used oils consumed for refining or reclaiming	1,000 bbls.	2,493	5.6	3,158	8.8
281238	Sodium hydroxide (100% NaOH) (caustic soda)	1,000 short tons.	277.8	14.3	243.6	14.3
281931	Sulfuric acid (100% H_2SO_4) (except spent)	...do.	1,952.2	40.0	1,667.3	33.3
	Containers:					
340001	Metal	.....	(X)	62.1	(X)	80.9
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes	.....	(X)	13.1	(X)	12.3
265522	Cans, bodies with combinations of fiber and other materials (foil, plastic, etc.) with metal ends	.....	(X)	37.4	(X)	23.8
970089	Cost of materials received from petroleum refineries and lube manufacturers (represents cost of materials for which quantities are shown in the "Receipts" column of table 3A)	.....	(X)	985.7	(X)	806.9
970099	All other materials, components, parts, containers, and supplies consumed	.....	(X)	469.5	(X)	464.1
973000	Materials, containers, and supplies, n.s.k.[2]	.....	(X)	95.4	(X)	13.5
	INDUSTRY 2951.-- PAVING MIXTURES AND BLOCKS					
	Materials, containers, and supplies, total	.....	(X)	301.9	(X)	223.5
	Asphalt:					
291191	Less than 200 penetration	1,000 short tons.	4,761.4	104.5	4,007.0	86.0
291195	200 and over penetration	Million bbls.	(S)	11.0	3.3	9.6
144201	Sand and gravel	1,000 short tons.	35,354.6	59.9	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	61.9	(X)	89.9
973000	Materials, containers, and supplies, n.s.k.[2]	.....	(X)	64.6	(X)	38.0
	INDUSTRY 2952.--ASPHALT FELTS AND COATINGS					
	Materials, containers, and supplies, total	.....	(X)	317.3	(X)	285.0
	Asphalt:					
291191	Less than 200 penetration	1,000 short tons.	3,213.6	64.5	3,280.8	67.8
291195	200 and over penetration	Million bbls.	9.1	27.6	8.6	25.9
266101	Roofing felts (unsaturated), other construction paper and insulating board	1,000 short tons.	1,535.3	81.9	1,283.2	77.4
329501	Roofing granules	...do.	1,895.9	47.9	1,686.4	43.8
144201	Sand and gravel	...do.	578.4	3.1	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	76.6	(X)	62.6
973000	Materials, containers, and supplies, n.s.k.[2]	.....	(X)	15.7	(X)	7.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 2992.--LUBRICATING OILS AND GREASES					
	Materials, containers, and supplies, total	.....	(X)	257.0	(X)	250.5
	Additives (except animal and vegetable oil):					
280011	Antioxidants, antiknock compounds, and inhibitors	1,000 bbls	231	6.4	60	2.6
280012	Other additives, including soaps and detergents	...do	381	21.7	269	19.4
209001	Animal and vegetable oils	...do	496	11.2	225	5.8
941121	Crankcase drainings and other used oils consumed for refining or reclaiming	...do	(X)	.2	242	0.4
281238	Sodium hydroxide,(100% NaOH) (caustic soda)	1,000 short tons	7.7	.6	4.6	0.3
	Containers:					
340001	Metal	.....	(X)	22.3	(X)	29.9
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes	.....	(X)	2.6	(X)	2.4
265522	Cans, bodies with combinations of fiber and other materials (foil, plastic, etc.) with metal ends	.....	(X)	13.6	(X)	9.3
970089	Cost of materials received from petroleum refineries and lube manufacturers (represents cost of materials for which quantities are shown in the "Receipts" column of table 3A)	.....	(X)	119.0	(X)	110.1
970099	All other materials, containers, components, parts and supplies consumed	.....	(X)	35.0	(X)	47.5
973000	Materials, containers and supplies, n.s.k[2]	.....	(X)	24.4	(X)	23.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [c]From 10 to 30 percent of this figure was estimated.

[1]Represents liquefied petroleum gases from natural gasoline plants only.

[2]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Petroleum refining (SIC 2911)	Paving mixtures and blocks (SIC 2951)	Asphalt felts and coatings (SIC 2952)
	Cost of purchased fuels and electric energy, total....	Million dollars.	416.9	23.3	11.8
	Cost of purchased fuels, total.....	...do.....	294.1	16.5	8.4
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	776.9	-	88.7
	Cost.....	Million dollars.	4.3	-	.7
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	7,263.1	2,384.2	795.1
	Cost.....	Million dollars.	14.8	6.8	2.0
291141	Distillate:				
	Quantity.....	1,000 barrels...	354.5	1,869.2	167.1
	Cost.....	Million dollars.	.8	5.0	.5
291151	Residual:				
	Quantity.....	1,000 barrels...	6,908.6	515.0	628.0
	Cost.....	Million dollars.	14.0	1.8	1.5
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Million cu. ft..	1,119,854.8	8,288.2	8,557.0
	Cost.....	Million dollars.	254.4	3.8	2.9
960013	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	8.5	1.1	.6
	Fuels, n.s.k.....	...do.....	12.1	4.8	2.0
	Purchased electric energy:				
	Quantity.....	Million kw.hrs..	17,474.0	352.2	25.9
	Cost.....	Million dollars.	122.8	6.8	3.4
	Quantity of electric energy generated less quantity sold.....	Million kw.hrs..	4,088.0	.1	.6
	Total energy used for heat and power[1].....	Million kw.hrs. equivalent.....	394,495.5	12,890.4	7,468.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new
			Number	Payroll	Number	Man-hours	Wages				
		(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
2911	PETROLEUM REFINING										
	ENTIRE INDUSTRY	437	106.7	965.0	75.6	151.6	632.2	4 745.0	15 683.7	20 293.9	956.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	421	102.7	926.4	73.1	146.1	610.6	4 507.3	15 385.2	19 752.0	848.7
29111	GASOLINE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	181	90.0	822.2	63.9	127.2	541.6	4 161.6	14 233.2	18 268.8	794.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	24	3.8	32.6	2.7	5.5	22.2	181.8	678.6	849.2	(D)
29112	JET FUEL										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	10	.7	6.2	.4	.9	3.1	21.4	108.6	129.2	2.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29113	KEROSENE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29114	DISTILLATE FUEL OIL										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29115	RESIDUAL FUEL OIL										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	8	1.1	9.8	.8	1.6	6.5	13.0	34.0	46.4	.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29116	LIQUEFIED REFINERY GASES (FEED STOCK, OTHER USES)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	19	5.0	48.1	3.1	6.7	28.5	311.5	422.9	734.3	64.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	14	2.4	23.6	1.6	3.3	14.7	147.3	229.1	372.4	34.1
29117	LUBRICATING OILS AND GREASES, MADE IN REFINERIES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	49	3.6	27.5	2.7	5.6	18.4	63.7	335.2	392.7	5.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	33	.7	5.6	.5	.9	3.0	12.6	23.4	35.6	.7
29118	UNFINISHED OILS AND LUBRICATING OIL BASE STOCK										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	12	1.4	11.9	1.1	2.2	8.6	22.6	189.2	210.8	4.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	7	.9	8.5	.7	1.4	5.9	11.5	119.5	130.4	.9
29119	ASPHALT										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	28	1.3	9.7	1.0	1.9	6.8	27.1	107.3	134.9	2.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	10	.4	2.8	.3	.5	2.1	8.5	34.8	44.2	.6
2951	PAVING MIXTURES AND BLOCKS										
	ENTIRE INDUSTRY	872	12.2	90.0	8.5	18.0	58.4	234.7	350.1	584.6	23.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	814	10.0	73.7	7.0	14.5	47.1	194.8	306.3	500.8	20.6
2952	ASPHALT FELTS AND COATINGS										
	ENTIRE INDUSTRY	226	14.4	96.3	10.4	22.9	66.2	221.1	373.8	597.8	8.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	203	11.4	75.5	8.6	18.9	53.6	171.6	320.2	494.1	6.3
29521	ASPHALT, TAR SATURATED FELTS AND BOARDS, NONBLDS.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	11	.7	4.0	.5	1.0	2.5	10.2	11.5	21.5	.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
29522	ROOFING ASPHALTS, PITCHES, COATINGS, AND CEMENTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	63	2.1	14.1	1.0	2.1	6.0	36.9	55.9	92.8	1.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	48	1.0	7.0	.7	1.5	4.5	18.5	41.5	60.0	.9
29523	ASPHALT AND TAR ROOFING AND SIDING PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	100	10.9	74.0	8.5	19.0	55.3	164.1	290.3	457.7	5.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	89	8.1	53.2	6.1	13.6	38.2	121.1	232.2	355.6	4.6
2992	LUBRICATING OILS AND GREASES										
	ENTIRE INDUSTRY	298	7.3	58.0	3.9	7.9	24.3	200.7	284.6	487.3	8.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	279	6.5	52.0	3.4	6.9	21.5	187.7	260.0	448.1	8.2
2999	PETROLEUM AND COAL PRODUCTS, NEC										
	ENTIRE INDUSTRY	47	1.1	6.9	.8	1.7	5.2	24.4	56.2	79.8	1.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	46	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

Rubber and Plastics Products, N.E.C.

30A Rubber and miscellaneous plastics products

This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments manufacturing or rebuilding retreaded tires, but automobile tire repair shops engaged in recapping and retreading automobile tires are classified in services. Major Group 30 also includes establishments engaged in molding primary plastics for the trade and manufacturing miscellaneous finished plastics products. The manufacture of elastic webbing is classified in Major Group 22; products made of elastic webbing and garments made from rubberized fabrics in Major Group 23; synthetic rubber in industry 2822; and plastics materials in the form of sheets, rods, tubes, granules, powders, and liquids in industry 2821.

TABLE 1. General Statistics: 1967 and Earlier Years

(See Appendix, Explanation of Terms)

Year and item	Establishments		All employees[1]		Production workers			Value added by manufacture[2]	Cost of materials[3]	Value of shipments[3]	Capital expenditures new[4]
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1967[6]	6 535	2 533	531.0	3 421.8	410.1	815.5	2 312.5	6 799.5	5 974.4	12 758.6	677.2
1963	5 800	2 588	426.7	2 470.8	328.8	658.5	1 672.5	4 654.0	4 480.1	9 116.2	343.5
1958[5]	4 502	1 846	356.1	1 785.5	270.5	531.0	1 211.4	3 276.6	(NA)	6 599.6	197.1
1954	(NA)	(NA)	252.5	1 103.0	196.2	377.4	775.5	1 954.4	(NA)	(NA)	128.4
ADMINISTRATIVE AND AUXILIARY UNITS:											
1967[6]	79	45	14.3	135.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1963[6]	72	39	11.8	106.7	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958[6]	40	19	8.3	62.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954[5,6]	(NA)	(NA)	5.9	43.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1967[6]	6 456	3 122	516.7	3 286.5	410.1	815.5	2 312.5	6 799.5	5 974.4	12 758.6	677.2
1963	5 728	2 449	415.0	2 364.0	328.8	658.5	1 672.4	4 654.0	4 480.1	9 116.2	343.5
1958	4 562	1 827	347.8	1 723.3	270.5	531.0	1 211.4	3 276.6	(NA)	6 599.6	197.1
1954	1 406	753	246.5	1 059.3	196.2	377.4	775.5	1 954.4	(NA)	(NA)	128.4
OPERATING MANUFACTURING ESTABLISHMENTS:											
1966[7]	(NA)	(NA)	491.8	3 072.0	390.6	799.9	2 174.3	6 277.1	5 825.5	11 976.0	599.9
1965[7]	(NA)	(NA)	465.2	2 813.9	368.8	747.1	1 985.3	5 681.4	5 276.5	10 863.2	516.0
1964[7]	(NA)	(NA)	430.1	2 546.9	340.7	695.9	1 798.5	4 990.9	4 789.3	9 723.2	399.4
1962[7]	(NA)	(NA)	398.1	2 249.5	313.8	636.7	1 584.5	4 316.1	4 255.8	8 519.4	354.0
1961[7]	(NA)	(NA)	370.6	2 018.9	288.0	577.0	1 401.6	3 915.6	3 827.7	7 742.4	282.7
1960[7]	(NA)	(NA)	378.1	1 998.1	295.9	589.7	1 399.9	3 772.6	(NA)	(NA)	298.7
1959[7]	(NA)	(NA)	379.3	1 968.3	300.1	600.1	1 406.1	3 792.9	(NA)	(NA)	214.4
1957[7]	(NA)	(NA)	259.9	1 309.9	205.3	402.8	953.7	2 462.1	(NA)	(NA)	148.7
1956[7]	(NA)	(NA)	265.0	1 260.3	211.3	414.7	931.1	2 417.7	(NA)	(NA)	152.3
1955[7]	(NA)	(NA)	264.9	1 257.3	213.4	437.3	946.6	2 377.1	(NA)	(NA)	126.7
1953[7]	(NA)	(NA)	269.8	1 140.0	218.9	432.4	866.2	2 021.4	(NA)	(NA)	127.1
1952[7]	730	(NA)	255.1	1 042.2	205.9	408.5	785.5	1 744.1	(NA)	(NA)	126.9
1951[7]	743	(NA)	252.8	962.6	206.6	414.7	734.9	1 729.3	(NA)	(NA)	113.7
1950[7]	838	(NA)	238.7	837.0	196.3	392.4	644.4	1 619.9	(NA)	(NA)	80.0
1949[7]	(NA)	(NA)	222.4	713.4	180.3	342.3	532.5	1 194.7	(NA)	(NA)	63.3
1947	872	(NA)	258.2	781.4	213.8	423.7	613.2	1 299.5	(NA)	(NA)	109.8
1939	695	(NA)	149.7	226.9	120.7	(NA)	161.4	406.2	(NA)	(NA)	(NA)
1937	578	(NA)	150.0	216.3	129.8	(NA)	171.3	368.8	(NA)	(NA)	(NA)
1935	566	(NA)	131.5	169.4	114.7	(NA)	133.7	308.8	(NA)	(NA)	(NA)
1933	408	(NA)	121.2	125.4	106.3	(NA)	99.1	261.3	(NA)	(NA)	(NA)
1931	553	(NA)	(NA)	(NA)	99.3	(NA)	112.6	361.4	(NA)	(NA)	(NA)
1929	525	(NA)	172.0	262.7	149.1	(NA)	207.3	538.8	(NA)	(NA)	(NA)
1927	516	(NA)	168.6	258.7	142.0	(NA)	198.1	564.7	(NA)	(NA)	(NA)
1925[8]	530	(NA)	(NA)	(NA)	141.9	(NA)	191.3	539.1	(NA)	(NA)	(NA)
1923	529	(NA)	160.1	231.0	137.9	(NA)	182.1	457.4	(NA)	(NA)	(NA)
1921	596	(NA)	124.6	170.9	103.3	(NA)	123.6	327.0	(NA)	(NA)	(NA)
1919	577	(NA)	206.1	279.0	158.5	(NA)	193.8	543.9	(NA)	(NA)	(NA)
1914	342	(NA)	88.7	60.4	74.0	(NA)	44.2	138.0	(NA)	(NA)	(NA)
1909	367	(NA)	56.0	33.0	49.3	(NA)	25.1	74.7	(NA)	(NA)	(NA)
1904	365	(NA)	47.6	24.6	43.9	(NA)	20.1	68.0	(NA)	(NA)	(NA)
1899	301	(NA)	39.1	18.6	36.6	(NA)	15.4	39.6	(NA)	(NA)	(NA)

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1]The figures for 1939 to 1967 include data for employees at manufacturing establishments who were engaged in distribution and in construction work. The extent to which data for such employees were included in the figures for earlier years is not known.

[2]For the period 1954 to 1967, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture.

[3]The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

[4]The figures for 1958 to 1967 include expenditures for plants under construction and not yet in operation.

[5]Based upon the 1957 revisions of the Standard Industrial Classification Manual, establishments engaged in molding plastics products for the trade and fabricating miscellaneous finished plastics products were reclassified from Major Group 39, Miscellaneous manufacturing industries to Major Group 30. Data for years prior to 1958 exclude data for plastic products.

[6]In addition to data for operating establishments 1954, 1958, 1963, and 1967 figures are shown for manufacturer's central administrative offices and auxiliary units. Similar data are shown for the years 1949 to 1953, 1955 to 1957, 1959 to 1962, and 1964 to 1966 in annual survey of manufactures volumes. Data for these units are not available for the years prior to 1949.

[7]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

[8]The figures for 1925 to 1967, but not for earlier years, include data for establishments primarily engaged in manufacture of rubber cement and rubber toy ballons. Value added by manufacture for 1925, excluding data for these estal lishments and on a basis comparable with earlier years, was $536.6 million.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
30	RUBBER AND PLASTICS PRODUCTS, NEC.	6 456	3 122	516.7	3 286.5	410.1	815.5	2 312.5	6 799.5	5 974.4	12 758.6	677.2	415.0	4 654.0
	NORTHEAST REGION	2 309	1 171	169.8	1 014.6	136.3	267.2	705.1	1 986.8	1 640.4	3 615.1	(D)	144.4	1 432.8
	NEW ENGLAND DIVISION	690	399	71.5	421.2	57.9	111.4	295.8	798.3	643.2	1 440.6	(D)	64.9	623.5
	MAINE	25	17	3.0	13.0	2.6	5.1	9.9	22.1	24.4	46.3	4.0	2.0	12.3
	NEW HAMPSHIRE	32	21	6.1	29.0	5.5	10.4	23.1	49.3	37.6	85.4	4.1	3.3	20.8
	VERMONT	12	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	11.5
	MASSACHUSETTS	387	230	36.5	224.3	28.7	55.8	152.1	418.0	369.5	786.9	28.4	33.6	325.0
	RHODE ISLAND	65	33	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7.9	83.3
	CONNECTICUT	169	91	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	16.9	170.6
	MIDDLE ATLANTIC DIVISION	1 619	772	98.3	593.4	78.4	155.8	409.3	1 188.5	997.2	2 174.5	102.6	79.5	809.3
	NEW YORK	768	318	33.5	193.5	27.2	54.1	134.2	387.6	322.3	705.4	28.9	28.2	256.8
	NEW JERSEY	512	277	34.0	207.7	27.0	54.0	141.7	404.9	337.9	738.8	33.6	28.0	284.1
	PENNSYLVANIA	339	177	30.8	192.2	24.2	47.7	133.3	396.0	336.9	730.3	40.1	23.3	268.4
	NORTH CENTRAL REGION	2 114	1 124	219.6	1 489.3	171.4	336.7	1 044.7	2 957.2	2 672.4	5 631.5	(D)	175.9	2 060.5
	EAST NORTH CENTRAL DIVISION	1 752	957	192.6	1 319.7	149.3	293.5	916.1	2 553.1	2 336.6	4 899.4	(D)	157.4	1 824.1
	OHIO	549	317	93.4	695.3	70.1	136.1	477.1	1 330.6	1 273.6	2 611.8	(D)	80.5	968.7
	INDIANA	210	119	28.8	176.7	23.0	44.8	126.9	330.6	293.2	624.6	(D)	22.4	243.2
	ILLINOIS	518	285	38.0	234.6	30.3	61.5	160.7	474.3	375.3	848.5	(D)	28.5	308.1
	MICHIGAN	327	164	22.8	152.0	18.0	35.6	106.6	292.4	286.6	579.5	(D)	19.0	232.8
	WISCONSIN	148	72	9.5	61.1	7.8	15.6	44.9	125.2	107.9	235.0	8.2	7.0	71.3
	WEST NORTH CENTRAL DIVISION	362	167	27.1	169.6	22.1	43.2	128.6	404.1	335.9	732.1	(D)	18.5	236.5
	MINNESOTA	126	51	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.5	37.2
	IOWA	41	21	7.7	53.7	6.1	11.8	41.2	122.5	107.3	222.7	(D)	(D)	(D)
	MISSOURI	130	71	7.9	41.8	6.6	12.7	30.1	90.4	85.1	176.4	(D)	5.4	53.5
	NEBRASKA	20	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	15.6
	KANSAS	35	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	927	424	81.3	476.2	67.5	136.4	358.9	1 203.1	1 127.8	2 325.5	160.8	57.8	718.8
	SOUTH ATLANTIC DIVISION	479	219	38.8	211.3	32.5	65.5	156.2	489.9	441.6	928.4	90.0	28.1	266.8
	DELAWARE	20	14	3.5	23.9	2.8	5.4	17.0	42.6	34.1	76.2	6.9	(D)	(D)
	MARYLAND	48	27	9.7	59.0	8.5	16.8	47.2	113.2	108.8	223.9	6.5	10.6	87.9
	VIRGINIA	49	24	6.6	33.9	5.3	11.0	23.9	79.6	65.8	143.1	32.7	4.7	40.7
	WEST VIRGINIA	14	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	83	46	7.2	34.9	6.0	12.0	25.1	76.9	81.8	156.6	22.3	3.5	33.9
	SOUTH CAROLINA	26	14	3.2	19.0	2.5	5.2	12.4	65.3	37.7	102.5	8.0	2.2	34.8
	GEORGIA	75	39	3.8	18.7	3.2	6.9	13.9	66.7	67.3	134.4	8.9	2.5	26.8
	FLORIDA	162	48	3.6	17.2	3.1	6.3	12.6	34.2	32.7	67.0	4.3	1.5	12.3
	EAST SOUTH CENTRAL DIVISION	164	95	25.0	160.9	20.7	41.6	125.5	426.7	429.9	855.0	42.9	18.7	282.4
	KENTUCKY	33	19	3.9	22.0	3.1	6.6	16.5	69.3	51.3	121.0	14.6	2.1	33.5
	TENNESSEE	66	37	9.5	57.5	7.7	14.7	43.8	116.8	157.3	273.2	9.0	7.6	83.0
	ALABAMA	40	21	7.8	56.3	6.6	13.3	45.6	190.5	149.7	340.6	9.3	6.5	133.6
	MISSISSIPPI	25	18	3.9	25.1	3.2	7.0	19.6	50.1	71.7	120.2	9.9	2.5	32.3
	WEST SOUTH CENTRAL DIVISION	284	110	17.4	104.0	14.4	29.3	77.2	286.5	256.3	542.1	27.9	11.0	169.6
	ARKANSAS	35	18	4.9	26.6	4.2	8.7	20.2	78.4	70.6	149.4	3.3	1.6	18.8
	LOUISIANA	15	4	.2	1.3	.2	.5	1.0	2.5	4.0	6.4	1.7	.2	3.2
	OKLAHOMA	40	16	3.1	20.4	2.6	4.8	16.2	59.9	48.0	107.9	4.7	2.5	47.4
	TEXAS	194	72	9.1	55.7	7.4	15.3	39.9	145.6	133.8	278.4	18.2	6.8	100.3
	WEST REGION	1 106	403	46.0	306.4	34.9	75.2	203.8	652.2	533.9	1 186.5	54.8	37.0	444.9
	MOUNTAIN DIVISION	115	26	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.8	99.6
	COLORADO	46	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW MEXICO	7	3	.2	.7	.1	.2	.4	1.0	1.2	2.2	(Z)	(D)	(D)
	ARIZONA	24	7	.6	2.8	.4	.7	1.8	4.2	4.6	8.8	.4	(D)	(D)
	UTAH	24	6	.7	3.7	.6	1.1	2.8	7.6	4.3	11.1	.9	(D)	(D)
	PACIFIC DIVISION	991	377	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	30.2	345.3
	WASHINGTON	63	16	.8	5.1	.7	1.2	3.6	10.7	9.6	20.0	3.1	.5	5.4
	OREGON	47	6	.6	4.0	.5	.9	2.5	7.2	5.8	13.0	.8	.4	4.7
	CALIFORNIA	870	353	37.2	243.7	28.8	63.3	165.4	523.0	448.3	972.4	45.2	29.3	334.6
301	TIRES AND INNER TUBES	182	110	92.7	774.5	71.4	136.5	573.8	1 823.0	1 895.2	3 733.9	198.8	85.3	1 321.7
	NORTHEAST REGION	27	18	11.6	88.7	9.4	17.8	69.0	229.0	226.4	456.5	20.6	10.2	165.2
	NEW ENGLAND DIVISION	8	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	3	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	19	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW YORK	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PENNSYLVANIA	15	10	6.2	45.4	5.0	9.1	34.0	122.6	105.8	227.7	10.0	55	101.4
	NORTH CENTRAL REGION	60	35	50.2	439.9	37.3	70.4	315.1	986.1	1 010.5	2 004.8	(D)	47.6	723.2
	EAST NORTH CENTRAL DIVISION	47	29	42.7	377.1	31.0	58.2	264.7	817.2	842.0	1 674.0	(D)	41.5	609.3
	OHIO	27	17	31.1	277.2	22.4	41.6	193.2	576.9	617.9	1 203.8	(D)	31.0	437.7
	INDIANA	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	8	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MICHIGAN	4	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WISCONSIN	3	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST NORTH CENTRAL DIVISION	13	6	7.5	62.8	6.3	12.3	50.4	169.0	168.6	330.8	(D)	6.2	114.0
	IOWA	5	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	2	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
301	TIRES AND INNER TUBES--CONTINUED													
	SOUTH REGION	61	36	21.9	170.9	18.2	35.8	137.4	452.7	492.0	944.3	80.2	18.2	315.9
	SOUTH ATLANTIC DIVISION	20	10	4.0	32.9	3.3	7.0	25.7	78.2	83.4	160.6	47.2	3.2	43.5
	MARYLAND	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	19	16	12.1	95.7	10.1	19.6	77.5	230.8	284.3	514.1	24.6	10.4	168.7
	KENTUCKY	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	7	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA	8	6	5.6	45.5	4.9	9.7	37.9	134.1	124.8	258.0	7.1	(D)	(D)
	MISSISSIPPI	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	22	10	5.7	42.3	4.8	9.2	34.2	143.7	124.3	269.6	8.4	4.6	103.7
	ARKANSAS	5	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	13	5	2.4	17.9	2.0	3.9	14.1	59.4	55.1	114.5	3.6	(D)	(D)
	WEST REGION	34	21	9.0	75.0	6.6	12.5	52.4	155.1	166.2	328.4	(D)	9.3	117.5
	MOUNTAIN DIVISION	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	33	20	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	28	17	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
302	RUBBER FOOTWEAR	65	55	29.1	141.1	25.7	46.5	112.8	244.9	180.1	427.0	9.6	29.1	217.0
	NORTHEAST REGION	40	35	19.2	97.8	16.7	29.3	76.8	162.4	117.3	282.0	4.1	22.2	178.5
	NEW ENGLAND DIVISION	22	20	15.6	82.1	13.4	22.9	63.9	133.6	92.7	229.4	3.6	(D)	(D)
	MAINE[c]	5	5	1.2	4.1	1.1	2.0	3.3	5.5	5.1	10.2	.4	.8	1.3
	NEW HAMPSHIRE	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	6	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	RHODE ISLAND	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	2	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	18	15	3.7	15.7	3.3	6.4	12.9	28.8	24.6	52.6	.5	(D)	(D)
	NEW YORK	9	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW JERSEY	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PENNSYLVANIA	7	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CENTRAL REGION	5	5	2.2	10.5	1.9	3.6	8.1	15.7	11.1	26.2	(D)	(D)	(D)
	EAST NORTH CENTRAL DIVISION	5	5	2.2	10.5	1.9	3.6	8.1	15.7	11.1	26.2	(D)	(D)	(D)
	INDIANA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WISCONSIN	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	15	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH ATLANTIC DIVISION	10	9	6.3	26.4	5.8	11.2	22.7	56.3	45.1	101.7	(D)	3.9	21.2
	MARYLAND	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	FLORIDA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARKANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
303	RECLAIMED RUBBER	24	13	1.7	11.8	1.4	2.5	8.9	23.4	19.6	43.8	1.6	2.0	27.4
	NORTH CENTRAL REGION	11	6	1.2	8.5	1.0	1.7	6.4	16.1	14.8	31.1	(D)	(D)	(D)
	EAST NORTH CENTRAL DIVISION	11	6	1.2	8.5	1.0	1.7	6.4	16.1	14.8	31.1	(D)	(D)	(D)
	OHIO	8	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
306	FABRICATED RUBBER PRODUCTS, NEC.	1 189	671	141.6	923.0	107.6	215.1	618.3	1 740.5	1 404.3	3 139.4	134.6	132.2	1 427.0
	NORTHEAST REGION	410	229	46.3	303.9	34.7	69.4	197.7	566.3	424.1	990.5	(D)	44.8	476.8
	NEW ENGLAND DIVISION	154	97	21.6	146.2	16.0	32.8	92.1	267.4	208.1	473.9	(D)	21.2	229.3
	NEW HAMPSHIRE	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VERMONT	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	81	50	11.7	83.8	8.2	17.3	50.1	146.4	125.0	270.5	(D)	12.0	138.4
	RHODE ISLAND	16	11	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.1	29.3
	CONNECTICUT	47	31	5.2	34.3	3.9	8.1	22.4	65.1	47.5	112.6	6.2	(D)	(D)
	MIDDLE ATLANTIC DIVISION	256	132	24.7	157.8	18.7	36.6	105.6	298.9	216.2	516.6	17.3	23.6	247.5
	NEW YORK	84	27	5.7	32.4	4.4	8.4	21.8	68.0	52.2	121.9	(D)	5.8	56.3
	NEW JERSEY	106	64	11.5	75.0	9.0	17.4	51.6	141.9	99.4	241.8	7.7	10.8	111.3
	PENNSYLVANIA	66	41	7.5	50.4	5.4	10.8	32.2	89.0	64.5	152.9	(D)	6.9	80.0
	NORTH CENTRAL REGION	431	262	63.8	433.8	48.2	95.1	292.8	763.8	655.1	1 416.9	(D)	60.8	644.0
	EAST NORTH CENTRAL DIVISION	379	236	59.0	404.2	44.2	87.4	270.8	689.3	618.0	1 304.3	(D)	57.0	599.5
	OHIO	164	106	32.4	232.6	23.6	46.2	151.2	382.4	351.8	731.8	(D)	32.0	327.5
	INDIANA	49	35	13.0	84.2	10.2	19.7	60.9	134.3	128.3	264.4	(D)	(D)	(D)
	ILLINOIS	81	45	7.9	52.2	5.9	12.2	34.5	105.5	75.1	179.3	(D)	7.0	82.6
	MICHIGAN	59	37	4.8	29.2	3.8	7.8	20.5	54.5	54.2	107.8	3.1	(D)	(D)
	WISCONSIN	26	13	.9	5.8	.7	1.5	3.6	12.5	8.5	20.9	.5	(D)	(D)
	WEST NORTH CENTRAL DIVISION	52	26	4.9	29.6	4.0	7.7	22.0	74.5	37.1	112.5	(D)	3.8	44.5
	MINNESOTA	21	12	1.4	8.8	1.1	2.2	6.6	19.1	9.4	28.2	1.2	(D)	(D)
	MISSOURI	18	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEBRASKA	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	174	102	19.6	103.8	16.3	33.4	76.9	226.5	212.9	436.6	17.9	14.9	137.0
	SOUTH ATLANTIC DIVISION	90	57	10.8	59.1	9.1	18.2	43.8	121.9	121.6	243.2	(D)	9.5	88.0
	DELAWARE	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	12	10	1.6	8.7	1.4	2.8	6.2	13.0	12.1	26.0	.7	1.8	12.9
	VIRGINIA	14	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	5	4	1.0	4.1	.9	1.6	3.7	10.3	12.5	22.7	.4	(D)	(D)
	NORTH CAROLINA	13	8	2.2	13.0	1.8	3.7	9.1	27.6	23.8	50.8	(D)	1.6	19.3
	SOUTH CAROLINA	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	23	15	1.1	5.3	.9	1.9	3.6	13.5	31.1	45.3	(D)	1.4	12.8
	FLORIDA	13	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	34	23	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.3	29.6
	KENTUCKY	6	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	14	11	3.0	15.8	2.4	5.0	11.2	35.2	38.4	72.0	1.8	1.9	16.9
	MISSISSIPPI	8	4	.8	3.2	.7	1.4	2.5	5.7	6.8	12.3	.6	.5	3.4
	WEST SOUTH CENTRAL DIVISION	50	22	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	19.4
	ARKANSAS	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	5.6
	TEXAS	38	16	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	174	78	11.8	81.5	8.3	17.1	50.8	183.8	112.2	295.4	11.7	11.8	169.2
	MOUNTAIN DIVISION	15	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	5	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH	4	3	.5	3.0	.4	.9	2.3	6.2	3.2	8.6	(D)	(D)	(D)
	PACIFIC DIVISION	159	72	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OREGON	7	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	146	69	7.5	48.2	5.6	11.6	31.7	99.3	76.4	174.4	7.1	7.4	88.3
307	MISCELLANEOUS PLASTICS PRODUCTS	4 996	2 273	251.6	1 436.1	204.0	414.9	998.7	2 967.7	2 475.2	5 414.5	332.6	166.3	1 660.9
	NORTHEAST REGION	1 827	886	92.6	523.4	75.4	150.5	361.0	1 027.6	871.6	1 883.6	(D)	66.9	608.5
	NEW ENGLAND DIVISION	505	276	30.3	161.6	25.3	49.6	115.1	335.1	270.7	598.6	(D)	21.9	191.7
	MAINE	13	9	1.7	7.8	1.3	2.8	5.7	15.2	17.0	32.4	3.4	1.1	9.7
	NEW HAMPSHIRE	22	13	3.6	18.4	3.3	6.5	14.9	32.2	26.5	58.1	(D)	1.6	11.0
	VERMONT	11	6	1.0	4.5	.9	1.8	3.4	8.3	4.9	13.1	(D)	(D)	(D)
	MASSACHUSETTS	296	173	15.5	82.6	12.7	24.8	57.3	168.0	151.6	314.6	(D)	12.0	100.9
	RHODE ISLAND	45	18	2.3	10.7	2.1	4.0	8.4	45.2	20.6	64.5	(D)	(D)	(D)
	CONNECTICUT	118	57	6.2	37.6	4.9	9.9	25.4	66.2	50.2	115.8	(D)	4.6	37.4
	MIDDLE ATLANTIC DIVISION	1 322	610	62.3	361.8	50.1	100.8	245.9	692.5	600.9	1 285.0	70.3	45.0	417.8
	NEW YORK	672	282	25.0	142.9	20.3	40.5	96.7	263.7	210.5	471.1	20.6	19.2	171.5
	NEW JERSEY	400	209	22.1	129.9	17.7	35.8	88.3	257.0	233.5	486.1	25.7	16.8	168.0
	PENNSYLVANIA	250	119	15.2	89.0	12.1	24.5	60.9	171.8	156.9	327.8	24.0	9.1	78.2
	NORTH CENTRAL REGION	1 607	816	102.2	596.7	83.0	165.9	422.3	1 175.5	980.9	2 152.6	(D)	64.0	661.4
	EAST NORTH CENTRAL DIVISION	1 310	681	87.5	519.5	71.1	142.7	366.2	1 014.9	850.8	1 863.8	(D)	55.6	585.0
	OHIO	349	189	28.9	178.9	23.3	47.0	127.6	355.9	291.5	648.4	(D)	16.5	189.2
	INDIANA	153	78	13.1	75.0	10.6	21.3	52.6	148.0	126.8	273.7	(D)	7.7	72.5
	ILLINOIS	427	233	26.8	158.8	21.9	44.0	110.1	307.9	238.5	545.0	(D)	19.7	209.4
	MICHIGAN	263	124	12.7	73.7	10.4	20.6	52.7	133.9	136.4	270.7	(D)	8.1	81.5
	WISCONSIN	118	57	6.0	33.1	4.9	9.7	23.3	69.1	57.6	126.1	(D)	3.6	32.4
	WEST NORTH CENTRAL DIVISION	297	135	14.7	77.2	11.8	23.2	56.1	160.6	130.2	288.8	(D)	8.4	76.4
	MINNESOTA	103	39	3.8	21.8	2.9	5.6	15.2	46.6	30.7	76.6	(D)	2.4	24.7
	IOWA	32	16	3.4	17.0	2.6	5.5	13.5	35.8	22.0	57.7	(D)	1.7	14.4
	MISSOURI	109	64	6.0	31.0	5.1	9.8	22.1	62.4	64.1	125.5	(D)	3.5	30.9
	NEBRASKA	14	8	.7	3.6	.5	1.1	2.3	7.0	5.4	12.5	(D)	(D)	(D)
	KANSAS	32	6	.7	3.5	.6	1.1	2.7	8.5	7.5	15.9	(D)	.4	3.2

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
307	MISCELLANEOUS PLASTICS PRODUCTS--CON.													
	SOUTH REGION	673	272	32.7	172.0	26.6	54.7	119.3	460.7	372.6	830.8	58.4	20.5	236.8
	SOUTH ATLANTIC DIVISION	359	143	17.6	93.0	14.3	29.1	63.9	233.5	191.5	422.9	29.7	11.5	114.1
	DELAWARE	17	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	11.7
	MARYLAND	32	13	1.9	9.6	1.5	3.0	6.6	17.5	15.0	32.6	1.2	2.6	22.0
	VIRGINIA	32	15	3.7	19.1	3.0	6.2	13.4	42.0	32.6	73.8	(D)	2.1	19.6
	NORTH CAROLINA	63	33	3.1	14.3	2.6	5.2	10.3	33.3	46.5	78.9	3.2	(D)	(D)
	SOUTH CAROLINA	17	8	2.6	16.2	2.0	4.2	10.3	59.2	32.1	91.0	6.9	1.8	31.3
	GEORGIA	43	17	1.5	7.9	1.3	2.7	5.9	31.4	20.3	51.5	7.3	.6	6.4
	FLORIDA	145	43	2.8	13.8	2.4	4.8	9.8	28.2	25.8	54.0	3.3	1.1	10.4
	EAST SOUTH CENTRAL DIVISION	106	53	6.8	34.4	5.6	11.6	25.2	119.8	86.6	208.2	12.5	4.7	78.7
	KENTUCKY	26	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	42	18	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA	25	13	2.1	10.3	1.7	3.5	7.4	55.6	24.2	81.2	2.2	1.6	(D)
	MISSISSIPPI	13	10	1.1	5.5	.9	2.0	4.2	15.0	18.3	33.2	1.6	.6	9.9
	WEST SOUTH CENTRAL DIVISION	208	76	8.3	44.5	6.7	14.1	30.2	107.4	94.5	199.8	16.3	4.3	44.1
	ARKANSAS	23	9	1.8	8.0	1.5	3.1	5.5	24.9	13.9	38.3	.9	(D)	(D)
	LOUISIANA	12	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	3.2
	OKLAHOMA	32	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	141	50	5.1	29.0	4.1	8.6	19.3	69.0	63.1	131.1	13.8	3.1	31.9
	WEST REGION	889	299	24.1	144.0	19.1	43.8	96.0	304.0	250.1	547.6	33.1	15.1	153.2
	MOUNTAIN DIVISION	99	19	1.4	6.7	1.1	2.0	4.5	13.1	11.8	24.3	(D)	(D)	(D)
	COLORADO	40	7	.5	2.6	.5	.9	2.0	7.2	5.0	11.6	(D)	(D)	(D)
	NEW MEXICO	7	3	.2	.7	.1	.2	.4	1.0	1.2	2.2	(Z)	.1	.8
	ARIZONA	19	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.1
	UTAH	20	3	.2	.7	.1	.2	.5	1.4	1.1	2.5	(D)	(D)	(D)
	PACIFIC DIVISION	790	280	22.8	137.3	18.0	41.8	91.5	290.8	238.3	523.3	(D)	(D)	(D)
	WASHINGTON	54	13	.7	4.0	.5	1.0	2.8	8.9	7.3	15.8	(D)	.4	3.6
	OREGON	37	3	.3	1.6	.2	.4	1.0	2.6	2.7	5.5	.4	.2	1.3
	CALIFORNIA	691	263	21.8	131.3	17.2	40.3	87.5	278.4	227.0	499.8	(D)	13.9	142.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: - Represents zero. X Not applicable. NA Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TABLE 3. Detailed Statistics: 1967

Item	Rubber and plastics products, n.e.c. (SIC 30)	Tires and inner tubes (SIC 301)	Rubber footwear (SIC 302)	Reclaimed rubber (SIC 303)	Fabricated rubber products, n.e.c. (SIC 306)	Miscellaneous plastics products (SIC 307)
ESTABLISHMENTS, TOTAL ..... NUMBER	6 456	182	65	24	1 189	4 996
WITH 1 TO 19 EMPLOYEES ..... DO	3 334	72	10	11	518	2 723
WITH 20 TO 99 EMPLOYEES ..... DO	2 089	38	13	6	401	1 631
WITH 100 EMPLOYEES OR MORE ..... DO	1 033	72	42	7	270	642
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	516.7	92.7	29.1	1.7	141.6	251.6
PAYROLL FOR YEAR, ALL EMPLOYEES ... MILLION DOLLARS	3 286.5	774.5	141.1	11.8	923.0	1 436.1
PRODUCTION WORKERS:						
AVERAGE FOR YEAR 1,000	410.1	71.4	25.7	1.4	107.6	204.0
MARCH ..... DO	404.0	73.4	26.1	1.4	106.8	196.3
MAY ..... DO	389.7	61.2	25.3	1.4	102.5	199.3
AUGUST ..... DO	421.9	75.4	25.7	1.4	109.6	209.8
NOVEMBER ..... DO	425.1	75.8	25.5	1.4	111.8	210.6
MAN-HOURS ..... MILLIONS	815.5	136.5	46.5	2.5	215.1	414.9
JANUARY-MARCH ..... DO	206.3	37.0	12.4	.7	55.8	100.4
APRIL-JUNE ..... DO	190.1	26.8	11.2	.4	49.6	102.1
JULY-SEPTEMBER ..... DO	200.1	32.7	10.3	.6	52.3	104.2
OCTOBER-DECEMBER ..... DO	219.0	40.0	12.6	.7	57.5	108.2
WAGES ..... MILLION DOLLARS	2 312.5	573.8	112.8	8.9	618.3	998.7
COST OF MATERIALS, ETC., TOTAL ..... DO	5 974.4	1 895.2	180.1	19.6	1 404.3	2 475.2
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . DO	5 146.7	1 514.8	130.7	17.1	1 228.7	2 255.4
COST OF RESALES ..... DO	554.2	334.1	23.0	.2	112.2	84.7
FUELS CONSUMED ..... DO	57.8	16.2	1.2	.5	18.1	21.8
PURCHASED ELECTRIC ENERGY ..... DO	117.3	24.5	2.7	1.7	26.9	61.6
CONTRACT WORK ..... DO	98.5	5.7	22.5	.1	18.5	51.7
VALUE OF SHIPMENTS, INCLUDING RESALES ..... DO	12 758.6	3 733.9	427.0	43.8	3 139.4	5 414.5
VALUE OF RESALES ..... DO	(D)	448.5	24.6	(D)	142.2	116.4
VALUE ADDED BY MANUFACTURE ..... DO	6 799.5	1 823.0	244.9	23.4	1 740.5	2 967.7
MANUFACTURERS' INVENTORIES:						
BEGINNING OF YEAR, TOTAL ..... DO	1 600.9	511.7	92.2	6.8	405.4	584.8
FINISHED PRODUCTS ..... DO	806.6	319.5	66.1	2.7	171.2	247.1
WORK IN PROCESS ..... DO	268.2	54.7	9.6	.3	99.3	104.3
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	526.1	137.5	16.6	3.8	134.9	233.3
END OF YEAR, TOTAL ..... DO	1 670.0	526.0	91.3	5.4	412.0	635.3
FINISHED PRODUCTS ..... DO	806.7	298.8	63.8	2.0	173.3	268.8
WORK IN PROCESS ..... DO	283.5	59.6	9.9	.3	102.6	111.1
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	579.6	167.5	17.7	3.1	136.0	255.3
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . DO	707.9	203.5	10.8	1.6	145.4	346.6
NEW PLANT AND EQUIPMENT, TOTAL ..... DO	677.2	198.8	9.6	1.6	134.6	332.6
NEW STRUCTURES AND ADDITIONS TO PLANT ... DO	139.6	29.5	1.1	.3	30.8	77.9
NEW MACHINERY AND EQUIPMENT ..... DO	537.6	169.3	8.5	1.3	103.9	254.7
USED PLANT AND EQUIPMENT ..... DO	30.8	4.7	1.2	(Z)	10.8	14.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. Z Under 50 thousand or under 50 employees.

[1]The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3011--Tires and Inner Tubes
3021--Rubber Footwear
3031--Reclaimed Rubber
3069--Fabricated Rubber Products, Not Elsewhere Classified
3079--Miscellaneous Plastics Products

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3011--TIRES AND INNER TUBES

This industry comprises establishments primarily engaged in manufacturing pneumatic casings inner tubes, and solid cushion tires for all types of vehicles, airplanes, farm equipment, and children's vehicles; tiring; and camelback, and tire repair and retreading materials. For a detailed list of products of industry 3011, refer to table 6A, product codes 3011000 to 3011539.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Tires and Inner Tubes Industry in 1967 totaled $3,733.9 million. This included shipments of tires and inner tubes (primary products), valued at $3,103.4 million, shipments of other products (secondary products) valued at $175.2 million, and miscellaneous receipts of $455.4 million.

This industry's shipments of tires and inner tubes (primary products) in 1967 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1967 consisted mainly of fabricated rubber products, n.e.c. ($90.1 million), and motor vehicle parts and accessories ($28.8 million).

Industry 3011 shipments of tires and inner tubes (primary products) in 1967 represented 99 percent (coverage ratio) of these products valued at $3,133.5 million shipped by all industries. In 1963, the coverage ratio was 99 percent. Other industries shipping tires and inner tubes (primary products) consisted mainly of industry 3069,Fabricated Rubber Products, N.E.C., $18.8 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3011, these establishments accounted for 0.1 percent of payroll and 0.1 percent of value added by manufacture.

3021--RUBBER FOOTWEAR

This industry comprises establishments primarily engaged in manufacturing all rubber footwear, waterproof fabric upper footwear, and other fabric upper footwear having rubber soles vulcanized to the uppers. Establishments primarily engaged in manufacturing rubber, composition, and fiber heels, soles, soling strips, and related shoemaking and repairing materials are classified in industry 3069. For a detailed list of products of industry 3021, refer to table 6A, product codes 3021000 to 3021098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Rubber Footwear Industry in 1967 totaled $427.0 million. This included miscellaneous receipts of $25.6 million.

Secondary products shipped by this industry in 1967 consisted mainly of shoes, except rubber ($20.4 million), and fabricated rubber products, n.e.c. ($17.6 million).

Shipments of rubber footwear by all industries were valued at $374.6 million. Other industries shipping rubber footwear (primary products) consisted mainly of industry 3069, Fabricated Rubber Products, N.E.C.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3021, these establishments accounted for 0.0 percent of payroll and 0.0 percent of value added by manufacture.

3031--RECLAIMED RUBBER

This industry comprises establishments primarily engaged in reclaiming rubber from scrap rubber tires, tubes and miscellaneous waste rubber articles by processes which result in a devulcanized, depolymerized or regenerated, replasticized product containing added ingredients. This product is sold for use as a raw material in the manufacture of rubber goods with or without admixture with crude rubber or artificial rubber. Establishments primarily engaged in the assembly and wholesale sale of scrap rubber are classified in trade industries. For a detailed list of products of industry 3031, refer to table 6A, product codes 3031000 to 3031011.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Reclaimed Rubber Industry in 1967 totaled $43.8 million. This included shipments of reclaimed rubber (primary products), valued at $35.4 million, shipments of other products (secondary products) valued at $7.2 million, and miscellaneous receipts of $1.2 million.

This industry's shipments of reclaimed rubber (primary products) in 1967 represented 83 percent (specialization ratio) of its total product shipments (primary and secondary).

Secondary products shipped by this industry in 1967 consisted mainly of fabricated rubber products, n.e.c.

Industry 3031 shipments of reclaimed rubber (primary products) in 1967 represented 75 percent (coverage ratio) of these products valued at $47.3 million shipped by all industries. In 1963, the coverage ratio was 77 percent. Other industries shipping reclaimed rubber (primary products) consisted mainly of industry 2818, Industrial Inorganic Chemicals, N.E.C.; industry 3011, Tires and Inner Tubes.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3031, these establishments accounted for 0.0 percent of payroll and 0.9 percent of value added by manufacture.

3069--FABRICATED RUBBER PRODUCTS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing industrial and mechanical rubber goods, rubberized fabrics, vulcanized rubber clothing, and miscellaneous rubber specialties and sundries. Establishments primarily engaged in rebuilding and retreading tires are classified in industry 7534. For a detailed list of products of industry 3069, refer to table 6A, product codes 3069000 to 3069898.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Fabricated Rubber Products, N.E.C., Industry in 1967 totaled $3,139.4 million. This included shipments of fabricated rubber products, n.e.c. (primary products), valued at $2,618.6 million, shipments of other products (secondary products) valued at $359.6 million, and miscellaneous receipts of $161.2 million.

This industry's shipments of fabricated rubber products, n.e.c. (primary products) in 1967 represented 88 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 86 percent. Secondary products shipped by this industry in 1967 consisted mainly of miscellaneous plastics products ($125.6 million).

Industry 3069 shipments of fabricated rubber products, n.e.c. (primary products) in 1967 represented 89 percent (coverage ratio) of these products valued at $2,927.6 million shipped by all industries. In 1963, the coverage ratio was 89 percent. Other industries shipping fabricated rubber products, n.e.c. (primary products) consisted mainly of industry 3011, Tires and Inner Tubes, $90.1 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3069, these establishments accounted for 0.5 percent of payroll and 0.5 percent of value added by manufacture.

3079--MISCELLANEOUS PLASTICS PRODUCTS

This industry comprises establishments primarily engaged in molding primary plastics for the trade, and fabricating miscellaneous finished plastics products. Establishments

primarily engaged in manufacturing plastics materials, made from resins produced within the plant) in the form of sheets, rods, tubes, granules, powders, or liquids are classified in industry 2821, and those primarily engaged in manufacturing artificial leather in industry 2295. For a detailed list of products of industry 3079, refer to table 6A, product codes 3079000 to 3079898.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Miscellaneous Plastics Products Industry in 1967 totaled $5,414.5 million. This included shipments of miscellaneous plastics products (primary products), valued at $4,885.9 million, shipments of other products (secondary products) valued at $349.8 million, and miscellaneous receipts of $178.8 million.

This industry's shipments of miscellaneous plastics products (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 92 percent. Secondary products shipped by this industry in 1967 consisted mainly of fabricated rubber products, n.e.c. ($49.6 million), special dies, tools, jigs, and fixtures ($41.6 million), and plastics materials and resins ($40.5 million).

Industry 3079 shipments of miscellaneous plastics products (primary products) in 1967 represented 84 percent (coverage ratio) of these products valued at $5,789.0 million shipped by all industries. In 1963, the coverage ratio was 80 percent. Other industries shipping miscellaneous plastics products (primary products) consisted mainly of industry 2821, Plastics Materials and Resins, $127.2 million; and industry 3069, Fabricated Rubber Products, N.E.C., $125.6 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3079, these establishments accounted for 1.6 percent of payroll and 1.5 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3011.--TIRES AND INNER TUBES														
1967 Census	182	110	92.7	774.5	71.4	136.5	573.8	1,823.0	1,895.2	3,733.9	198.8	526.0	95	99
1966 ASM[1]	(NA)	(NA)	93.1	778.7	71.8	149.4	586.9	1,767.7	2,000.4	3,715.8	153.0	531.0	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	88.7	719.4	68.2	141.5	536.4	1,607.2	1,818.3	3,381.2	159.5	472.8	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	85.8	663.7	66.4	136.6	494.3	1,362.6	1,713.5	3,048.4	132.7	448.9	(NA)	(NA)
1963 Census	155	96	85.3	621.7	66.3	131.8	460.1	1,321.7	1,623.1	2,949.7	112.8	413.2	(D)	99
1962 ASM[1]	(NA)	(NA)	86.3	618.8	67.6	137.6	463.1	1,278.1	1,602.3	2,883.7	123.3	408.6	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	86.2	569.0	66.4	129.5	419.1	1,260.8	1,443.6	2,723.0	113.8	408.6	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	92.0	589.6	72.2	140.2	438.5	1,271.6	1,607.9	2,844.3	133.4	423.0	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	94.6	596.4	75.3	147.0	452.0	1,313.4	1,660.6	2,947.1	73.9	404.7	(NA)	(NA)
1958 Census[2]	123	86	89.4	521.9	70.0	133.3	388.7	1,180.0	1,386.7	2,577.8	72.3	371.8	91	99
INDUSTRY 3021.--RUBBER FOOTWEAR														
1967 Census	65	55	29.1	141.1	25.7	46.5	112.8	244.9	180.1	427.0	9.6	91.3	(NA)	(NA)
1966 ASM[1]	(NA)	(NA)	28.7	140.0	25.2	47.6	113.1	241.8	168.1	410.2	18.6	90.9	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	30.0	139.9	26.4	49.2	113.5	245.9	160.4	398.0	9.9	91.0	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	29.6	139.1	26.5	50.0	114.6	231.8	154.5	391.7	7.3	81.7	(NA)	(NA)
1963 Census	53	46	29.1	130.4	26.0	48.2	105.8	217.0	141.1	354.2	6.9	86.4	93	90
1962 ASM[1]	(NA)	(NA)	27.1	126.4	24.2	46.6	104.2	214.1	130.6	330.4	7.4	77.7	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	23.8	107.4	21.1	40.8	87.2	182.3	109.0	287.2	4.8	61.8	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	22.0	96.4	19.1	36.6	76.7	162.2	200.6	265.5	4.5	58.8	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	22.0	95.7	19.3	37.4	77.3	161.7	98.3	250.6	4.2	60.9	(NA)	(NA)
1958 Census[2]	27	26	20.4	85.6	17.6	34.1	68.6	149.6	81.7	229.4	3.1	49.1	(D)	(D)
INDUSTRY 3031.—RECLAIMED RUBBER														
1967 Census	24	13	1.7	11.8	1.4	2.5	8.9	23.4	19.6	43.8	1.6	5.4	83	75
1966 ASM[1]	(NA)	(NA)	2.0	14.0	1.6	3.0	10.3	25.3	27.6	52.7	1.3	8.0	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	2.0	14.0	1.6	3.1	10.4	26.4	25.5	52.5	1.7	7.6	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	1.9	13.2	1.5	3.0	9.9	24.4	20.4	44.4	3.6	6.7	(NA)	(NA)
1963 Census	13	13	2.0	13.6	1.7	3.1	10.4	27.4	21.7	48.9	1.3	5.8	(D)	77
1962 ASM[1]	(NA)	(NA)	2.1	13.5	1.7	3.1	10.2	26.7	22.9	49.8	1.0	5.3	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	2.2	13.2	1.8	3.2	10.1	25.4	20.7	46.5	1.2	5.5	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	2.4	14.5	2.0	3.7	11.4	29.1	21.7	49.9	2.8	5.9	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	2.3	14.1	2.0	3.8	11.3	25.0	20.7	47.0	1.1	5.0	(NA)	(NA)
1958 Census[2]	16	14	2.2	11.7	1.8	3.3	9.1	20.8	18.6	39.3	1.0	5.8	94	72
INDUSTRY 3069.--FABRICATED RUBBER PRODUCTS, N.E.C.														
1967 Census	1,189	671	141.6	923.0	107.6	215.1	618.3	1,740.5	1,404.3	3,139.4	134.6	412.0	88	89
1966 ASM[1]	(NA)	(NA)	144.0	917.7	109.9	225.4	620.0	1,726.7	1,442.1	3,139.0	98.3	410.4	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	139.3	854.5	106.1	215.8	576.5	1,588.4	1,330.2	2,911.0	94.1	366.0	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	134.0	795.6	101.9	207.2	536.7	1,518.5	1,238.8	2,733.2	73.5	354.4	(NA)	(NA)
1963 Census	1,173	620	132.2	760.8	100.6	203.4	516.1	1,427.0	1,171.3	2,598.0	65.0	323.4	86	89
1962 ASM[1]	(NA)	(NA)	128.8	725.8	96.9	197.2	489.3	1,330.6	1,118.0	2,436.0	*78.8	316.0	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	121.6	664.2	90.8	182.4	438.5	1,192.8	1,019.4	2,212.5	50.0	289.5	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	127.7	670.1	96.4	192.9	449.2	1,161.8	1,057.9	2,225.5	52.3	288.1	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	130.7	678.3	100.4	202.4	464.0	1,199.0	1,029.1	2,205.0	48.4	304.4	(NA)	(NA)
1958 Census[2]	1,074	558	119.6	593.0	89.2	177.0	396.1	997.3	881.3	1,885.3	43.6	265.1	86	86
INDUSTRY 3079.--MISCELLANEOUS PLASTICS PRODUCTS														
1967 Census	4,996	2,273	251.6	1,436.1	204.0	414.9	998.7	2,967.7	2,475.2	5,414.5	332.6	635.3	93	84
1966 ASM[1]	(NA)	(NA)	224.0	1,221.6	182.1	377.4	844.0	2,515.6	2,187.4	4,658.3	328.7	536.9	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	205.3	1,086.2	166.6	337.4	748.6	2,213.6	1,942.0	4,120.4	250.8	459.6	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	178.8	935.3	144.4	299.2	643.0	1,853.5	1,662.0	3,505.4	182.2	388.6	(NA)	(NA)
1963 Census	4,334	1,674	166.3	837.6	134.3	272.0	580.0	1,660.9	1,522.9	3,165.4	157.5	361.0	92	80
1962 ASM[1]	(NA)	(NA)	153.8	765.1	123.4	252.2	517.7	1,466.7	1,381.9	2,819.6	143.6	324.6	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	136.8	665.1	108.0	221.1	446.8	1,254.3	1,235.0	2,473.2	112.9	290.7	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	134.0	627.5	106.2	216.2	424.0	1,147.9	1,172.1	2,303.2	105.7	272.4	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	129.5	583.8	103.1	209.5	401.5	1,093.7	1,129.8	2,217.7	86.7	254.4	(NA)	(NA)
1958 Census[2]	3,222	1,143	116.3	511.2	92.0	183.3	348.9	928.9	948.3	1,867.9	77.2	235.8	91	85

Note: In 1967, 1963, and 1958, the number of companies in industry 3011 was 119, 105, and 94, respectively; in industry 3021: 51, 44, and 22; industry 3031: 19, 7, and 12; industry 3069: 1,024, 1,046, and 976; industry 3079: 4,495, 4,101, and 3,093. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2] Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	Industry 3011.--TIRES AND INNER TUBES								
1967 Census	8,356	77	1,911	4.20	.51	.71	19,669	42	13.35
1966 ASM	8,368	77	2,082	3.93	.54	.75	18,995	44	11.83
1965 ASM	8,110	77	2,075	3.79	.54	.75	18,119	45	11.35
1964 ASM	7,731	77	2,057	3.62	.56	.78	15,873	49	9.97
1963 Census	7,292	78	1,989	3.49	.55	.76	15,502	47	10.03
1962 ASM	7,169	78	2,036	3.37	.56	.77	14,807	48	9.29
1961 ASM	6,598	77	1,951	3.24	.53	.74	14,621	45	9.74
1960 ASM	6,408	78	1,943	3.13	.57	.77	13,821	46	9.07
1959 ASM	6,304	80	1,952	3.07	.56	.77	13,883	45	8.94
1958 Census	5,838	78	1,905	2.92	.54	.74	13,199	44	8.85
	Industry 3021.--RUBBER FOOTWEAR								
1967 Census	4,844	88	1,813	2.42	.42	.75	8,407	58	5.26
1966 ASM	4,871	88	1,888	2.37	.41	.75	8,413	58	5.08
1965 ASM	4,667	88	1,867	2.31	.40	.75	8,205	57	4.99
1964 ASM	4,695	89	1,888	2.29	.39	.75	7,824	60	4.64
1963 Census	4,473	89	1,856	2.20	.40	.77	7,444	60	4.50
1962 ASM	4,663	89	1,920	2.24	.40	.78	7,896	59	4.60
1961 ASM	4,520	89	1,936	2.14	.38	.75	7,669	59	4.47
1960 ASM	4,389	87	1,918	2.09	.38	.74	7,382	59	4.43
1959 ASM	4,359	88	1,935	2.07	.39	.77	7,368	59	4.33
1958 Census	4,205	86	1,939	2.01	.36	.73	7,348	57	4.38
	Industry 3031.--RECLAIMED RUBBER								
1967 Census	6,833	81	1,772	3.58	.45	.72	13,517	51	9.42
1966 ASM	7,037	80	1,922	3.39	.52	.79	12,763	55	8.34
1965 ASM	7,056	80	1,955	3.34	.49	.75	13,304	53	8.50
1964 ASM	7,025	81	1,932	3.34	.46	.76	12,932	54	8.21
1963 Census	6,765	82	1,897	3.31	.44	.72	13,621	50	8.71
1962 ASM	6,463	81	1,842	3.25	.46	.73	12,802	50	8.53
1961 ASM	5,916	81	1,776	3.14	.44	.73	11,427	52	7.90
1960 ASM	6,007	83	1,846	3.07	.44	.73	12,070	50	7.83
1959 ASM	6,049	84	1,908	2.99	.44	.74	10,690	57	6.63
1958 Census	5,263	81	1,857	2.73	.47	.77	9,410	56	6.26
	Industry 3069.--FABRICATED RUBBER PRODUCTS, N.E.C.								
1967 Census	6,518	76	2,000	2.87	.45	.74	12,296	53	8.09
1966 ASM	6,372	76	2,050	2.75	.46	.75	11,989	53	7.66
1965 ASM	6,135	76	2,034	2.67	.46	.75	11,404	54	7.36
1964 ASM	5,939	76	2,033	2.59	.45	.74	11,336	52	7.33
1963 Census	5,753	76	2,022	2.54	.45	.74	10,792	53	7.02
1962 ASM	5,634	75	2,036	2.48	.46	.76	10,329	55	6.75
1961 ASM	5,462	75	2,008	2.40	.46	.76	9,808	56	6.54
1960 ASM	5,248	75	2,002	2.33	.48	.78	9,099	58	6.02
1959 ASM	5,188	77	2,017	2.29	.47	.77	9,171	57	5.92
1958 Census	4,959	75	1,985	2.24	.47	.78	8,341	59	5.63
	Industry 3079.--MISCELLANEOUS PLASTICS PRODUCTS								
1967 Census	5,708	81	2,034	2.41	.46	.72	11,796	48	7.15
1966 ASM	5,453	81	2,073	2.24	.47	.73	11,229	49	6.67
1965 ASM	5,291	81	2,026	2.22	.47	.73	10,784	49	6.56
1964 ASM	5,230	81	2,072	2.15	.47	.74	10,365	50	6.19
1963 Census	5,036	81	2,025	2.13	.48	.75	9,986	50	6.11
1962 ASM	4,975	80	2,044	2.05	.49	.76	9,537	52	5.82
1961 ASM	4,861	79	2,048	2.02	.50	.77	9,168	53	5.67
1960 ASM	4,682	79	2,035	1.96	.51	.78	8,565	55	5.31
1959 ASM	4,507	80	2,031	1.92	.51	.77	8,444	53	5.22
1958 Census	4,395	79	1,992	1.90	.51	.78	7,987	55	5.07

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
3011-- TIRES AND INNER TUBES													
UNITED STATES	182	110	92.7	774.5	71.4	136.5	573.8	1 823.0	1 895.2	3 733.9	198.8	85.3	1 321.7
NORTHEAST REGION	27	18	11.6	88.7	9.4	17.8	69.0	229.0	226.4	456.5	20.6	10.2	165.2
NEW ENGLAND DIVISION	8	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	3	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
CONNECTICUT	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MIDDLE ATLANTIC DIVISION	19	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
PENNSYLVANIA	15	10	6.2	45.4	5.0	9.1	34.0	122.6	105.8	227.7	10.0	5.5	101.4
NORTH CENTRAL REGION	60	35	50.2	439.9	37.3	70.4	315.1	986.1	1 010.5	2 004.8	88.6	47.6	723.2
EAST NORTH CENTRAL DIVISION	47	29	42.7	377.1	31.0	58.2	264.7	817.2	842.0	1 674.0	(D)	41.5	609.3
OHIO	27	17	31.1	277.2	22.4	41.6	193.2	576.9	617.9	1 203.8	(D)	31.0	437.7
INDIANA	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
ILLINOIS	8	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MICHIGAN	4	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WISCONSIN	3	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST NORTH CENTRAL DIVISION	13	6	7.5	62.8	6.3	12.3	50.4	169.0	168.6	330.8	(D)	6.2	114.0
IOWA	5	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MISSOURI	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
KANSAS	2	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
SOUTH REGION	61	36	21.9	170.9	18.2	35.8	137.4	452.7	492.0	944.3	80.2	18.2	315.9
SOUTH ATLANTIC DIVISION	20	10	4.0	32.9	3.3	7.0	25.7	78.2	83.4	160.6	47.2	3.2	43.5
MARYLAND	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
VIRGINIA	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CAROLINA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
GEORGIA	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
EAST SOUTH CENTRAL DIVISION	19	16	12.1	95.7	10.1	19.6	77.5	230.8	284.3	514.1	24.6	10.4	168.7
KENTUCKY	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
TENNESSEE	7	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
ALABAMA	8	6	5.6	45.5	4.9	9.7	37.9	134.1	124.8	258.0	7.1	(2)	(2)
MISSISSIPPI	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST SOUTH CENTRAL DIVISION	22	10	5.7	42.3	4.8	9.2	34.2	143.7	124.3	269.6	8.4	4.6	103.7
ARKANSAS	5	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
OKLAHOMA	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
TEXAS	13	5	2.4	17.9	2.0	3.9	14.1	59.4	55.1	114.5	3.6	(2)	(2)
WEST REGION	34	21	9.0	75.0	6.6	12.5	52.4	155.1	166.2	328.4	9.4	9.3	117.5
MOUNTAIN DIVISION	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
COLORADO	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
PACIFIC DIVISION	33	20	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
CALIFORNIA	28	17	7.0	58.6	5.2	9.7	41.8	136.3	140.0	283.8	(D)	(2)	(2)
3021-- RUBBER FOOTWEAR													
UNITED STATES	65	55	29.1	141.1	25.7	46.5	112.8	244.9	180.1	427.0	9.6	29.1	217.0
NORTHEAST REGION	40	35	19.2	97.8	16.7	29.3	76.8	162.4	117.3	282.0	4.1	22.2	178.5
NEW ENGLAND DIVISION	22	20	15.6	82.1	13.4	22.9	63.9	133.6	92.7	229.4	3.6	(D)	(D)
MAINE	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	1.3
NEW HAMPSHIRE	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MASSACHUSETTS	6	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
RHODE ISLAND	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
CONNECTICUT	2	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MIDDLE ATLANTIC DIVISION	18	15	3.7	15.7	3.3	6.4	12.9	28.8	24.6	52.6	.5	(D)	(D)
NEW YORK	9	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
NEW JERSEY	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
PENNSYLVANIA	7	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
NORTH CENTRAL REGION	5	5	2.2	10.5	1.9	3.6	8.1	15.7	11.1	26.2	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
INDIANA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
ILLINOIS	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WISCONSIN	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
SOUTH REGION	15	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH ATLANTIC DIVISION	10	9	6.3	26.4	5.8	11.2	22.7	56.3	45.1	101.7	(D)	3.9	21.2
MARYLAND	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
NORTH CAROLINA	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
GEORGIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
FLORIDA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
EAST SOUTH CENTRAL DIVISION	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST SOUTH CENTRAL DIVISION	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3031-- RECLAIMED RUBBER													
UNITED STATES	24	13	1.7	11.8	1.4	2.5	8.9	23.4	19.6	43.8	1.6	2.0	27.4
NORTH CENTRAL REGION	11	6	1.2	8.5	1.0	1.7	6.4	16.1	14.8	31.1	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	11	6	1.2	8.5	1.0	1.7	6.4	16.1	14.8	31.1	(D)	(D)	(D)
OHIO	8	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
ILLINOIS	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
SOUTH REGION	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
3069-- FABRICATED RUBBER PRODUCTS, NEC													
UNITED STATES	1 189	671	141.6	923.0	107.6	215.1	618.3	1 740.5	1 404.3	3 139.4	134.6	132.2	1 427.0
NORTHEAST REGION	410	229	46.3	303.9	34.7	69.4	197.7	566.3	424.1	990.5	(D)	44.8	476.8
NEW ENGLAND DIVISION	154	97	21.6	146.2	16.0	32.8	92.1	267.4	208.1	473.9	(D)	21.2	229.3
NEW HAMPSHIRE	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
VERMONT	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MASSACHUSETTS	81	50	11.7	83.8	8.2	17.3	50.1	146.4	125.0	270.5	(D)	12.0	138.4
RHODE ISLAND	16	11	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.0	29.3
CONNECTICUT	47	31	5.2	34.3	3.9	8.1	22.4	65.1	47.5	112.6	6.2	(2)	(2)
MIDDLE ATLANTIC DIVISION	256	132	24.7	157.8	18.7	36.6	105.6	298.9	216.1	516.6	17.3	23.6	247.5
NEW YORK	84	27	5.7	32.4	4.4	8.4	21.8	68.0	52.1	121.9	(D)	5.8	56.3
NEW JERSEY	106	64	11.5	75.0	9.0	17.4	51.6	141.9	99.4	241.8	7.7	10.8	111.3
PENNSYLVANIA	66	41	7.5	50.4	5.4	10.8	32.2	89.0	64.5	152.9	(D)	6.9	80.0
NORTH CENTRAL REGION	431	262	63.8	433.8	48.2	95.1	292.8	763.8	655.1	1 416.9	(D)	60.8	644.0
EAST NORTH CENTRAL DIVISION	379	236	59.0	404.2	44.2	87.4	270.8	689.3	618.0	1 304.3	(D)	57.0	599.5
OHIO	164	106	32.4	232.6	23.6	46.2	151.2	382.4	351.8	731.8	(D)	32.0	327.6
INDIANA	49	35	13.0	84.2	10.2	19.7	60.9	134.3	128.3	264.4	(D)	(D)	(D)
ILLINOIS	81	45	7.9	52.2	5.9	12.2	34.5	105.5	75.1	179.3	(D)	7.0	82.6
MICHIGAN	59	37	4.7	29.2	3.8	7.8	20.5	54.5	54.2	107.8	(D)	(2)	(2)
WISCONSIN	26	13	.9	5.8	.7	1.5	3.6	12.5	8.5	20.9	(D)	(2)	(2)
WEST NORTH CENTRAL DIVISION	52	26	4.9	29.6	4.0	7.7	22.0	74.5	37.1	112.5	(D)	3.8	44.5
MINNESOTA	21	12	1.4	8.8	1.1	2.2	6.6	19.1	9.4	28.2	1.2	(2)	(2)
MISSOURI	18	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
NEBRASKA	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
KANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
SOUTH REGION	174	102	19.6	103.8	16.3	33.4	76.9	226.5	212.9	436.6	17.9	14.9	139.5
SOUTH ATLANTIC DIVISION	90	57	10.8	59.1	9.1	18.2	43.8	121.9	121.6	243.2	(D)	9.5	88.0
DELAWARE	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
MARYLAND	12	10	1.6	8.7	1.4	2.8	6.2	13.0	12.1	26.0	.7	1.8	12.9
VIRGINIA	14	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.5	21.1
WEST VIRGINIA	5	4	1.0	4.1	.9	1.6	3.7	10.3	12.5	22.7	.4	(2)	(2)
NORTH CAROLINA	13	8	2.2	13.0	1.8	3.7	9.1	27.6	23.8	50.8	(D)	1.6	19.3
SOUTH CAROLINA	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
GEORGIA	23	15	1.1	5.3	.9	1.9	3.6	13.5	31.1	45.3	(D)	1.4	12.8
FLORIDA	13	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.3
EAST SOUTH CENTRAL DIVISION	34	23	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.3	29.6
KENTUCKY	6	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
TENNESSEE	14	11	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	16.9
MISSISSIPPI	8	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	3.4
WEST SOUTH CENTRAL DIVISION	50	22	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	19.4
ARKANSAS	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	5.6
TEXAS	38	16	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
WEST REGION	174	78	11.8	81.5	8.3	17.1	50.8	183.8	112.2	295.4	11.7	11.8	169.2
MOUNTAIN DIVISION	15	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
COLORADO	5	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
UTAH	4	3	.5	3.0	.4	.9	2.3	6.2	3.2	8.6	(D)	(2)	(2)
PACIFIC DIVISION	159	72	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OREGON	7	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(2)	(2)
CALIFORNIA	146	69	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7.4	88.3

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3079-- MISCELLANEOUS PLASTICS PRODUCTS													
UNITED STATES	4 996	2 273	251.6	1 436.1	204.0	414.9	998.7	2 967.7	2 475.2	5 414.5	332.6	166.3	1 660.9
NORTHEAST REGION	1 827	886	92.6	523.4	75.4	150.5	361.0	1 027.6	871.6	1 883.6	(D)	66.9	608.5
NEW ENGLAND DIVISION	505	276	30.3	161.6	25.3	49.6	115.1	335.1	270.7	598.6	(D)	21.9	191.7
MAINE	13	9	1.7	7.8	1.3	2.8	5.7	15.2	17.0	32.4	3.4	1.1	9.7
NEW HAMPSHIRE	22	13	3.6	18.4	3.3	6.5	14.9	32.2	26.5	58.1	(D)	1.6	11.0
VERMONT	11	6	1.0	4.5	.9	1.8	3.4	8.3	4.9	13.1	(D)	(2)	(2)
MASSACHUSETTS	296	173	15.5	82.6	12.7	24.8	57.3	168.0	151.6	314.6	(D)	12.0	100.9
RHODE ISLAND	45	18	2.3	10.7	2.1	4.0	8.4	45.2	20.6	64.5	(D)	(2)	(2)
CONNECTICUT	118	57	6.2	37.6	4.9	9.9	25.4	66.2	50.2	115.8	(D)	4.6	37.4
MIDDLE ATLANTIC DIVISION	1 322	610	62.3	361.8	50.1	100.8	245.9	692.5	600.9	1 285.0	70.3	45.0	417.8
NEW YORK	672	282	25.0	142.9	20.3	40.5	96.7	263.7	210.5	471.1	20.6	19.2	171.5
NEW JERSEY	400	209	22.1	129.9	17.7	35.8	88.3	257.0	233.5	486.1	25.7	16.8	168.0
PENNSYLVANIA	250	119	15.2	89.0	12.1	24.5	60.9	171.8	156.9	327.8	24.0	9.1	77.2
NORTH CENTRAL REGION	1 607	816	102.2	596.7	83.0	165.9	422.3	1 175.5	980.9	2 152.6	(D)	64.0	663.1
EAST NORTH CENTRAL DIVISION	1 310	681	87.5	519.5	71.1	142.7	366.2	1 014.9	850.8	1 863.8	(D)	55.5	585.0
OHIO	349	189	28.9	178.9	23.3	47.0	127.6	355.9	291.5	648.4	(D)	16.5	189.2
INDIANA	153	78	13.1	75.0	10.6	21.3	52.6	148.0	126.8	273.7	(D)	7.6	72.5
ILLINOIS	427	233	26.8	158.8	21.9	44.0	110.1	307.9	238.5	545.0	(D)	19.7	209.4
MICHIGAN	263	124	12.7	73.7	10.4	20.6	52.7	133.9	136.4	270.7	(D)	8.1	81.5
WISCONSIN	118	57	6.0	33.1	4.9	9.7	23.3	69.1	57.6	126.1	(D)	3.6	32.4
WEST NORTH CENTRAL DIVISION	297	135	14.7	77.2	11.8	23.2	56.1	160.6	130.2	288.8	(D)	8.4	76.4
MINNESOTA	103	39	3.8	21.8	2.9	5.6	15.2	46.6	30.7	76.6	(D)	2.4	24.7
IOWA	32	16	3.4	17.0	2.6	5.5	13.5	35.8	22.0	57.7	(D)	1.7	14.4
MISSOURI	109	64	6.0	31.0	5.1	9.8	22.1	62.4	64.1	125.5	(D)	3.5	30.9
NEBRASKA	14	8	.7	3.6	.5	1.1	2.3	7.0	5.4	12.5	.7	(2)	(2)
KANSAS	32	6	.7	3.5	.6	1.1	2.7	8.5	7.5	15.9	(D)	.4	3.2
SOUTH REGION	673	272	32.7	172.0	26.6	54.7	119.3	460.7	372.6	830.8	58.4	20.5	236.8
SOUTH ATLANTIC DIVISION	359	143	17.6	93.0	14.3	29.1	63.9	233.5	191.5	422.9	29.7	11.5	114.1
DELAWARE	17	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	11.7
MARYLAND	32	13	1.9	9.6	1.5	3.0	6.6	17.5	15.0	32.6	1.2	2.6	22.0
VIRGINIA	32	15	3.7	19.1	3.0	6.2	13.4	42.0	32.6	73.8	(D)	2.1	19.6
NORTH CAROLINA	63	33	3.1	14.3	2.6	5.2	10.3	33.3	46.5	78.9	3.2	(2)	(2)
SOUTH CAROLINA	17	8	2.6	16.2	2.0	4.2	10.3	59.2	32.1	91.0	6.9	1.8	31.3
GEORGIA	43	17	1.5	7.9	1.3	2.7	5.9	31.4	20.3	51.5	7.3	.6	6.4
FLORIDA	145	43	2.8	13.8	2.4	4.8	9.8	28.2	25.8	54.0	3.3	1.1	10.4
EAST SOUTH CENTRAL DIVISION	106	53	6.8	34.4	5.6	11.6	25.2	119.8	86.6	208.2	12.5	4.7	78.7
KENTUCKY	26	12	1.3	6.7	1.1	2.2	4.8	12.3	13.9	27.3	5.1	(2)	(2)
TENNESSEE	42	18	2.3	11.8	1.9	3.9	8.8	36.9	30.2	66.4	3.5	(2)	(2)
ALABAMA	25	13	2.1	10.3	1.7	3.5	7.4	55.6	24.2	81.2	2.2	(2)	(2)
MISSISSIPPI	13	10	1.1	5.5	.9	2.0	4.2	15.0	18.3	33.2	1.6	.6	9.9
WEST SOUTH CENTRAL DIVISION	208	76	8.3	44.5	6.7	14.1	30.2	107.4	94.5	199.8	16.3	4.3	44.1
ARKANSAS	23	9	1.8	8.0	1.5	3.1	5.5	24.9	13.9	38.3	.9	(2)	(2)
LOUISIANA	12	4	.2	1.2	.2	.4	.9	2.2	3.8	5.8	.2	.2	3.2
OKLAHOMA	32	13	1.2	6.3	.9	1.9	4.5	11.3	13.7	24.5	1.4	(2)	(2)
TEXAS	141	50	5.1	29.0	4.1	8.6	19.3	69.0	63.1	131.1	13.8	3.1	31.9
WEST REGION	889	299	24.1	144.0	19.1	43.8	96.0	304.0	250.1	547.6	33.1	15.1	153.2
MOUNTAIN DIVISION	99	19	1.4	6.7	1.1	2.0	4.5	13.1	11.8	24.3	1.9	(D)	(D)
COLORADO	40	7	.5	2.6	.5	.9	2.0	7.2	5.0	11.6	.9	.2	1.5
NEW MEXICO	7	3	.2	.7	.1	.2	.4	1.0	1.2	2.2	(Z)	(2)	(2)
ARIZONA	19	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.1
UTAH	20	3	.2	.7	.1	.2	.5	1.4	1.1	2.5	(D)	(2)	(2)
PACIFIC DIVISION	790	280	22.8	137.3	18.0	41.8	91.5	290.8	238.3	523.3	31.2	(D)	(D)
WASHINGTON	54	13	.7	4.0	.5	1.0	2.8	8.9	7.3	15.8	(D)	.4	3.6
OREGON	37	3	.3	1.6	.2	.4	1.0	2.6	2.7	5.5	.4	.2	1.3
CALIFORNIA	691	263	21.8	131.3	17.2	40.3	87.5	278.4	227.0	499.8	(D)	13.9	142.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Tires and inner tubes (SIC 3011)	Rubber footwear (SIC 3021)	Reclaimed rubber (SIC 3031)	Fabricated rubber products, n.e.c. (SIC 3069)	Miscellaneous plastics products (SIC 3079)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.95	(NA)	.83	.88	.93
COVERAGE RATIO[2]	.99	(NA)	.75	.89	.84
ESTABLISHMENTS, TOTAL . . . NUMBER	182	65	24	1 189	4 996
WITH 1 TO 19 EMPLOYEES . . . DO	72	10	11	518	2 723
WITH 20 TO 99 EMPLOYEES . . . DO	38	13	6	401	1 631
WITH 100 EMPLOYEES OR MORE . . . DO	72	42	7	270	642
ALL EMPLOYEES, AVERAGE FOR YEAR . . . 1,000	92.7	29.1	1.7	141.6	251.6
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	774.5	141.1	11.8	923.0	1 436.1
PRODUCTION WORKERS:					
AVERAGE FOR YEAR . . . 1,000	71.4	25.7	1.4	107.6	204.0
MARCH . . . DO	73.4	26.1	1.4	106.8	196.3
MAY . . . DO	61.2	25.3	1.4	102.5	199.3
AUGUST . . . DO	75.4	25.7	1.4	109.6	209.8
NOVEMBER . . . DO	75.8	25.5	1.4	111.8	210.6
MAN-HOURS . . . MILLIONS	136.5	46.5	2.5	215.1	414.9
JANUARY-MARCH . . . DO	37.0	12.4	.7	55.8	100.4
APRIL-JUNE . . . DO	26.8	11.2	.4	49.6	102.1
JULY-SEPTEMBER . . . DO	32.7	10.3	.6	52.3	104.2
OCTOBER-DECEMBER . . . DO	40.0	12.6	.7	57.5	108.2
WAGES . . . MILLION DOLLARS	573.8	112.8	8.9	618.3	998.7
COST OF MATERIALS, ETC., TOTAL . . . DO	1 895.2	180.1	19.6	1 404.3	2 475.2
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . . . DO	1 514.8	130.7	17.1	1 228.7	2 255.4
COST OF RESALES . . . DO	334.1	23.0	.2	112.2	84.7
FUELS CONSUMED . . . DO	16.2	1.2	.5	18.1	21.8
PURCHASED ELECTRIC ENERGY . . . DO	24.5	2.7	1.7	26.8	61.6
CONTRACT WORK . . . DO	5.7	22.5	.1	18.5	51.7
VALUE OF SHIPMENTS, INCLUDING RESALES . . . DO	3 733.9	427.0	43.8	3 139.4	5 414.5
VALUE OF RESALES . . . DO	448.5	24.6	(D)	142.2	116.4
VALUE ADDED BY MANUFACTURE . . . DO	1 823.0	244.9	23.4	1 740.5	2 967.7
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL . . . DO	511.7	92.2	6.8	405.4	584.8
FINISHED PRODUCTS . . . DO	319.5	66.1	2.7	171.2	247.1
WORK IN PROCESS . . . DO	54.7	9.6	.3	99.3	104.3
MATERIALS, SUPPLIES, FUEL, ETC. . . . DO	137.5	16.6	3.8	134.9	233.3
END OF YEAR, TOTAL . . . DO	526.0	91.3	5.4	412.0	635.3
FINISHED PRODUCTS . . . DO	298.8	63.8	2.0	173.3	268.8
WORK IN PROCESS . . . DO	59.6	9.9	.3	102.6	111.1
MATERIALS, SUPPLIES, FUEL, ETC. . . . DO	167.5	17.7	3.1	136.0	255.3
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . . DO	203.5	10.8	1.6	145.6	347.3
NEW PLANT AND EQUIPMENT, TOTAL . . . DO	198.8	9.6	1.6	134.6	332.6
NEW STRUCTURES AND ADDITIONS TO PLANT . . . DO	29.5	1.1	.3	30.8	77.9
NEW MACHINERY AND EQUIPMENT . . . DO	169.3	8.5	1.3	103.9	254.7
USED PLANT AND EQUIPMENT . . . DO	4.7	1.2	(Z)	10.8	14.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3011-- TIRES AND INNER TUBES											
ESTABLISHMENTS, TOTAL	182	92.7	774.5	71.4	136.5	573.8	1 823.0	1 895.2	3 733.9	198.8	526.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	42	.1	.4	.1	.1	.2	.7	.9	1.6	[2]1.9	.2
5 TO 9 EMPLOYEES[e]	11	.1	.5	.1	.1	.3	1.0	1.2	2.2	.1	.2
10 TO 19 EMPLOYEES	19	.3	1.5	.2	.4	1.0	3.3	4.9	8.3	.1	1.2
20 TO 49 EMPLOYEES	26	.9	6.1	.7	1.3	3.9	17.9	44.2	62.2	1.4	4.2
50 TO 99 EMPLOYEES	12	.9	5.6	.7	1.5	3.8	14.0	18.6	32.5	.5	2.7
100 TO 249 EMPLOYEES	14	2.4	14.7	1.8	3.8	9.9	30.9	38.5	69.1	48.1	8.2
250 TO 499 EMPLOYEES	12	4.4	29.4	3.6	7.7	21.4	74.8	88.6	162.4	(D)	13.5
500 TO 999 EMPLOYEES	13	8.8	67.4	7.0	14.3	51.5	178.3	199.5	372.8	29.9	50.1
1,000 TO 2,499 EMPLOYEES	26	74.9	648.9	57.2	107.4	481.7	1 501.9	1 499.0	3 022.7	116.8	445.8
2,500 EMPLOYEES OR MORE	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	43	.1	.5	.1	.1	.4	1.0	1.3	2.3	.1	.3
3021-- RUBBER FOOTWEAR											
ESTABLISHMENTS, TOTAL	65	29.1	141.1	25.7	46.5	112.8	244.9	180.1	427.0	9.6	91.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	3	.3	1.3	.1	.4	.9	2.1	9.2	11.1	(Z)	1.4
5 TO 9 EMPLOYEES[e]	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	8	.6	2.6	.5	1.0	2.0	7.2	3.2	10.2	.1	1.0
100 TO 249 EMPLOYEES	16	2.9	12.0	2.6	4.9	9.2	21.4	13.8	34.4	1.5	6.0
250 TO 499 EMPLOYEES	9	3.4	14.6	3.2	6.2	12.4	22.4	20.3	42.3	1.6	7.6
500 TO 999 EMPLOYEES	9	6.1	28.7	5.4	10.5	23.4	53.6	37.7	92.3	2.2	16.1
1,000 TO 2,499 EMPLOYEES	5	5.8	27.7	5.0	8.8	20.2	45.1	42.9	87.1	1.8	20.5
2,500 EMPLOYEES OR MORE	3	10.1	54.3	8.8	14.7	44.8	93.0	53.1	149.7	2.3	38.7
ESTABS. COVERED BY ADMIN. RECORDS[1]	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3031-- RECLAIMED RUBBER											
ESTABLISHMENTS, TOTAL	24	1.7	11.8	1.4	2.5	8.9	23.4	19.6	43.8	1.6	5.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	3	(Z)	.5	(Z)	.2	.3	1.0	.8	1.9	.1	.3
5 TO 9 EMPLOYEES[e]	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	4	.2	1.4	.2	.4	1.1	3.3	2.1	5.6	.1	.4
50 TO 99 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	5	1.4	10.0	1.1	2.0	7.5	19.1	16.8	36.3	1.3	4.7
250 TO 499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3069-- FABRICATED RUBBER PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL	1 189	141.6	923.0	107.6	215.1	618.3	1 740.5	1 404.3	3 139.4	134.6	412.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	267	.5	2.7	.5	.7	1.9	6.4	4.8	11.2	.4	1.1
5 TO 9 EMPLOYEES[e]	113	.8	4.7	.6	1.2	3.0	10.3	10.3	20.6	.6	1.9
10 TO 19 EMPLOYEES	138	2.0	12.3	1.5	3.1	7.7	27.3	24.8	51.9	11.4	4.3
20 TO 49 EMPLOYEES	230	7.5	43.6	6.0	11.9	28.1	95.1	102.8	197.0	13.7	15.8
50 TO 99 EMPLOYEES	171	12.3	74.6	9.7	19.8	49.1	164.9	128.6	292.0	8.5	29.0
100 TO 249 EMPLOYEES	139	22.0	136.9	17.4	35.9	92.8	256.2	212.7	466.6	24.3	54.3
250 TO 499 EMPLOYEES	70	25.2	152.6	19.9	39.9	108.1	296.3	200.1	492.0	19.9	61.9
500 TO 999 EMPLOYEES	37	25.9	165.4	19.8	40.6	115.0	308.1	255.9	564.3	17.5	80.7
1,000 TO 2,499 EMPLOYEES	20	27.2	180.1	21.1	40.5	127.7	351.7	270.6	622.2	21.8	99.0
2,500 EMPLOYEES OR MORE	4	18.2	150.1	11.1	21.5	85.0	224.2	193.7	421.6	16.4	64.0
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	270	.7	4.1	.7	1.1	2.8	9.4	6.9	16.3	.5	1.6
3079-- MISCELLANEOUS PLASTICS PRODUCTS											
ESTABLISHMENTS, TOTAL	4 996	251.6	1 436.1	204.0	414.9	998.7	2 967.7	2 475.2	5 414.5	332.6	635.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	1 437	2.4	12.6	2.4	3.8	9.1	30.9	26.9	57.5	[2]14.3	6.1
5 TO 9 EMPLOYEES[e]	615	4.1	22.8	3.7	6.5	15.9	48.7	45.7	94.0	4.9	8.8
10 TO 19 EMPLOYEES	671	9.6	51.7	7.7	14.6	35.1	103.0	95.4	197.4	9.9	18.6
20 TO 49 EMPLOYEES	1 031	32.9	174.4	27.2	58.9	121.5	348.8	315.1	661.6	33.1	65.2
50 TO 99 EMPLOYEES	600	42.3	230.3	34.8	69.4	160.7	472.4	444.1	912.4	51.6	93.6
100 TO 249 EMPLOYEES	469	72.9	405.7	59.7	122.2	285.7	839.1	739.4	1 569.0	109.0	193.8
250 TO 499 EMPLOYEES	115	39.6	233.7	31.5	64.1	161.1	482.0	392.9	867.6	38.8	112.3
500 TO 999 EMPLOYEES	45	28.9	179.9	22.1	44.9	120.1	391.1	244.4	632.6	37.3	89.6
1,000 TO 2,499 EMPLOYEES	13	18.9	125.0	14.8	30.4	89.5	251.6	171.4	422.4	33.7	47.3
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	1 519	4.0	19.9	3.9	6.3	14.6	44.9	37.5	82.5	3.5	9.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales, for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3011	Tires and inner tubes.....1967..	3,733.9	3,103.4	175.2	455.4	95	3,133.5	3,103.4	30.1	99
	1963..	2,949.7	2,398.6	(D)	(D)	(NA)	2,419.8	2,398.5	21.2	99
3021	Rubber footwear.....1967..	427.0	(D)	(D)	25.6	(NA)	374.6	(D)	(D)	(NA)
	1963..	354.2	305.5	23.1	25.7	93	339.6	305.5	34.1	90
3031	Reclaimed rubber.....1967..	43.8	35.4	7.2	1.2	83	47.3	35.4	11.9	75
	1963..	48.9	42.7	(D)	(D)	(NA)	55.2	42.7	12.5	77
3069	Fabricated rubber products, n.e.c.....1967..	3,139.4	2,618.6	359.6	161.2	88	2,927.6	2,618.6	309.0	89
	1963..	2,598.0	2,085.0	342.8	170.2	86	2,355.6	2,085.0	270.6	89
3079	Miscellaneous plastics products.....1967..	5,414.5	4,885.9	349.8	178.8	93	5,789.0	4,885.9	903.1	84
	1963..	3,165.4	2,812.4	250.6	102.5	92	3,494.6	2,812.4	682.2	80

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. ^{r}Revised.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry and miscellaneous receipts	All industries	Tires and inner tubes (SIC 3011)	Rubber footwear (SIC 3021)	Reclaimed rubber (SIC 3031)	Fabricated rubber products, n.e.c. (SIC 3069)	Miscellaneous plastics products (SIC 3079)	Other industries
	Total shipments and miscellaneous receipts	(X)	3,733.9	427.0	43.8	3,139.4	5,414.5	(X)
3011-	Tires and inner tubes	3,133.5	3,103.4	-	(Z)	18.8	(under 2)	10.1
30111	Passenger car and motorcycle pneumatic tires (casings)	1,713.6	(1,000-2,000)	-	-	(under 2)	-	-
30112	Truck and bus (and off-the-highway) pneumatic tires	829.4	(500-1,000)	-	-	(under 2)	-	-
30113	Other pneumatic tires and solid tires	274.5	262.6	-	-	(10-20)	-	(under 2)
30114	All inner tubes	112.9	(100-200)	-	-	(under 2)	-	-
30115	Tread rubber, tire sundries, and repair materials	198.3	182.2	-	(Z)	5.2	(under 2)	(5-10)
30110	Tires and inner tubes, n.s.k	4.9	4.9	-	-	-	-	(Z)
3021-	Rubber footwear	374.6	-	(250-500)	-	(10-20)	-	(5-10)
3031-	Reclaimed rubber	47.3	(2-5)	-	35.4	(under 2)	(Z)	(over 2)
3069-	Fabricated rubber products, n.e.c	2,927.6	90.1	(10-20)	(5-10)	2,618.6	49.6	145.4
30691	Rubber belts and belting	250.6	(over 2)	-	-	223.5	1.6	(2-5)
30692	Rubber hose and tubing	392.7	(10-20)	-	-	371.7	(5-10)	(2-5)
30693	Sponge and foam rubber goods	276.7	(over 2)	(over 2)	-	232.6	9.8	19.4
30694	Rubber floor and wall covering	70.7	4.0	-	-	56.8	9.5	0.3
30695	Mechanical rubber goods, n.e.c	1,086.5	26.2	(under 2)	-	1,011.8	(2-5)	43.0
30696	Rubber heels and soles	126.1	-	(2-5)	-	105.3	(5-10)	11.8
30697	Druggist and medical sundries	84.1	-	-	-	(50-100)	-	(5-10)
30698	Other rubber goods, n.e.c	538.1	18.4	(5-10)	(5-10)	440.6	13.2	54.3
30690	Fabricated rubber products, n.e.c., n.s.k	102.1	-	-	-	100.7	0.4	0.9
3079-	Miscellaneous plastics products	5,789.0	(5-10)	(5-10)	-	125.6	4,885.9	761.8
30791 28211	Unsupported plastics film, sheet, rods, and tubes	1,225.4	(over 2)	-	-	(20-50)	788.5	410.0
30792	Foamed plastics products	492.8	(over 2)	-	-	(10-20)	437.5	37.8
30793	Laminated sheets, rods, and tubes	352.8	-	-	-	(under 2)	323.6	(20-50)
30794	Packaging and shipping containers, plastics	774.5	-	-	-	(Z)	717.6	56.9
30795	Industrial plastics products	1,263.7	(under 2)	(under 2)	-	35.5	1,130.6	96.8
30796	Construction plastics products	426.7	-	-	-	7.8	371.5	47.4
30797	Plastics dinnerware, tableware, and kitchenware	205.2	-	-	-	-	189.9	15.2
30798	Consumer and commercial plastics products, n.e.c	651.7	-	7.7	-	44.0	537.0	63.0
30790	Miscellaneous plastics products, n.s.k	396.1	-	-	-	(under 2)	389.2	(5-10)
	Other product shipments by 4-digit product group							
2256-	Knit fabric mills	(X)	-	-	-	(over 2)	-	(X)
2293-	Paddings and upholstery filling	(X)	-	-	-	-	2.8	(X)
2295-	Coated fabrics, not rubberized	(X)	-	-	-	5.9	13.1	(X)
2299-	Textile goods, n.e.c	(X)	-	-	-	-	(over 2)	(X)
2392-	Housefurnishings, n.e.c	(X)	-	-	-	1.1	2.1	(X)
2499-	Wood products, n.e.c	(X)	-	-	-	(under 2)	5.1	(X)
2519-	Household furniture, n.e.c	(X)	-	-	-	-	23.7	(X)
2631-	Paperboard mill products	(X)	-	-	-	-	(over 2)	(X)
2641-	Coated and glazed paper	(X)	-	-	-	(under 2)	3.5	(X)
2643-	Bags, except textile bags	(X)	-	-	-	-	5.2	(X)
2654-	Sanitary food containers	(X)	(under 2)	-	-	-	6.2	(X)
2655-	Fiber cans, drums, and related material	(X)	-	-	-	-	(2-5)	(X)
2751-	Commercial printing, except lithographic	(X)	-	-	-	-	3.3	(X)
2782-	Blank books and looseleaf binders	(X)	-	-	-	-	2.5	(X)
2818-	Industrial organic chemicals, n.e.c	(X)	(over 2)	-	-	1.1	(2-5)	(X)
2821-	Plastics materials and resins	(X)	(over 2)	-	(under 2)	15.2	40.5	(X)
2822-	Synthetic rubber	(X)	(over 2)	-	-	(2-5)	-	(X)
2834-	Pharmaceutical preparations	(X)	-	-	-	(under 2)	(over 2)	(X)
2843-	Surface active agents	(X)	-	-	-	(2-5)	-	(X)
2891-	Adhesives and gelatin	(X)	(under 2)	-	-	7.8	0.3	(X)
2899-	Chemical preparations, n.e.c	(X)	(under 2)	-	(under 2)	(5-10)	-	(X)
2952-	Asphalt felts and coatings	(X)	-	-	-	-	(2-5)	(X)
3121-	Industrial leather belting and packing	(X)	-	-	-	2.3	-	(X)
3131-	Footwear cut stock	(X)	-	(over 2)	-	-	(under 2)	(X)
3141-	Shoes, except rubber	(X)	-	20.4	-	(under 2)	-	(X)
3142-	House slippers	(X)	-	(2-5)	-	-	-	(X)
3161-	Luggage	(X)	-	-	-	(over 2)	(under 2)	(X)
3292-	Asbestos products	(X)	-	-	-	-	(over 2)	(X)
3293-	Gaskets and insulations	(X)	(2-5)	-	-	36.0	(Z)	(X)
3296-	Mineral wool	(X)	-	-	-	-	(2-5)	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis--Shipments by Product Class and Industry: 1967--Continued

Product code	Class of products, industry and miscellaneous receipts	All industries	Tires and inner tubes (SIC 3011)	Rubber footwear (SIC 3021)	Reclaimed rubber (SIC 3031)	Fabricated rubber products, n.e.c. (SIC 3069)	Miscellaneous plastics products (SIC 3079)	Other industries
	Other product shipments by 4-digit product group--Con.							
3429-	Hardware, n.e.c.	(X)	(over 2)	-	-	0.7	3.2	(X)
3461-	Metal stampings	(X)	-	-	-	8.8	4.9	(X)
3494-	Valves and pipe fittings	(X)	-	-	-	(over 2)	(under 2)	(X)
3499-	Fabricated metal products, n.e.c.	(X)	(under 2)	-	-	-	3.3	(X)
3544-	Special dies, tools, jigs, and fixtures	(X)	-	-	-	3.2	41.6	(X)
3552-	Textile machinery	(X)	-	-	-	(over 2)	-	(X)
3555-	Printing trades machinery	(X)	(over 2)	-	-	9.2	(under 2)	(X)
3561-	Pumps and compressors	(X)	-	-	-	(2-5)	(under 2)	(X)
3562-	Ball and roller bearings	(X)	-	-	-	-	(over 2)	(X)
3599-	Miscellaneous machinery, except electrical	(X)	-	-	-	(under 2)	2.6	(X)
3679-	Electronic components, n.e.c.	(X)	-	-	-	-	2.3	(X)
3694-	Engine electrical equipment	(X)	-	-	-	-	(2-5)	(X)
3714-	Motor vehicle parts and accessories	(X)	(over 2)	-	-	(10-20)	(2-5)	(X)
3729-	Aircraft equipment, n.e.c.	(X)	-	-	-	(over 2)	(under 2)	(X)
3841-	Surgical and medical instruments	(X)	-	-	-	(under 2)	(5-10)	(X)
3842-	Surgical appliances and supplies	(X)	-	-	-	(under 2)	3.5	(X)
3941-	Games and toys	(X)	-	-	-	3.4	16.2	(X)
3949-	Sporting and athletic goods, n.e.c.	(X)	-	-	-	21.7	7.4	(X)
3993-	Signs and advertising displays	(X)	-	-	-	-	5.2	(X)
3996-	Hard surface floor coverings	(X)	-	(under 2)	-	-	(over 2)	(X)
	Other products	(X)	1.2	(under 2)	-	16.6	44.6	(X)
	Miscellaneous receipts	(X)	455.4	25.6	1.2	161.2	178.8	(X)
	Resales	(X)	448.5	24.6		142.2	116.4	(X)
	Contract work	(X)	6.9	-	1.2	12.3	50.3	(X)
	Other miscellaneous receipts	(X)		1.0		6.7	12.1	(X)

Product code	Class of products, industry and miscellaneous receipts	Other industries
	Listing of the other industries with over $2 million shipments of the primary products	
3011-	2821 Plastics materials and resins	(over 2)
3011-	3141 Shoes, except rubber	(over 2)
3011-	3949 Sporting and athletic goods, n.e.c.	(over 2)
3021-	3142 House slippers	4.8
3031-	2818 Industrial organic chemicals, n.e.c.	(over 2)
3069-	2211 Weaving mills, cotton	(over 2)
3069-	2293 Paddings and upholstery filling	(2-5)
3069-	2295 Coated fabrics, not rubberized	12.1
3069-	2296 Tire cord and fabric	(over 2)
3069-	2342 Corsets and allied garments	(over 2)
3069-	2399 Fabricated textile products, n.e.c.	(2-5)
3069-	2499 Wood products, n.e.c.	(2-5)
3069-	2641 Paper coating and glazing	(10-20)
3069-	2818 Industrial organic chemicals, n.e.c.	(over 2)
3069-	2821 Plastics materials and resins	7.0
3069-	2851 Paints and allied products	(2-5)
3069-	2891 Adhesives and gelatin	8.6
3069-	3121 Industrial leather belting	(2-5)
3069-	3131 Footwear cut stock	8.4
3069-	3292 Asbestos products	(2-5)
3069-	3293 Gaskets and insulations	16.6
3069-	3561 Pumps and compressors	(over 2)
3079-	1929 Ammunition, except for small arms, n.e.c.	(over 2)
3079-	2011 Meat packing plants	(over 2)
3079-	2293 Paddings and upholstery filling	2.5
3079-	2295 Coated fabrics, not rubberized	34.9
3079-	2392 Housefurnishings, n.e.c.	2.1
3079-	2499 Wood products, n.e.c.	6.6
3079-	2519 Household furniture, n.e.c.	2.3
3079-	2591 Venetian blinds and shades	3.2
3079-	2641 Paper coating and glazing	6.3
3079-	2643 Bags, except textile bags	37.7
3079-	2646 Pressed and molded pulp goods	2.2
3079-	2654 Sanitary food containers	(5-10)
3079-	2655 Fiber cans, drums, and related material	3.1

Product code	Class of products, industry and miscellaneous receipts	Other industries
	Listing of the other industries with over $2 million shipments of the primary products--Continued	
3079-	2821 Plastics materials and resins	127.2
3079-	2824 Organic fibers, noncellulosic	(10-20)
3079-	2834 Pharmaceutical preparations	(5-10)
3079-	2851 Paints and allied products	(2-5)
3079-	2899 Chemical preparations, n.e.c.	(10-20)
3079-	3231 Products of purchased glass	3.5
3079-	3259 Structural clay products, n.e.c.	(5-10)
3079-	3292 Asbestos products	10.0
3079-	3293 Gaskets and insulations	2.7
3079-	3296 Mineral wool	2.1
3079-	3299 Nonmetallic mineral products, n.e.c.	(2-5)
3079-	3369 Nonferrous castings, n.e.c.	(2-5)
3079-	3429 Hardware, n.e.c.	2.7
3079-	3431 Metal sanitary ware	(2-5)
3079-	3442 Metal doors, sash, and trim	2.9
3079-	3461 Metal stampings	24.0
3079-	3471 Plating and polishing	(2-5)
3079-	3479 Metal coating and allied services	(2-5)
3079-	3481 Miscellaneous fabricated wire products	(2-5)
3079-	3491 Metal barrels, drums, and pails	(2-5)
3079-	3494 Valves and pipe fittings	3.0
3079-	3496 Collapsible tubes	(2-5)
3079-	3497 Metal foil and leaf	(5-10)
3079-	3541 Machine tools, metal-cutting types	(5-10)
3079-	3544 Special dies, tools, jigs, and fixtures	2.4
3079-	3561 Pumps and compressors	(2-5)
3079-	3599 Miscellaneous machinery, except electrical	(2-5)
3079-	3621 Motors and generators	(2-5)
3079-	3643 Current carrying wiring devices	6.0
3079-	3679 Electronic components, n.e.c.	4.8
3079-	3729 Aircraft equipment, n.e.c.	21.3
3079-	3811 Engineering and scientific instruments	2.8
3079-	3842 Surgical appliances and supplies	2.2
3079-	3861 Photographic equipment and supplies	(over 2)
3079-	3914 Silverware and plated ware	(over 2)
3079-	3941 Games and toys	8.9
3979-	3991 Brooms and brushes	(10-20)
3079-	3999 Manufactures, n.e.c.	2.1

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than $50 thousand.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
3011- --	TIRES AND INNER TUBES, TOTAL	.....	(X)	(X)	3,133.5	(X)	(X)	2,419.8
30111 11	Passenger car and motorcycle pneumatic tires (casings)	Million tires	143.7	146.2	1,713.6	123.5	121.9	1,285.9
30112 11	Truck and bus (and off-the highway) pneumatic tires	...do.....	20.1	19.9	829.4	17.0	16.5	659.5
30113 --	Other pneumatic tires and solid tires	.....	(X)	(X)	274.5	(X)	(X)	186.8
30113 11	Aircraft	Million tires	0.8	0.9	51.8	0.6	0.6	31.4
30113 13	Tractor and implement (farm, garden, and industrial)	...do.....	6.0	6.0	135.1	3.6	3.5	90.2
30113 15	Industrial	...do.....	5.2	5.2	29.8	3.2	3.1	21.9
30113 17	Bicycle casings and single tube tires	...do.....	10.2	10.3	12.8	9.6	9.7	10.2
	Solid tires:							
30113 33	Industrial and highway	...do.....	1.0	1.2	20.9	(S)	(S)	17.1
30113 35	Bogie, idler, and support rollers	Million units	0.2	0.2	2.6			
	Other solid and semipneumatic:							
30113 41	2.00" and larger, except hand lawnmower, baby carriage, tricycle, juvenile, etc	Million tires	7.0	7.1	5.7	(S)	(S)	5.2
30113 51	Less than 2.00", including hand lawnmower, baby carriage, tricycle, juvenile, etc	...do.....	59.2	58.2	15.8	(S)	(S)	10.8
30114 --	All inner tubes	.....	(X)	(X)	112.9	(X)	(X)	95.1
30114 21	Passenger car and motorcycle	Million tubes	28.7	29.6	40.3	28.4	28.8	39.7
30114 23	Truck and bus, including off-the-highway	...do.....	13.5	13.8	44.5	11.4	11.5	36.3
30114 24	Aircraft	...do.....	0.3	0.3	2.1	0.3	0.3	1.9
30114 25	Tractor and implement (farm, garden, and industrial)	...do.....	4.7	4.7	15.5	2.8	2.8	8.2
30114 26	Industrial	...do.....	2.8	3.1	3.4	2.6	2.6	2.9
30114 27	Bicycle	...do.....	12.1	12.3	7.1	9.8	10.1	6.2
30115 --	Tread rubber, tire sundries, and repair materials, total	.....	(X)	(X)	198.3	(X)	(X)	192.5
30115 11	Tread rubber (camelback), including slab rubber for use in automatic tread rubber extruding machines	Million lbs.	565.2	563.4	150.0	515.4	518.4	140.7
30115 31	Tire flaps	Million units	13.8	13.6	16.0	12.2	9.1	12.6
30115 39	Other tire sundries, repair materials and tiring	Million lbs.	33.5	35.3	30.9	(S)	(S)	35.9
30115 00	Tread rubber, tire sundries, and repair materials, n.s.k.	.....	(X)	(X)	1.3	(X)	(X)	3.3
30110 00	Tires and inner tubes, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	(X)	2.6	(X)	(X)	-
30110 02	Tires and inner tubes, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	(X)	2.3	(X)	(X)	-
3021 --	RUBBER FOOTWEAR, TOTAL	.....	(X)	(X)	374.6	(X)	(X)	339.6
	Canvas footwear, total	Million pairs	147.6	152.7	276.1	152.9	148.3	268.2
30210 11	Bals	...do.....	21.7	22.0	48.1	23.9	24.1	48.8
30210 13	Oxfords	...do.....	97.5	102.2	188.0	102.0	97.6	179.6
30210 15	Specialty shoes	...do.....	26.7	26.9	40.0	26.9	26.6	39.8
	Waterproof footwear, total	...do.....	23.3	24.3	75.3	20.9	21.3	65.5
30210 21	Boots	...do.....	4.8	5.0	21.6	1.5	1.5	9.6
30210 31	Lumberman and pacs	...do.....	0.9	0.9	6.2	1.1	1.1	8.3
	Arctics and gaiters:							
	Buckle and automatic, except style	...do.....	5.4	6.1	17.9	4.6	4.8	16.7
	Style, rubber and cloth	...do.....	7.1	7.4	21.2	6.1	6.2	18.5
30210 51	Light and heavy rubbers	...do.....	4.9	4.8	8.4	7.6	7.6	12.4
30210 98	Other rubber footwear	...do.....	7.3	7.4	14.2			
30210 00	Rubber footwear, n.s.k. (For companies with 10 or more employees. See Note.)	...do.....	(X)	(X)	8.9	(NA)	(NA)	5.8
30210 02	Rubber footwear, n.s.k. (For companies with less than 10 employees. See Note.)	...do.....	(X)	(X)	0.2			
3031 --	RECLAIMED RUBBER	Million lbs.	(X)	(X)	47.3	632.9	533.0	55.2
30310 11	Reclaimed rubber (any vulcanizable material, except reclaimed residue or "mud," derived from processing or treatment of natural or synthetic (chemical) vulcanized scrap rubber)	...do.....	547.4	468.7	46.4	632.9	533.0	55.2
30310 00	Reclaimed rubber, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	(X)	0.6	-	-	-
30310 02	Reclaimed rubber, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	(X)	0.3			

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
3069- --	FABRICATED RUBBER PRODUCTS, N.E.C., TOTAL	.....	(X)	(X)	2,927.6	(X)	(X)	2,355.6
30691 --	Rubber and plastics belts and belting, total	.....	(X)	(X)	250.6	(X)	(X)	179.0
30691 11	Conveyor and elevator	Million lbs.	92.5	91.2	88.2	62.0	62.7	59.5
	Transmission:							
30691 13	Flat	...do.....	9.4	9.4	13.3	(S)	(S)	14.4
	Other than flat:							
	Motor vehicles:							
30691 21	Pounds	...do.....	18.3	18.6	41.6	17.7	19.7	35.2
30691 25	Units	Million units.....	59.9	-	-	45.4	-	-
30691 31	Industrial	Million lbs.	22.2	21.7	41.9			
30691 41	Agricultural	...do.....	5.5	5.4	12.9			
30691 51	Fractional horsepower, V-belts	...do.....	8.0	7.7	19.7	(S)	(S)	58.3
30691 59	Other	...do.....	4.1	4.3	14.5			
30691 98	All other rubber and plastics belts and belting	...do.....	9.2	9.2	11.8	(S)	(S)	9.4
30691 00	Rubber belts and belting, n.s.k	.....	(X)	(X)	6.7	(X)	(X)	2.3
30692 --	Rubber hose and tubing, total	.....	(X)	(X)	392.7	(X)	(X)	297.4
	Hose:							
	Horizontal reinforced:							
	Textile:							
30692 12	Hydraulic	Million lbs.	19.8	19.6	28.4	(S)	(S)	34.4
30692 14	Other	...do.....	19.3	18.7	13.0			
	Wire:							
30692 16	Hydraulic	...do.....	53.3	52.1	58.7	31.4	31.0	42.3
30692 18	Other	...do.....	11.4	11.5	14.5			
	Wrapped reinforced:							
	Handbuilt:							
30692 33	Wire	...do.....	14.3	14.5	20.7	17.6	17.6	22.1
30692 35	Nonwire	...do.....	9.3	9.2	11.3			
30692 39	Machine	...do.....	18.0	18.0	21.1	15.8	15.5	16.6
	Circular woven textile:							
30692 42	Single jacket	...do.....	25.3	20.3	19.6	(S)	(S)	18.3
30692 44	Double jacket	...do.....	12.0	12.1	12.8			
30692 63	Garden	...do.....	33.8	33.6	13.4	34.2	33.9	13.6
	Continuous molded nonhydraulic, except garden hose:							
30692 51	Textile	...do.....	79.0	79.3	50.3			
30692 53	Wire	...do.....	(S)	(S)	2.0			
30692 65	Chernak loom	...do.....	3.5	3.5	4.5	(S)	(S)	133.3
30692 67	Braided-helical wire	...do.....	7.1	7.2	7.5			
30692 73	Type of construction, n.e.c., including railroad specification	...do.....	(S)	(S)	79.3			
30692 81	Tubing, except medical and surgical and reinforced	...do.....	35.4	34.1	18.7	20.3	20.4	12.0
30692 00	Rubber hose and tubing, n.s.k	.....	(X)	(X)	16.8	(X)	(X)	4.7
30693 --	Sponge and foam rubber goods, total	.....	(X)	(X)	276.7	(X)	(X)	226.4
	Latex foam:							
30693 11	Automotive seating	Million lbs.	32.6	33.0	19.3	36.9	37.0	26.1
	Upholstery:							
30693 21	Fully molded cushions	...do.....	33.0	32.8	16.1	74.1	71.2	36.8
30693 29	Other, including slab stock, cored building stock, etc	...do.....	36.8	36.9	23.8			
	Mattress cores (except polyurethane)							
30693 31	Pounds	...do.....	23.1	-	-	24.1	-	-
30693 35	Units	Million units.....	0.6	0.6	12.5	0.6	0.6	12.6
30693 45	Pillows	Million units.....	2.6	2.9	5.3	2.9	2.9	4.8
30693 51	Carpet and rug cushions	Million yds.	34.4	33.6	24.2	(S)	(S)	8.3
30693 69	Other latex foam products, including hospital padding and topper pads	Million lbs.	(S)	(S)	59.3	(S)	(S)	59.1

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
	FABRICATED RUBBER PRODUCTS, N.E.C.--Continued							
	Sponge and foam rubber goods--Continued							
	Chemically blown sponge:							
	Open cell:							
30693 73	Carpet and rug cushions	Million sq. yds.	91.8	93.1	67.5			
30693 74	Automotive	Million lbs.	(S)	(S)	15.0			
30693 75	Other	...do...	19.4	19.0	7.9			
						97.3	100.3	75.3
	Closed cell:							
30693 77	Automotive	...do...	11.1	10.5	11.2			
30693 78	Other	...do...	(S)	(S)	13.5			
30693 00	Sponge and foam rubber goods, n.s.k.	...	(X)	(X)	1.3	(X)	(X)	3.6
30694 --	Rubber floor and wall covering, total	...	(X)	(X)	70.7	(X)	(X)	93.2
	Mats, matting and stair treads:							
30694 21	Rolls	Million sq. yds.	(S)	(S)	17.9	(S)	(S)	7.3
	Individual mats:							
30694 23	Automotive	...do...	(S)	(S)	28.8	(S)	(S)	49.9
30694 25	All other, including stair treads	...do...	(S)	(S)	7.9	(S)	(S)	12.4
	Other flooring:							
30694 27	Sheet goods	...do...				(S)	(S)	6.3
30694 28	Tile	...do...				5.7	5.8	12.6
30694 29	Wall coverings, including cove base, wainscotting, etc.	...do...	(S)	(S)	16.1	(S)	(S)	4.6
30694 00	Rubber floor and wall covering, n.s.k.	...				(X)	(X)	0.2
30695 --	Mechanical rubber goods, n.e.c., total	...	(X)	(X)	1,086.5	(X)	(X)	850.7
	Hard rubber mechanical goods:							
	Battery jars, boxes, and parts:							
30695 11	Jars and boxes	Million units	-	-	(1)	33.1	32.2	33.8
30695 15	Parts	...	(X)	(X)	40.0	(X)	(X)	24.7
30695 18	Other	...	(X)	(X)	29.9	(X)	(X)	25.5
	Other rubber mechanical goods:							
	Molded:							
30695 21	Automotive	Million lbs.	(S)	(S)	165.2	(S)	(S)	141.8
30695 23	Adhered to metal, except automotive	...do...	(S)	(S)	59.8	(S)	(S)	42.1
30695 25	Transportation, other than automotive	...do...	(S)	(S)	12.8	(NA)	(NA)	(NA)
	Seals:							
30695 26	Bonded lip shaft seals	...	(X)	(X)	[2]60.4	(NA)	(NA)	(NA)
30695 27	O-rings (including O-rings used as drive belts)	...	(X)	(X)	55.4	(S)	(S)	37.8
30695 28	Packing (for sealing moving parts)	Million lbs.	(S)	(S)	[2]29.5	(S)	(S)	69.8
30695 29	Other molded	...do...	(S)	(S)	146.4	(S)	(S)	118.0
	Extrusion and lathe cut (except tubing):							
	Extrusions only:							
30695 31	Automotive	Million lbs.	63.6	63.1	32.5			
30695 32	Other	...do...	36.5	36.8	24.8	(S)	(S)	78.5
	Lathe cut:							
30695 34	Automotive	...do...	(S)	(S)	6.6			
30695 36	Other	...do...	13.9	12.9	11.5	(S)	(S)	15.9
30695 51	Pressure sensitive tape, including friction	...do...	29.9	28.4	19.0	(S)	(S)	23.9
30695 71	Rolls, covered, including all industry rolls except graphic arts	...	(X)	(X)	32.8	(X)	(X)	21.4
30695 81	Tank blocks, treads, and band tracks	...	(X)	(X)	76.9	(X)	(X)	44.2
30695 83	Fuel cells	...	(X)	(X)	21.5	(X)	(X)	30.4
30695 85	Boats, pontoons, and life rafts	...	(X)	(X)	15.0	(X)	(X)	10.8
30695 98	Other, including sheet rubber and jar rings	...	(X)	(X)	[1]153.0	(X)	(X)	102.3
30695 00	Mechanical rubber goods, n.e.c., n.s.k.	...	(X)	(X)	93.7	(X)	(X)	29.8

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
	FABRICATED RUBBER PRODUCTS, N.E.C.--Continued							
30696 --	Rubber heels and soles, total	.....	(X)	(X)	126.1	(X)	(X)	136.2
	Shoe products rubber, elastomer resin:							
30696 11	Heels	Million pairs	127.1	129.9	21.9	200.7	201.1	30.7
30696 31	Soles	...do	130.4	131.8	50.1	140.8	140.4	49.1
30696 51	Soling slabs and top lift sheets	Million sq. ft.	120.0	121.2	54.0	148.3	144.2	55.5
30696 00	Shoe products rubber, elastomer resin, n.s.k.	.....	(X)	(X)	-	(X)	(X)	0.9
30697 --	Druggist and medical sundries, total	.....	(X)	(X)	84.1	(X)	(X)	79.2
	Rubber druggist and medical sundries including household gloves:							
30697 11	Water bottles, fountain syringes, and combinations	1,000 gross.	(S)	(S)	9.0	44.7	44.9	8.1
30697 31	Nipples and pacifiers	...do	813.2	1,164.3	6.1	822.2	845.7	5.7
	Gloves, including rubberized:							
30697 51	Household	1,000 dozen pairs	2,032.5	2,004.5	11.1	1,865.5	1,846.9	10.8
30697 61	Surgical	...do	(S)	(S)	20.0	5,212.4	4,999.5	15.1
30697 75	Prophylactics (including rubber and other materials)	1,000 dozen.	(S)	(S)	16.4	53,411.9	50,357.3	17.3
30697 76	Diaphragms, separate and in kits	.....	(S)	(S)	1.4	(S)	(S)	2.6
30697 79	Other (including ice bags and caps, and medical-surgical tubing)	.....	(X)	(X)	20.2	(X)	(X)	17.8
30697 00	Druggist and medical sundries, n.s.k.	.....				(X)	(X)	2.2
30698 --	Other rubber goods, n.e.c., total	.....	(X)	(X)	538.1	(X)	(X)	451.0
	Rubber coated fabrics:							
30698 14	Garment fabrics	.....	(S)	(S)	15.5	(S)	(S)	7.3
30698 16	Shoe and slipper fabrics	.....	(S)	(S)	10.2	(S)	(S)	11.6
30698 17	Other coated fabrics, including automotive and furniture upholstery	Million sq. yds	45.1	44.6	53.3	(S)	(S)	36.3
30698 22	Unsupported film and sheeting, all thickness	...do	13.5	13.5	6.8	(NA)	(NA)	(NA)
	Rubber clothing:							
30698 41	Industrial rubber gloves	1,000 dozen pairs	1,177.1	1,367.2	12.0	1,663.4	1,628.6	12.5
30698 55	Bathing and shower caps	1,000 gross.	(S)	(S)	3.9	(S)	(S)	4.6
30698 58	Other rubber clothing (rainwear, aprons, dress shields, etc.)	.....	(X)	(X)	10.7	(X)	(X)	10.1
30698 61	Thread, bare	Million lbs.	21.8	21.6	25.2	19.9	18.8	25.3
	Cement for sale as such:							
30698 64	Latex type	Million gals	(S)	(S)	33.3	(S)	(S)	49.0
30698 65	Solvent type	...do	(S)	(S)	34.1	(S)	(S)	38.4
	Balloons:							
30698 68	Toy and advertising	1,000 gross.	(S)	(S)	10.3	(S)	(S)	12.8
30698 69	Meteorological	...do	(S)	(S)	2.5	(S)	(S)	2.7
	Stationers' sundries:							
30698 73	Bands	Million lbs.	15.1	14.0	9.5	(S)	(S)	7.6
30698 74	Other, including finger cots, erasers (excluding pencil plugs)	...do	(S)	(S)	5.8	(S)	(S)	5.2
30698 79	Balls, except tennis, bowling, golf, footballs, and other inflatable athletic balls	.....	-	-	-	(X)	(X)	2.6
30698 81	Toys, except balloons, balls, and dolls	.....	-	-	4.1	(X)	(X)	8.2
30698 91	Compounds, or mixtures for sale or interplant transfers	.....	(X)	(X)	172.3	(X)	(X)	118.4
30698 98	Other rubber goods, including rubber brushes, combs, mouthpieces, etc	.....	(X)	(X)	106.6	(X)	(X)	85.5
30698 00	Other rubber goods, n.e.c., n.s.k.	.....	(X)	(X)	22.1	(X)	(X)	12.7
30690 00	Fabricated rubber products, n.e.c., n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	(X)	87.8			
30690 02	Fabricated rubber products, n.e.c., n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	(X)	14.3	(X)	(X)	42.4

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Value of shipments including interplant transfers (million dollars) 1967	1963
3079- --	MISCELLANEOUS PLASTICS PRODUCTS:		
	As reported in census of manufactures[3]	5,789.0	3,494.6
	As reported in Current Industrial Reports MA-30D[3]	5,193.7	3,299.8
	Unsupported plastics film, sheets, sheeting, rods, tubes, and other stock shapes:		
	As reported in census of manufactures	1,225.4	688.1
30791 --	Made from purchased resins	1,009.8	521.4
28211 --	Made from resins produced in the same establishment	215.7	166.7
	As reported in Current Industrial Reports MA-30D	1,030.0	672.0
30791 --	Made from purchased resins	851.6	505.3
28211 --	Made from resins produced in the same establishment	178.4	166.7
	Unsupported film, sheets, and sheeting, total	889.5	580.6
	Cellulosic, total	69.6	56.8
30791 10 30791 11 28211 11	Less than 3.0 mils and not specified by gauge	16.1	34.3
30791 13	3.0 mils to 9.9 mils	28.4	11.1
30791 15 28211 15	10.0 mils and over	25.0	11.3
	Polyethylene, total	258.1	167.7
30791 21 28211 21	Less than 3.0 mils	188.1	126.2
30791 23 28211 23	3.0 mils to 9.9 mils	55.4	30.8
30791 25 28211 25	10.0 mils and over	5.3	4.3
30791 20	Not specified by gauge	9.4	6.4
	Polypropylene, total	28.5	15.8
30791 31 28211 31	Less than 3.0 mils	22.9	14.7
30791 33-35	3.0 mils and over	5.6	1.2
	Polystyrene, total	32.3	18.5
30791 41 28211 41	Less than 3.0 mils	11.5	7.1
30791 43	3.0 mils to 9.9 mils		
30791 45 28211 45	10.0 mils and over	20.7	11.4
30791 51 30791 55	Styrene copolymer, all gauges	2.1	2.7
30791 60	Vinyl and vinyl copolymer, total	280.1	183.6
30791 61 28211 61	Less than 3.0 mils and not specified by gauge	[4]81.3	39.1
30791 63 28211 63	3.0 mils to 9.9 mils	72.2 13.5	44.8 9.6
30791 65 28211 65	10.0 mils and over	113.1	67.3 7.0
30791 60 28211 60	Not specified by gauge	([4])	15.7
	Other unsupported plastic film, sheets, and sheeting, total	218.7	135.6
30791 71 28211 71	Less than 3.0 mils	96.1	135.6
30790 73 28211 73	3.0 mils to 9.9 mils	24.8	
30791 75 28211 75	10 mils and over	97.9	
	Unsupported plastics rods, tubes, and other stock shapes (excluding foam), total	138.7	76.6
30791 81	Acrylate and methacrylate	6.7	3.5
30791 83 28211 83	Cellulosics	18.1	9.8
30791 85	Polyamide (nylon)	8.0	4.9
30791 87	Polyethylene	6.1	7.1
30791 89	Polypropylene	17.5	3.2
30791 91	Polystyrene	6.5	6.3
30791 93	Styrene copolymer	1.3	1.4
30791 95 28211 95	Vinyl and vinyl copolymer	35.7	19.2
30791 97	Other unsupported plastics rods, tubes, and other stock shapes	38.8	21.2
30791 00 28210 00	Unsupported plastics film, sheets, sheeting, rods, tubes, and other stock shapes, n.s.k.	1.9	14.7

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Value of shipments including interplant transfers (million dollars)	
		1967	1963
3079- --	MISCELLANEOUS PLASTICS PRODUCTS--Continued		
30792 --	Foamed plastics products, total:		
	As reported in census of manufactures	492.8	261.2
	As reported in Current Industrial Reports MA-30D	428.8	246.5
30792 11	Mattress cores (uncovered only)	22.5	8.4
30792 21	Formed and slab stock for pillows, seating, cushioning, etc	220.5	127.2
	Insulation:		
30792 33	Pipe	2.8	
30792 35	Block	10.4	48.9
30792 37	Other foamed insulation		
30792 30	Insulation, not specified by kind	38.5	
30792 41	Carpet and rug cushions	4.2	
30792 98	Other foamed plastics products	113.7	51.6
30792 00	Foamed plastics products, not specified by kind	16.1	10.4
30793 --	Laminated sheets, rods, and tubes, total:		
	As reported in census of manufactures	352.8	244.1
	As reported in Current Industrial Reports MA-30D	330.3	239.5
	High pressure thermosetting:		
30793 11	Decorative sheets	175.5	136.8
30793 21	Metal clad sheets	47.2	22.1
30793 31	Other sheets	38.9	34.8
30793 41	Rods and tubes	11.3	8.6
	Low pressure:		
30793 51	Thermosetting sheets	20.4	10.6
30793 61	Thermosetting rods and tubes	4.5	2.4
30793 71	Thermoplastic sheets, rods, and tubes on materials other than textile or random fiber	30.2	14.0
30793 00	Laminated sheets, rods, and tubes, n.s.k	-	9.3
30794 --	Packaging and shipping containers, plastics, total:		
	As reported in census of manufactures	774.5	441.8
	As reported in Current Industrial Reports MA-30D	784.3	440.9
30794 11	Baskets	7.7	2.8
30794 21	Open top and trays (except tote boxes)	20.7	6.9
30794 23	Tote boxes	8.0	2.1
30794 27	Boxes and cases with tops	54.5	32.3
	Bottles and drums:		
30794 31	Less than 8 fluid ounce bottles and vials	48.3	26.2
30794 32	8 to 32 fluid ounce bottles	103.2	66.4
30794 33	33 to 64 fluid ounce bottles	28.9	20.6
30794 35	65 to 128 fluid ounce bottles	36.3	20.1
30794 37	129 to 256 fluid ounce bottles	3.6	
30794 41	5 gallons only	0.9	0.4
30794 43	Over 2 gallons (except 5 gallons)	6.5	2.6
30794 40	Not specified by size	8.2	-
30794 53	Disposable cups and tumblers (including foamed)	61.3	26.1
30794 57	Jars and tubs	32.2	12.9
30794 67	Foamed protective shipping pads and shaped packaging	14.4	8.2
30794 71	Caps and closures	185.2	98.1
30794 77	Blister and bubble formed packaging	7.7	9.7
30794 51	Cans	143.3	1.6
30794 98	Other plastics packaging and related products (including synthetic meat and sausage casings)		88.2
30794 00	Plastics packaging and shipping containers, n.s.k	13.4	15.7
30795 --	Industrial plastics products, total:		
	As reported in census of manufactures	1,263.7	832.8
	As reported in Current Industrial Reports MA-30D	1,288.5	828.2
30795 11	Gears, bearings, bushings, and cams	32.1	22.8
	Components, housing, accessories, and parts for--transportation equipment:		
30795 21	Motor vehicles	305.6	166.3
30795 23	Aircraft	58.4	30.4
30795 25	Missile	45.1	56.8
30795 28	Other transportation equipment	18.0	13.2
30795 31	Office, computing, accounting machines, cash registers, data processing machines, etc	46.6	19.9
	Household and commercial appliances:		
30795 41	Air conditioners	15.2	7.3
30795 43	Refrigerators and freezers	61.2	45.1
30795 45	Other major appliances	58.0	45.7
30795 47	Small appliances	53.0	41.1
30795 51	Other electrical and electronic equipment, including wiring devices	197.1	137.5
30795 68	Other components, housings, accessories, and parts	100.0	77.6
30795 98	Other industrial plastics products	155.3	76.1
30795 00	Industrial plastics products, n.s.k	142.8	88.4

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Value of shipments including interplant transfers (million dollars)	
		1967	1963
3079- --	MISCELLANEOUS PLASTICS PRODUCTS--Continued		
30796 --	Construction plastics products, total:		
	As reported in census of manufactures	426.7	283.8
	As reported in Current Industrial Report MA-30D	391.0	280.6
30796 11	Corrugated and flat panels	58.3	40.8
30796 21	Doors and partitions, folding accordian type	16.2	19.1
	Unsupported plastics floor, wall, and counter covering:		
30796 31	Sheet goods	11.8	11.4
30796 35	Floor tile	39.2	45.2
30796 37	Wall tile	10.9	9.9
30796 51	Plumbing fixtures and parts (excluding pipe and fittings)	18.4	13.6
	Pipe:		
30796 53	1/2 to less than 2 inches, inside diameter	44.2	32.5
30796 55	2 inches and over inside diameter	51.3	16.8
30796 54	Not specified by size	11.1	8.4
30796 57	Fittings and unions	51.2	21.4
30796 61	Insect screening		(NA)
30796 98	Other construction plastics products	78.5	60.7
30796 00	Construction plastics products, n.s.k.		0.9
30797 --	Plastics dinnerware, tableware and kitchenware, total:		
	As reported in census of manufactures	205.2	147.6
	As reported in Current Industrial Reports MA-30D	180.7	144.8
30797 13	Plastics dinnerware and kitchenware (for serving food and drink)	95.7	89.5
30797 15	Plastics kitchenware (for storing food and drink)		
30797 00	Plastics dinnerware, tableware and kitchenware, n.s.k.	85.0	55.4
30798 --	Consumer and commercial plastics products, n.e.c., total:		
	As reported in census of manufactures	651.7	457.1
	As reported in Current Industrial Reports MA-30D	550.5	333.4
30798 11	Utility containers	68.6	40.4
30798 21	Flower pots, flower boxes, and planters	12.0	11.4
	Footwear and shoe products:		
30798 41	Shoe products	55.0	33.7
30798 31	Arctics and gaiters	17.9	10.6
30798 51	Other footwear	9.4	
30798 61	Garden hose	27.7	23.1
30798 63	Other hose	19.8	10.0
30798 65	Tubing (under 1/2 inch inside diameter)	11.6	9.2
30798 71	Hardware	13.4	9.5
30798 73	Picnic jugs, cooler chests, and ice buckets (including foamed)	23.5	11.7
30798 75	Clotheslines		1.9
30798 98	Other consumer and commercial plastics products, n.e.c.	266.0	152.3
30798 00	Other consumer and commercial plastics products, n.e.c., n.s.k.	25.6	19.7
	Miscellaneous plastics products, n.s.k.:		
	As reported in census of manufactures:		
30790 00	Miscellaneous plastic products, n.s.k. (For companies with 10 or more employees. See Note.)	315.6	
30790 02	Miscellaneous plastic products, n.s.k. (For companies with less than 10 employees. See Note.)	80.5	138.1
	As reported in Current Industrial Reports MA-30D	209.6	113.9

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]Code 3069511 included in code 3069598.

[2]Code 3069526 requested for the first time in 1967--some or all of this production was probably reported in code 3069528 in 1963.

[3]The difference between the value of shipments reported in the census of manufactures and the value reported in the Current Industrial Reports Series MA-30D is accounted for in part by plastics products reported in the census of manufactures as products of industry 3079, Miscellaneous Plastics Products, without sufficient description to recode properly into a more correct product code in other industries and by new producers reporting in the census of manufactures but not included in the Current Industrial Reports.

[4]To avoid disclosing figures for individual companies, "less than 3.0 mils" and "not specified by gauge" were shown as a combined figure for 1967, although it was possible to show separate data for 1963.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
PASSENGER CAR AND MOTORCYCLE PNEUMATIC TIRES (30111)		
United States	1,713.6	1,285.9
Northeast Region	255.1	203.2
New England Div.	GG	(D)
Massachusetts	GG	(1)
Connecticut	FF	(1)
Middle Atlantic Div.	GG	(D)
New York	FF	(1)
Pennsylvania	131.7	(1)
North Central Region	764.6	595.3
East North Central Div.	623.7	470.1
Ohio	311.4	247.9
Indiana	FF	(1)
Illinois	GG	(1)
Michigan	GG	(1)
Wisconsin	GG	(1)
West North Central Div.	140.9	125.3
Iowa	GG	(1)
Kansas	GG	(1)
South Region	485.8	355.2
South Atlantic Div.	GG	(D)
Maryland	FF	(1)
North Carolina	BB	(D)
East South Central Div.	306.0	(D)
Kentucky	FF	(1)
Tennessee	GG	(1)
Alabama	141.4	(1)
Mississippi	FF	(1)
West South Central Div.	GG	(D)
Arkansas	GG	(1)
Oklahoma	EE	(1)
Texas	GG	(1)
West Region	208.1	132.2
Mountain Div.	FF	(D)
Colorado	FF	(1)
Pacific Div.	GG	(D)
California	GG	(1)
TRUCK, BUS, AND OFF-HIGHWAY PNEUMATIC TIRES (30112)		
United States	829.4	659.5
Northeast Region	77.9	64.4
New England Div.	FF	(D)
Massachusetts	EE	(1)
Connecticut	CC	(1)
Middle Atlantic Div.	GG	(D)
New York	EE	(1)
Pennsylvania	38.5	(1)
North Central Region	429.7	361.1
East North Central Div.	339.6	396.9
Ohio	228.2	210.7
Indiana	FF	(1)
Illinois	EE	(D)
Michigan	FF	(1)
Wisconsin	EE	(1)
West North Central Div.	90.1	64.2
Iowa	FF	(1)
Kansas	GG	(1)
TRUCK, BUS, AND OFF-HIGHWAY PNEUMATIC TIRES (30112)--Con.		
South Region	257.0	192.5
South Atlantic Div.	FF	(D)
Maryland	FF	(1)
Virginia	EE	(D)
East South Central Div.	124.6	(D)
Kentucky	EE	(1)
Tennessee	FF	(1)
Alabama	GG	(1)
Mississippi	CC	(1)
West South Central Div.	GG	(D)
Arkansas	CC	(1)
Oklahoma	FF	(1)
Texas	FF	(1)
West Region	64.7	41.5
Mountain Div.	CC	(D)
Colorado	CC	(1)
Pacific Div.	GG	(D)
California	GG	(1)
OTHER PNEUMATIC TIRES AND SOLID TIRES (30113)		
United States	274.5	186.8
Northeast Region	20.2	13.8
New England Div.	CC	(D)
Maine	AA	(1)
Massachusetts	CC	(1)
Middle Atlantic Div.	EE	(D)
Pennsylvania	EE	(1)
North Central Region	193.1	133.8
East North Central Div.	130.0	93.1
Ohio	103.7	(1)
Indiana	CC	(1)
Illinois	BB	(1)
Michigan	EE	(1)
Wisconsin	BB	(1)
West North Central Div.	63.0	40.7
Iowa	FF	(1)
Kansas	EE	(1)
South Region	57.9	35.7
South Atlantic Div.	EE	(D)
Maryland	EE	(1)
Georgia	BB	(1)
East South Central Div.	20.9	(D)
Tennessee	CC	3.0
Alabama	EE	(1)
West South Central Div.	FF	(D)
Oklahoma	EE	(1)
West Region	3.3	3.4
Pacific Div.	3.3	(D)
California	3.3	(1)
ALL INNER TUBES (30114)		
United States	112.9	95.1
Northeast Region	16.6	17.4
New England Div.	BB	(D)
Massachusetts	BB	(1)
Middle Atlantic Div.	EE	(D)
Pennsylvania	EE	(1)
North Central Region	39.4	31.6
East North Central Div.	FF	(D)
Ohio	18.5	(1)
Indiana	EE	(1)
West North Central Div.	CC	(D)
Missouri	CC	(1)
South Region	57.0	(D)
South Atlantic Div.	CC	(D)
Maryland	CC	(1)
East South Central Div.	33.8	(D)
Alabama	FF	(1)
Mississippi	CC	(1)
West South Central Div.	EE	(D)
Arkansas	EE	(D)
Oklahoma	BB	(1)
TREAD RUBBER, TIRE SUNDRIES, REPAIR MATERIALS (30115)		
United States	198.3	192.5
Northeast Region	31.9	31.2
New England Div.	10.1	9.1
Massachusetts	BB	(1)
Rhode Island	BB	(1)
Connecticut	BB	(1)
Middle Atlantic Div.	21.8	22.2
New Jersey	BB	(1)
Pennsylvania	EE	18.4
North Central Region	66.4	61.9
East North Central Div.	53.5	51.6
Ohio	44.6	39.8
Indiana	4.6	(1)
Illinois	BB	(1)
West North Central Div.	12.9	10.3
Iowa	CC	7.7
Kansas	BB	(1)
South Region	64.3	60.0
South Atlantic Div.	30.1	22.6
Maryland	BB	(1)
North Carolina	BB	(D)
South Carolina	CC	(1)
Georgia	15.8	(1)
East South Central Div.	19.0	19.4
Tennessee	CC	(1)
Alabama	EE	(1)
Mississippi	BB	(1)
West South Central Div.	15.2	18.0
Oklahoma	BB	(1)
Texas	11.3	8.5

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
TREAD RUBBER, TIRE SUNDRIES, REPAIR MATERIALS (30115)--Con.		
West Region	35.7	39.4
Pacific Div.	35.7	(D)
Washington	AA	(1)
Oregon	BB	(1)
California	FF	33.8
RUBBER BELTS AND BELTING (30691)		
United States	250.6	179.0
Northeast Region	GG	56.3
New England Div.	EE	9.2
Massachusetts	EE	(1)
Connecticut	AA	(D)
Middle Atlantic Div.	64.2	47.1
New York	EE	(1)
New Jersey	EE	(1)
Pennsylvania		
North Central Region	105.3	75.7
East North Central Div.	53.4	37.6
Ohio	48.4	35.0
Illinois	AA	(D)
Michigan	BB	(D)
West North Central Div.	51.9	38.1
Minnesota	CC	(1)
Missouri	EE	(1)
Nebraska	FF	(1)
South Region	FF	(D)
South Atlantic Div.	CC	(D)
North Carolina	CC	(1)
South Carolina	AA	(D)
East South Central Div.	EE	(D)
Kentucky	EE	(D)
West Region	FF	(D)
Mountain Div.	FF	(D)
Colorado	FF	(1)
Utah	AA	(1)
Pacific Div.	BB	(D)
California	BB	(1)
RUBBER HOSE AND TUBING (30692)		
United States	392.7	297.4
Northeast Region	88.3	84.9
New England Div.	9.7	20.9
Massachusetts	CC	(1)
Connecticut	BB	(1)
Middle Atlantic Div.	78.6	64.0
New York	EE	10.2
New Jersey	56.5	45.6
Pennsylvania	CC	8.2
North Central Region	183.8	135.4
East North Central Div.	173.1	128.6
Ohio	95.6	77.0
Indiana	CC	(1)
Illinois	54.7	33.9
Michigan	EE	9.8

Product class and geographic area	Value of shipments	
	1967	1963
RUBBER HOSE AND TUBING (30692)--Con.		
North Central Region--Con.		
West North Central Div.	10.8	6.8
Minnesota	1.5	(1)
Nebraska	CC	(1)
Kansas	BB	(1)
South Region	62.0	30.3
South Atlantic Div.	42.2	(D)
Delaware	FF	(1)
Virginia	AA	(1)
North Carolina	CC	(1)
Georgia	AA	(1)
East South Central Div.	EE	(D)
Kentucky	BB	(D)
Tennessee	EE	(D)
West South Central Div.	BB	(D)
Texas	BB	(1)
West Region	58.6	46.8
Mountain Div.	FF	(D)
Colorado	FF	(1)
Arizona	AA	(D)
Utah	BB	(1)
Pacific Div.	EE	(D)
California	11.2	(1)
SPONGE AND FOAM RUBBER GOODS (30693)		
United States	276.7	226.4
Northeast Region	100.0	91.6
New England Div.	60.0	60.8
Massachusetts	CC	(1)
Rhode Island	BB	(1)
Connecticut	GG	(1)
Middle Atlantic Div.	39.9	30.8
New Jersey	EE	9.5
Pennsylvania	21.5	18.6
North Central Region	102.7	90.1
East North Central Div.	91.3	(D)
Ohio	60.4	60.1
Indiana	FF	15.0
Illinois	CC	7.5
West North Central Div.	11.4	(D)
Iowa	CC	(1)
Missouri	BB	(D)
South Region	49.4	19.9
South Atlantic Div.	22.9	(D)
Virginia	BB	(1)
West Virginia	BB	(D)
North Carolina	EE	(1)
Georgia	BB	2.0
East South Central Div.	25.2	(D)
Tennessee	EE	(1)
Mississippi	EE	(D)
West South Central Div.	1.3	(D)
Texas	1.3	(D)
West Region	24.7	24.9
Pacific Div.	FF	(D)
California	FF	(D)

Product class and geographic area	Value of shipments	
	1967	1963
RUBBER FLOOR AND WALL COVERING (30694)		
United States	70.7	93.2
Northeast Region	10.8	21.0
New England Div.	BB	8.6
Massachusetts	BB	(1)
Rhode Island	AA	(1)
Middle Atlantic Div.	CC	12.3
New Jersey	AA	(1)
Pennsylvania	BB	(1)
North Central Region	46.7	52.7
East North Central Div.	46.7	52.7
Ohio	FF	42.1
Indiana	CC	(1)
South Region	6.8	10.3
East South Central Div.	BB	(D)
Alabama	BB	5.5
West South Central Div.	AA	(D)
Texas	AA	(1)
West Region	6.4	9.2
Pacific Div.	CC	(D)
California	CC	(1)
MECHANICAL RUBBER GOODS, N.E.C. (30695)		
United States	1,086.5	850.7
Northeast Region	273.7	215.2
New England Div.	105.0	84.0
New Hampshire	CC	(1)
Massachusetts	70.1	54.8
Rhode Island	BB	(1)
Connecticut	23.8	18.8
Middle Atlantic Div.	168.7	131.2
New York	41.0	30.3
New Jersey	71.1	56.8
Pennsylvania	56.5	44.2
North Central Region	589.1	479.5
East North Central Div.	567.4	467.2
Ohio	253.4	212.8
Indiana	160.2	127.6
Illinois	84.8	66.8
Michigan	53.8	48.5
Wisconsin	15.2	11.5
West North Central Div.	21.6	12.3
Minnesota	13.3	8.7
Missouri	BB	2.2
South Dakota	AA	(D)
Nebraska	BB	(D)
South Region	136.0	60.7
South Atlantic Div.	45.8	26.4
Maryland	4.7	3.6
Virginia	EE	8.1
West Virginia	BB	(1)
North Carolina	BB	(1)
South Carolina	4.7	(1)
Georgia	12.2	3.8
Florida	4.0	8.3
East South Central Div.	40.0	15.9
Kentucky	FF	(1)
Tennessee	EE	(1)
Alabama	1.9	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
MECHANICAL RUBBER GOODS, N.E.C. (30695)--Con.		
South Region--Con.		
West South Central Div....	50.2	18.4
Arkansas.....	FF	(1)
Texas.....	FF	(1)
West Region.....	87.8	95.3
Mountain Div.....	7.8	9.6
Colorado.....	CC	(1)
Utah.....	AA	(1)
Pacific Div.....	79.9	85.7
Oregon.....	BB	(1)
California.....	75.0	82.2
RUBBER HEELS AND SOLES (30696)		
United States.....	126.1	136.2
Northeast Region.....	68.6	74.5
New England Div.....	GG	(D)
New Hampshire.....	AA	(1)
Vermont.....	EE	(1)
Massachusetts.....	38.9	44.4
Rhode Island.....	BB	5.2
Middle Atlantic Div.....	BB	(D)
New York.....	BB	(1)
New Jersey.....	AA	(1)
North Central Region....	13.4	19.1
East North Central Div....	CC	(D)
Ohio.....	BB	8.5
Michigan.....	BB	(1)
West North Central Div....	CC	(D)
Missouri.....	CC	(D)
South Region.....	44.1	(D)
South Atlantic Div.....	22.6	(D)
Maryland.....	EE	15.7
Virginia.....	CC	(1)
West Virginia.....	BB	(1)
East South Central Div....	EE	(D)
Tennessee.....	CC	(1)
Mississippi.....	CC	(1)
West South Central Div....	BB	(D)
Texas.....	BB	(1)
DRUGGIST AND MEDICAL SUNDRIES (30697)		
United States.....	84.1	79.2
Northeast Region.....	36.6	37.0
New England Div.....	FF	(D)
Rhode Island.....	EE	(1)
Connecticut.....	CC	(1)
Middle Atlantic Div.....	EE	(D)
New Jersey.....	15.1	16.9
Pennsylvania.....	AA	(1)
North Central Region....	36.3	(D)
East North Central Div....	36.3	32.9
Ohio.....	FF	(D)
Illinois.....	AA	(D)
DRUGGIST AND MEDICAL SUNDRIES (30697)--Con.		
South Region.....	EE	(D)
South Atlantic Div.....	EE	(D)
Delaware.....	CC	(1)
Maryland.....	AA	(1)
Georgia.....	AA	(D)
OTHER RUBBER GOODS, N.E.C. (30698)		
United States.....	538.1	451.0
Northeast Region.....	202.5	188.8
New England Div.....	121.7	109.2
New Hampshire.....	AA	(1)
Massachusetts.....	77.3	72.5
Rhode Island.....	20.7	16.7
Connecticut.....	21.3	17.4
Middle Atlantic Div.....	80.7	79.6
New York.....	22.4	24.5
New Jersey.....	28.1	29.7
Pennsylvania.....	30.2	25.2
North Central Region....	186.6	159.7
East North Central Div....	170.4	146.4
Ohio.....	100.6	104.2
Indiana.....	FF	3.0
Illinois.....	18.7	16.1
Michigan.....	23.6	18.3
Wisconsin.....	BB	4.8
West North Central Div....	16.2	13.3
Minnesota.....	CC	(1)
Missouri.....	7.8	4.5
Kansas.....	AA	(1)
South Region.....	112.3	69.5
South Atlantic Div.....	87.6	49.1
Delaware.....	BB	(D)
Virginia.....	25.3	(1)
West Virginia.....	EE	(D)
North Carolina.....	7.4	5.2
South Carolina.....	BB	(1)
Georgia.....	36.2	29.2
East South Central Div....	18.1	16.7
Tennessee.....	15.8	13.4
Mississippi.....	AA	(1)
West South Central Div....	6.7	3.7
Arkansas.....	BB	(1)
Texas.....	AA	(1)
West Region.....	36.7	33.0
Mountain Div.....	AA	(D)
Utah.....	AA	(D)
Pacific Div.....	FF	(D)
California.....	34.1	(1)
UNSUPPORTED PLASTICS FILM, SHEETS, RODS, TUBES, ETC. (28211 and 30791)		
United States.....	1,225.4	688.1
Northeast Region.....	498.8	325.0
New England Div.....	145.7	74.3
Maine.....	EE	(D)
Massachusetts.....	94.9	41.6
Rhode Island.....	EE	(1)
Connecticut.....	27.6	21.4
UNSUPPORTED PLASTICS FILM, SHEETS, RODS, TUBES, ETC. (28211 and 30791)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.....	353.1	250.7
New York.....	92.4	80.1
New Jersey.....	179.7	114.7
Pennsylvania.....	81.1	55.9
North Central Region....	351.1	187.0
East North Central Div....	310.9	176.1
Ohio.....	126.7	67.9
Indiana.....	33.6	22.6
Illinois.....	76.2	39.5
Michigan.....	58.9	36.3
Wisconsin.....	15.4	9.9
West North Central Div....	40.3	10.9
Minnesota.....	22.1	6.4
Iowa.....	BB	(D)
Missouri.....	11.9	3.3
Kansas.....	AA	(D)
South Region.....	300.6	146.7
South Atlantic Div.....	178.7	73.5
Delaware.....	9.2	(D)
Maryland.....	AA	(D)
Virginia.....	40.3	21.0
West Virginia.....	FF	(D)
North Carolina.....	6.4	4.0
South Carolina.....	59.9	30.8
Georgia.....	FF	(1)
Florida.....	5.0	1.5
East South Central Div....	86.7	52.2
Kentucky.....	CC	(1)
Tennessee.....	FF	(1)
Alabama.....	34.7	(1)
Mississippi.....	CC	(1)
West South Central Div....	35.2	21.0
Oklahoma.....	BB	(D)
Texas.....	FF	(1)
West Region.....	75.0	29.5
Pacific Div.....	GG	(D)
Washington.....	AA	1.5
Oregon.....	1.3	(D)
California.....	70.6	27.4
FOAMED PLASTICS PRODUCTS (30792)		
United States.....	492.8	261.2
Northeast Region.....	131.3	59.6
New England Div.....	18.3	15.4
New Hampshire.....	BB	(1)
Massachusetts.....	CC	6.9
Connecticut.....	8.6	(1)
Middle Atlantic Div.....	113.0	44.2
New York.....	16.3	7.4
New Jersey.....	55.2	24.9
Pennsylvania.....	41.5	11.9
North Central Region....	198.0	126.4
East North Central Div....	185.6	101.9
Ohio.....	86.0	42.0
Indiana.....	29.9	24.4
Illinois.....	34.6	(1)
Michigan.....	35.1	20.6

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
FOAMED PLASTICS PRODUCTS (30792)--Con.		
North Central Region--Con.		
West North Central Div.	12.4	24.5
Minnesota	1.4	(D)
Iowa	CC	(1)
Missouri	3.7	(1)
South Region	125.5	53.4
South Atlantic Div.	67.7	38.1
Delaware	AA	(D)
Maryland	BB	(1)
Virginia	20.6	16.9
North Carolina	37.0	17.6
South Carolina	AA	(D)
Georgia	2.7	(D)
Florida	1.4	(D)
East South Central Div.	29.3	9.9
Tennessee	18.5	(1)
Alabama	CC	(D)
Mississippi	4.5	(1)
West South Central Div.	28.6	5.3
Arkansas	BB	(1)
Texas	FF	3.2
West Region	37.9	21.9
Pacific Div.	FF	(D)
California	FF	20.2
LAMINATED SHEETS, RODS, AND TUBES (30793)		
United States	352.8	244.1
Northeast Region	87.0	60.7
New England Div.	36.6	27.9
Maine	EE	(1)
Massachusetts	19.4	(1)
Connecticut	CC	(1)
Middle Atlantic Div.	50.4	32.8
New York	18.1	8.0
New Jersey	15.7	11.4
Pennsylvania	16.6	13.4
North Central Region	164.7	122.5
East North Central Div.	GG	120.5
Ohio	GG	(1)
Indiana	2.6	(D)
Illinois	18.7	10.6
Michigan	9.7	(1)
Wisconsin	26.4	18.8
West North Central Div.	EE	2.0
Minnesota	BB	(1)
Missouri	CC	(D)
South Region	65.7	50.6
South Atlantic Div.	50.1	(D)
Delaware	CC	(1)
Maryland	EE	(1)
North Carolina	BB	(D)
South Carolina	FF	(1)
East South Central Div.	EE	(D)
Mississippi	EE	(1)
West South Central Div.	AA	(D)
Texas	AA	(1)
West Region	35.4	10.3
Pacific Div.	FF	(D)
California	FF	10.1

Product class and geographic area	Value of shipments	
	1967	1963
PACKAGING AND SHIPPING CONTAINERS, PLASTICS (30794)		
United States	774.5	441.8
Northeast Region	285.3	185.2
New England Div.	91.3	53.6
New Hampshire	9.6	(1)
Massachusetts	49.3	31.8
Rhode Island	CC	3.3
Connecticut	25.4	15.1
Middle Atlantic Div.	194.0	131.6
New York	58.4	43.6
New Jersey	97.8	67.0
Pennsylvania	37.7	21.0
North Central Region	298.2	168.8
East North Central Div.	257.5	148.6
Ohio	41.1	26.2
Indiana	40.8	18.6
Illinois	147.5	94.0
Michigan	6.4	6.1
Wisconsin	21.7	3.7
West North Central Div.	40.7	20.1
Minnesota	7.0	1.7
Iowa	CC	(D)
Missouri	22.6	16.1
Kansas	BB	(D)
South Region	117.0	56.5
South Atlantic Div.	73.8	37.3
Delaware	CC	(1)
Maryland	15.5	12.2
Virginia	FF	(1)
West Virginia	AA	(1)
North Carolina	BB	(1)
South Carolina	CC	(1)
Georgia	11.5	3.8
Florida	2.3	(D)
East South Central Div.	25.4	14.5
Kentucky	BB	(D)
Tennessee	FF	(1)
West South Central Div.	17.8	4.8
Arkansas	CC	(D)
Louisiana	AA	(D)
Oklahoma	AA	(D)
Texas	7.1	(1)
West Region	74.1	31.3
Mountain Div.	3.4	1.9
Arizona	AA	(D)
Pacific Div.	70.7	29.4
Washington	BB	(D)
California	67.7	29.1
INDUSTRIAL PLASTICS PRODUCTS (30795)		
United States	1,263.7	832.8
Northeast Region	424.6	283.3
New England Div.	137.5	83.2
New Hampshire	FF	(1)
Vermont	7.1	(1)
Massachusetts	64.1	45.5
Rhode Island	CC	6.5
Connecticut	28.4	16.8
Middle Atlantic Div.	287.1	200.0
New York	104.0	76.4
New Jersey	84.8	62.8
Pennsylvania	98.4	60.8

Product class and geographic area	Value of shipments	
	1967	1963
INDUSTRIAL PLASTICS PRODUCTS (30795)--Con.		
North Central Region	667.4	420.0
East North Central Div.	588.8	389.1
Ohio	178.1	114.1
Indiana	100.7	58.4
Illinois	137.2	109.4
Michigan	142.9	87.9
Wisconsin	29.8	19.3
West North Central Div.	78.7	30.9
Minnesota	32.0	14.4
Iowa	17.4	(1)
Missouri	20.8	9.2
Nebraska	BB	(D)
Kansas	BB	3.9
South Region	82.4	49.4
South Atlantic Div.	44.9	29.9
Delaware	8.5	(1)
Maryland	3.3	2.3
Virginia	9.7	7.3
North Carolina	6.1	3.6
South Carolina	4.0	3.1
Georgia	2.7	(1)
Florida	10.6	3.7
East South Central Div.	15.1	9.7
Kentucky	6.2	(1)
Tennessee	BB	4.5
Alabama	BB	(D)
Mississippi	2.3	1.8
West South Central Div.	22.4	9.8
Arkansas	1.1	(1)
Oklahoma	5.6	(1)
Texas	15.7	6.0
West Region	89.3	80.1
Mountain Div.	1.8	(D)
Pacific Div.	87.5	(D)
Washington	2.7	(D)
Oregon	1.4	(D)
California	83.4	78.3
CONSTRUCTION PLASTICS PRODUCTS (30796)		
United States	426.7	283.8
Northeast Region	73.5	57.3
New England Div.	20.0	8.9
Maine	AA	(1)
New Hampshire	BB	(1)
Massachusetts	EE	4.3
Middle Atlantic Div.	53.5	48.3
New York	18.5	10.9
New Jersey	25.6	32.5
Pennsylvania	9.4	5.0
North Central Region	131.9	97.0
East North Central Div.	93.2	67.0
Ohio	41.1	37.6
Indiana	21.2	13.6
Illinois	13.2	6.4
Michigan	7.4	4.4
Wisconsin	10.4	5.1
West North Central Div.	38.6	30.0
Minnesota	EE	(1)
Iowa	AA	(D)
Missouri	7.0	5.5
Nebraska	2.1	(D)
Kansas	CC	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
CONSTRUCTION PLASTICS PRODUCTS (30796)--Con.		
South Region	139.1	82.6
South Atlantic Div	25.4	15.8
Virginia	AA	2.1
North Carolina	BB	3.9
Georgia	AA	(D)
Florida	16.0	6.3
East South Central Div	65.4	48.9
Kentucky	9.2	(1)
Tennessee	BB	(1)
Alabama	GG	(1)
West South Central Div	48.4	17.9
Arkansas	11.0	(1)
Louisiana	AA	(1)
Oklahoma	CC	4.7
Texas	27.6	9.9
West Region	82.3	47.0
Mountain Div	BB	(D)
Arizona	BB	(D)
Pacific Div	GG	(D)
Washington	3.0	1.6
California	75.5	44.0
PLASTICS DINNERWARE, TABLEWARE, AND KITCHENWARE (30797)		
United States	205.2	147.6
Northeast Region	100.9	62.4
New England Div	77.0	44.0
Maine	AA	(1)
Massachusetts	FF	(1)
Rhode Island	FF	(1)
Middle Atlantic Div	23.9	18.4
New York	7.9	7.2
New Jersey	7.0	7.8
Pennsylvania	8.9	3.4
North Central Region	61.8	49.3
East North Central Div	51.9	40.7
Ohio	20.3	13.4
Indiana	BB	(1)
Illinois	12.6	16.6
Michigan	EE	3.4
Wisconsin	BB	(1)
West North Central Div	9.9	8.6
Missouri	7.4	(1)
Nebraska	AA	(D)
South Region	27.9	21.7
South Atlantic Div	BB	(D)
Maryland	BB	(D)
East South Central Div	8.4	(D)
Alabama	AA	(D)
Mississippi	CC	(1)
West South Central Div	EE	(D)
Texas	EE	(1)
West Region	14.6	14.2
Pacific Div	EE	(D)
California	EE	14.1
CONSUMER AND COMMERCIAL PLASTICS PRODUCTS, N.E.C. (30798)		
United States	651.7	457.1
Northeast Region	307.5	220.6
New England Div	119.4	84.2
Maine	9.0	5.5
New Hampshire	9.6	6.3
Vermont	3.3	1.2
Massachusetts	79.7	56.2
Rhode Island	6.9	7.2
Connecticut	10.8	7.8
Middle Atlantic Div	188.1	136.4
New York	94.2	59.5
New Jersey	49.2	43.7
Pennsylvania	44.7	33.2
North Central Region	210.8	148.0
East North Central Div	169.6	127.5
Ohio	82.5	48.7
Indiana	11.9	7.0
Illinois	45.9	51.4
Michigan	18.6	14.0
Wisconsin	10.7	6.4
West North Central Div	41.2	20.5
Minnesota	CC	4.5
Iowa	8.0	3.2
Missouri	25.0	11.3
Nebraska	AA	(D)
South Region	73.7	43.2
South Atlantic Div	46.9	21.5
Delaware	BB	(1)
Maryland	5.2	5.0
Virginia	CC	1.8
North Carolina	8.5	5.6
South Carolina	14.2	(1)
Georgia	6.2	(D)
Florida	6.2	3.0
East South Central Div	11.4	9.6
Tennessee	5.3	6.6
Alabama	BB	(1)
Mississippi	AA	(D)
West South Central Div	15.5	12.1
Arkansas	AA	(1)
Texas	13.4	10.0
West Region	59.7	45.3
Mountain Div	6.6	2.2
Colorado	5.8	1.3
Pacific Div	53.1	43.1
California	51.9	41.3

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
3011-	Tires and inner tubes.....Million dollars..	3,133.5	3,082.7	2,838.6	2,541.0	2,419.8	2,145.3	1,729.9	1,513.0
30111	Passenger car and motorcycle pneumatic tires (casings).....do..	1,713.6	1,620.3	1,534.3	1,350.6	1,285.9	1,076.8	854.2	671.4
30112	Truck and bus, and off-highway pneumatic tires.....do..	829.4	888.3	784.5	694.3	659.5	602.0	520.2	536.7
30113	Other pneumatic tires and solid tires.....do..	274.5	265.2	226.4	211.4	186.8	185.5	127.1	105.2
30114	All inner tubes.....do..	112.9	115.3	102.5	101.3	95.1	100.2	120.4	150.0
30115	Tread rubber, tire sundries, and repair materials.....do..	198.3	193.6	190.8	183.5	192.5	180.9	108.0	49.6
30110	Tires and inner tubes, n.s.k.....do..	4.9	-	-	-	-	-	-	-
30210	Rubber footwear:								
	Quantity.....Million pairs..	(S)	197.2	198.1	200.0	169.5	96.6	75.8	79.4
	Value.....Million dollars..	374.6	368.8	365.4	367.7	339.6	213.7	163.7	159.2
30310	Reclaimed rubber.....do..	47.3	53.8	55.5	53.6	55.2	47.6	44.5	36.0
3069-	Fabricated rubber products, n.e.c.....do..	2,927.6	2,860.6	2,631.1	2,478.6	2,355.6	1,759.1	1,610.3	936.1
30691	Rubber belts and belting:								
	Quantity.....Million lbs..	(S)	(NA)	(NA)	(NA)	(S)	102.8	113.4	140.7
	Value.....Million dollars..	250.6	242.8	215.3	200.5	179.0	137.9	126.9	128.8
30692	Rubber hose and tubing.....do..	392.7	400.2	355.1	323.7	297.4	180.7	148.5	122.8
30693	Sponge and foam rubber goods.....do..	276.7	284.5	275.8	253.7	226.4	200.8	178.9	50.6
30694	Rubber floor and wall covering.....do..	70.7	74.5	78.5	89.7	93.2	99.4	92.4	49.2
30695	Mechanical rubber goods, n.e.c.....do..	1,086.5	1,055.5	970.4	878.2	850.7	534.7	556.3	255.8
30696	Rubber heels and soles.....do..	126.1	133.0	128.6	140.3	136.2	134.9	113.1	72.2
30697	Druggist and medical sundries.....do..	84.1	91.2	83.0	83.0	79.2	57.0	46.8	35.1
30698	Other rubber goods, n.e.c.....do..	538.1	536.5	480.9	462.0	451.0	392.3	343.1	215.9
30690	Fabricated rubber products, n.e.c., n.s.k.....do..	102.1	(42.4)	43.5	47.3	42.4	21.6	4.2	5.8
3079-28211	Miscellaneous plastics products.....do..	[2]5,789.0	[2]5,180.7	[2]4,496.2	[2]3,813.9	[2]3,494.6	[2]1,914.5	[2]1,285.6	[2]480.7
30791-28211	Unsupported plastics film, sheets, rods, tubes, and other stock shapes.....do..	1,225.4	1,107.8	908.9	770.5	688.1	(NA)	(NA)	(NA)
30792	Foamed plastics products.....do..	492.8	398.0	353.8	305.4	261.2	54.0	17.7	(NA)
30793	Laminated sheets, rods, and tubes.....do..	352.8	349.0	300.9	264.8	244.1	162.9	102.4	48.3
30794	Packaging and shipping containers, plastics.....do..	774.5	614.8	539.2	488.3	441.8	(NA)	(NA)	(NA)
30795	Industrial plastics products.....do..	1,263.7	1,346.8	1,125.5	890.8	832.8	(NA)	(NA)	(NA)
30796	Construction plastics products.....do..	426.7	361.2	330.0	294.8	283.8	(NA)	(NA)	(NA)
30797	Plastics dinnerware, tableware, and kitchenware.....do..	205.2	162.6	163.8	164.7	147.6	(NA)	(NA)	(NA)
30798	Consumer and commercial plastics products, n.e.c.....do..	651.7	713.0	637.0	511.7	457.1	(NA)	(NA)	(NA)
30790	Miscellaneous plastics products, n.s.k.....do..	396.1	(127.4)	137.2	122.9	138.1	79.4	23.1	17.1

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses for the value of shipments either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, at the individual product level, the estimates may be of limited reliability; however, they may be combined with other product-class totals into broader aggregates which are of acceptable reliability.

[2]Because a major revision in the classification of products assigned to industry 3079, Miscellaneous Plastics Products, was introduced in 1963, prior data, for the most part, are not comparable at the product class level.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3011.--TIRES AND INNER TUBES					
	Materials, containers, and supplies, total	.....	(X)	1,514.8	(X)	1,324.8
	Natural Rubber:					
086113	Latex (dry solids content)	1,000 long tons...	339.5	156.8	1.7	1.2
086115	Dry	...do.....			296.3	169.0
	Synthetic Rubber:					
282203	Butadiene-styrene type	...do.....	[2]749.6	296.6	[3]643.4	272.6
282204	Butyl type	...do.....	61.2	36.0	48.4	28.1
282205	Neoprene	...do.....	6.5	6.0	7.4	6.8
282206	N-type (butadiene-acrytonitrile)	...do.....	[2]3.4	1.3	[3]2.4	1.2
282211	Stereo polybutadiene elastomers (solution-polymerized polybutadiene)	...do.....	154.8	80.2	90.1	51.0
282212	Other stereo elastomers, including solution-polymerized polyisoprene, and ethylene-propylene copolymers and terpolymers	...do.....	34.5	16.2		
282208	Polyurethane	...do.....	0.7	0.5	0.1	0.2
282209	Other elastomers	...do.....	12.2	5.6	1.9	1.4
303101	Reclaimed rubber (excluding "mud" and crumb or ground scrap)	...do.....	[2]156.4	32.1	[3]175.5	36.4
306980	Rubber compounds and mixtures purchased (dry rubber solids content)	...do.....	67.7	30.8	28.5	13.0
281833	Rubber processing chemicals	.....	(X)	67.8	(X)	49.1
281835	Plasticizers	million pounds....	218.7	12.6	202.1	9.1
289501	Carbon black	...do.....	1,155.9	93.3	1,046.5	83.3
281600	Inorganic pigments	...do.....	191.2	19.7	218.3	16.6
282130	Thermoplastic resins including modified resins	...do.....	[2]23.4	3.2	[3]9.0	1.5
282140	Thermosetting resins	...do.....	3.2	0.6	4.4	2.0
	Tire cord and tire fabric:					
229601	Cotton cord	...do.....	2.2	1.6	0.9	0.8
229602	Rayon cord	...do.....	105.4	65.4	179.3	108.4
229603	Nylon cord	...do.....	231.0	228.7	192.0	210.9
229609	Chafer and other tire fabrics	...do.....	59.2	57.7	21.2	20.9
	Other fabrics:					
220311	Cotton	...do.....	10.1	6.4	(D)	(D)
220312	Rayon	...do.....	22.0	13.6	4.9	3.3
220313	Nylon	...do.....	20.8	21.6	3.4	3.2
220319	Other	...do.....	3.1	1.9	7.0	2.3
342956	Hose fittings and couplings	.....	(D)	(D)	(X)	1.8
331017	Steel wire	1,000 short tons..	68.9	27.0	68.4	26.0
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes	.....	(X)	8.6	(X)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	197.1	(X)	191.5
973000	Materials, containers, supplies, n.s.k.[1]	.....	(X)	26.0	(X)	13.4
	INDUSTRY 3021.--RUBBER FOOTWEAR					
	Materials, containers, and supplies, total	.....	(X)	130.7	(X)	113.8
	Natural rubber:					
086113	Latex (dry solids content)	1,000 long tons...	1.0	0.8	0.9	0.7
086115	Dry	...do.....	15.1	7.4	17.1	9.8
	Synthetic rubber:					
282203	Butadiene-styrene type	...do.....	19.1	9.9	11.9	5.8
282204	Butyl type	...do.....	(Z)	(Z)	(Z)	(Z)
282205	Neoprene	...do.....	0.4	0.3	0.2	0.2
282206	N-type (butadiene-acrytonitrile)	...do.....	(D)	(D)	(D)	(D)
282211	Stereo polybutadiene elastomers (solution-polymerized polybutadiene)	...do.....	0.6	0.3	1.1	0.6
282212	Other stereo elastomers, including solution-polymerized polyisoprene, and ethylene-propylene copolymers and terpolymers	...do.....	2.2	1.1		
282209	Other elastomers	...do.....	1.0	0.8	(D)	(D)
303101	Reclaimed rubber (excluding "mud" and crumb or ground scrap)	...do.....	0.8	0.2	[3]1.3	0.2
306980	Rubber compounds and mixtures purchased (dry rubber solids content)	...do.....	5.7	3.6	4.0	4.2
281833	Rubber processing chemicals	.....	(X)	5.0	(X)	4.7
281835	Plasticizers	Million pounds....	4.3	0.5	3.9	0.8
289501	Carbon black	...do.....	1.6	0.2	2.0	0.2
281600	Inorganic pigments	...do.....	29.5	1.4	9.5	0.6
282130	Thermoplastic resins including modified resins	...do.....	20.8	4.1	2.4	0.5

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3021.--RUBBER FOOTWEAR--Continued					
	Materials, containers, and supplies, total--Continued					
	Other fabrics:					
220311	Cotton	Million pounds...	31.0	32.7	27.6	27.0
220312	Rayon	...do...	(D)	(D)	-	-
220313	Nylon	...do...	0.5	0.7	0.5	0.7
220315	Polyester	...do...	(D)	(D)	(X)	(NA)
220319	Other	...do...	1.9	2.7	1.3	2.5
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes	...	(X)	6.1	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies	...	(X)	41.5	(X)	41.4
973000	Materials, containers, supplies, n.s.k.[1]	...	(X)	11.1	(X)	13.9
	INDUSTRY 3031 AND 3069.--RECLAIMED RUBBER, AND FABRICATED RUBBER PRODUCTS, N.E.C.					
	Materials, containers, and supplies, total	...	(X)	[4]1,245.8	(X)	[5]1,025.2
	Natural rubber:					
086113	Latex (dry solids contents)	1,000 long tons..	53.3	29.8	37.9	29.8
086115	Dry	...do...	77.0	38.4	78.2	49.3
	Synthetic rubber:					
282203	Butadiene-styrene type	...do...	[2]264.0	111.7	240.0	116.8
282204	Butyl type	...do...	19.5	11.8	16.7	9.4
282205	Neoprene	...do...	67.8	62.5	53.0	49.2
282206	N-type (butadiene-acrylonitrile)	...do...	27.4	30.7	25.5	25.7
282211	Stereo polybutadiene elastomers (solution polymerized polybutadiene)	...do...	9.2	4.4	6.7	3.9
282212	Other stereo elastomers, including solution polymerized poly-isoprene, and ethylene propylene copolymers and terpolymers	...do...	17.2	10.1		
282208	Polyurethane	...do...	1.6	4.5	0.6	1.3
282209	Other elastomers	...do...	17.0	20.6	11.3	15.4
303101	Reclaimed rubber (excluding "mud" and crumb or ground scrap)	...do...	[2]65.4	10.2	[3]81.5	12.8
306980	Rubber compounds and mixtures purchased	...do...	50.0	32.2	26.6	18.4
281833	Rubber processing chemicals	...	(X)	58.6	(X)	45.9
281835	Plasticizers	Million lbs...	168.7	22.9	159.4	21.4
289501	Carbon black	...do...	312.2	25.1	235.9	18.6
281600	Inorganic pigments	...do...	390.4	22.9	403.7	20.1
282130	Thermoplastic resins including modified resins	...do...	163.5	30.9	139.7	29.7
282140	Thermosetting resins	...do...	14.0	4.2	[3]20.2	7.5
	Tire cord and tire fabric:					
229601	Cotton cord	...do...	2.1	1.1	0.8	0.4
229602	Rayon cord	...do...	3.6	2.4	2.4	1.6
229603	Nylon cord	...do...	4.7	4.8	(D)	(D)
229605	Polyester cord	...do...	0.9	1.1	(NA)	(NA)
229609	Chafer and other tire fabrics	...do...	2.4	1.9	1.1	0.8
	Other fabrics:					
220311	Cotton	...do...	53.7	47.3	65.0	49.0
220312	Rayon	...do...	21.3	13.0	17.5	9.2
220313	Nylon	...do...	21.1	25.2	7.0	11.1
220315	Polyester	...do...	2.3	3.0	(NA)	(NA)
220319	Other	...do...	(S)	18.9	7.3	7.9
342956	Hose fittings and couplings	...	(X)	11.9	(X)	6.8
331017	Steel wire	1,000 short tons.	27.8	13.3	24.4	12.3
260091	Paper and paperboard containers and shipping sacks, including corrugated boxes	...	(X)	26.1	(X)	(NA)
970099	All other materials, and components, parts, containers, and supplies consumed	...	(X)	425.4	(X)	386.5
976000	Materials, containers, supplies, n.s.k.[1]	...	(X)	118.9	(X)	64.3

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3079.--MISCELLANEOUS PLASTICS PRODUCTS					
	Materials, containers, supplies, total	.....	(X)	2,255.4	(X)	1,380.5
282130	Thermoplastic resins including modified resins	Million lbs.	3,824.5	811.5	2,143.5	503.3
282140	Thermosetting resins	...do.	865.2	252.0	485.2	157.8
307911	Unsupported plastics film and sheeting	...do.	182.2	73.2	(NA)	43.3
307912	Plastics rods, tubes, and other shapes	...do.	(S)	28.6	(NA)	24.7
281835	Plasticizers	...do.	142.7	29.0	90.9	17.9
322931	Glass fiber, roving, mats, etc	...do.	56.1	28.4	38.4	19.6
220234	Cotton fabrics	Million lin. yds.	58.7	19.3	37.6	13.9
220239	Other textile fabrics	...do.	(S)	17.7	(NA)	15.9
970099	All other materials, and components, parts, containers, and supplies consumed	.....	(X)	632.7	(X)	382.3
976000	Materials, containers, supplies, n.s.k.[1]	.....	(X)	363.0	(X)	201.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

(Data on materials are not published separately for Industry 3031, Reclaimed Rubber, but are combined with the data for Industry 3069, Fabricated Rubber Products, N.E.C.).

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e] From 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards on the basis of a general consistency review.

[1] This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

[2] Included in these quantity figures are the following percentages which were produced and consumed in the same establishment, and for which no value is shown: Industry 3011--Butadiene-styrene type, less than 1 percent; N-type, between 30 and 60 percent; reclaimed rubber, between 12 and 15 percent; thermoplastic resins, between 5 and 10 percent; industries 3031 and 3069--Butadiene-styrene type, between 3 and 5 percent; reclaimed rubber, between 20 and 30 percent.

[3] Included in these quantity figures are the following percentages which were produced and consumed in the same establishments, and for which no value is shown: Industry 3011--Butadiene-styrene type, less than 1 percent; N-type, between 30 and 60 percent; reclaimed rubber, between 12 and 15 percent; thermoplastic resins, between 10 and 20 percent; Industry 3021--Reclaimed rubber, between 25 and 50 percent; industries 3031 and 3069--Reclaimed rubber, between 20 and 25 percent; thermosetting resins, between 3 and 5 percent.

[4] Includes $17.1 million for industry 3031, and $1,228.7 million for industry 3069.

[5] Includes $17.2 million for industry 3031, and $1,008.1 million for industry 3069.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Tires and inner tubes (SIC 3011)	Fabricated rubber products, n.e.c. (SIC 3069)	Miscellaneous plastics products (SIC 3079)
	Cost of purchased fuels and electric energy, total....	Million dollars..	40.7	44.9	83.4
	Cost of purchased fuels, total.....	...do.....	16.2	18.1	21.8
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons.	1,266.2	522.1	94.3
	Cost.....	Million dollars..	8.1	4.3	1.2
331212	Fuel oil, total:				
	Quantity.....	1,000 barrels....	584.0	1,528.8	1,329.3
	Cost.....	Million dollars..	1.6	4.2	4.4
291141	Distillate:				
	Quantity.....	1,000 barrels....	218.8	395.4	524.1
	Cost.....	Million dollars..	0.6	1.6	2.2
291151	Residual:				
	Quantity.....	1,000 barrels....	365.2	1,133.4	805.2
	Cost.....	Million dollars..	1.0	2.7	2.2
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Million cu.ft....	15,569.8	9,087.4	14,786.9
	Cost.....	Million dollars..	5.4	5.3	9.3
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.1	0.8	0.8
	Fuels.....	...do.....	1.0	3.7	6.2
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs..	2,674.5	2,237.0	7,418.4
	Cost.....	Million dollars..	24.5	26.8	61.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	514.6	63.9	3.8
	Total energy used for heat and power[1].....	Million kw.-hrs. equivalent.....	20,483.8	17,464.8	22,157.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3011	TIRES AND INNER TUBES										
	ENTIRE INDUSTRY	182	92.7	774.5	71.4	136.5	573.8	1 823.0	1 895.2	3 733.9	198.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	166	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30111	PASSENGER CAR AND MOTORCYCLE PNEUMATIC TIRES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	42	73.5	638.1	56.1	107.8	474.9	1 431.9	1 458.4	2 905.5	141.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	19	16.3	133.8	12.8	25.5	102.9	363.6	365.0	739.4	54.0
30112	TRUCK, BUS, AND OFF-HIGHWAY PNEUMATIC TIRES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	9	7.8	58.9	6.5	11.7	46.7	238.8	262.9	501.0	46.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30113	OTHER PNEUMATIC TIRES AND SOLID TIRES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	22	5.9	40.7	4.4	8.1	25.9	69.6	58.9	129.1	5.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	12	1.3	7.3	1.1	2.2	5.5	15.5	14.2	29.5	1.6
30114	ALL INNER TUBES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	6	2.8	18.3	2.4	4.6	14.4	34.0	34.1	68.7	1.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
30115	TREAD RUBBER, TIRE SUNDRIES, REPAIR MATERIALS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	49	2.6	17.3	2.0	4.0	11.2	46.2	78.2	124.5	1.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	43	2.1	14.4	1.7	3.4	9.4	41.3	70.2	111.7	1.0
3021	RUBBER FOOTWEAR										
	ENTIRE INDUSTRY	65	29.1	141.1	25.7	46.5	112.8	244.9	180.1	427.0	9.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	51	23.0	115.6	20.0	36.3	90.8	201.7	137.4	341.3	8.2
3031	RECLAIMED RUBBER										
	ENTIRE INDUSTRY	24	1.7	11.8	1.4	2.5	8.9	23.4	19.6	43.8	1.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	21	1.1	7.5	.9	1.6	5.6	14.8	11.0	26.3	(D)
3069	FABRICATED RUBBER PRODUCTS, NEC										
	ENTIRE INDUSTRY	1 189	141.6	923.0	107.6	215.1	618.3	1 740.5	1 404.3	3 139.4	134.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	1 086	116.0	740.1	88.7	175.7	496.0	1 393.4	1 107.4	2 496.1	107.1
30691	RUBBER BELTS AND BELTING										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	27	18.1	136.6	11.0	20.6	74.1	234.1	174.5	412.4	20.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	14	2.4	16.7	1.9	3.7	12.2	38.9	20.1	58.8	2.8
30692	RUBBER HOSE AND TUBING										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	49	13.6	90.7	10.9	21.7	67.7	188.9	146.5	332.3	16.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	34	7.7	51.5	6.2	12.8	39.0	121.2	95.0	211.9	11.2
30693	SPONGE AND FOAM RUBBER GOODS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	40	11.8	92.0	9.1	20.0	66.5	188.9	172.6	360.4	16.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	29	3.6	24.9	2.8	6.2	18.2	54.1	57.4	112.0	7.0
30694	RUBBER FLOOR AND WALL COVERING										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	18	2.1	13.9	1.6	3.2	9.1	24.7	22.6	47.2	.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	11	.8	5.2	.6	1.2	3.2	9.6	9.4	19.1	.3
30695	MECHANICAL RUBBER GOODS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	366	58.2	361.8	45.7	91.6	249.5	657.2	464.9	1 114.5	43.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	300	47.2	290.8	37.3	74.3	201.4	525.4	376.0	894.9	35.5
30696	RUBBER HEELS AND SOLES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	18	6.0	32.1	5.0	9.7	24.1	52.1	54.6	107.0	4.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	14	4.7	25.4	3.9	7.6	18.8	41.8	45.1	87.7	4.4
30697	DRUGGIST AND MEDICAL SUNDRIES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	26	5.2	30.5	4.2	8.2	21.2	68.7	33.3	101.8	3.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	18	3.2	18.6	2.8	5.5	13.5	42.2	15.4	57.6	1.6
30698	OTHER RUBBER GOODS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	190	21.3	136.6	15.7	31.8	86.2	270.2	288.9	562.5	17.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	138	10.4	60.3	8.0	16.0	38.6	142.8	166.0	310.9	12.1

See footnote at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967–Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3079	MISCELLANEOUS PLASTICS PRODUCTS										
	ENTIRE INDUSTRY	4 996	251.6	1 436.1	204.0	414.9	998.7	2 967.7	2 475.2	5 414.5	332.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	4 696	216.6	1 219.0	176.5	358.8	850.3	2 564.1	2 142.1	4 679.1	275.6
30791	UNSUPPORTED PLASTIC FILM, SHEET,ETC., PURCH.RESIN										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	337	28.9	193.8	21.6	44.9	124.9	457.3	441.2	895.1	63.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	292	20.5	136.5	15.6	33.0	88.7	340.3	328.1	666.0	52.0
30792	FOAMED PLASTICS PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	202	19.9	116.7	16.4	33.5	83.4	232.7	275.6	503.5	36.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	164	12.9	68.4	10.4	21.3	46.0	151.8	196.7	344.9	22.3
30793	LAMINATED SHEETS, RODS, AND TUBES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	88	12.8	83.2	9.3	19.3	52.7	175.5	160.4	337.5	10.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	69	10.7	71.0	7.7	15.9	44.7	152.1	133.3	286.6	7.4
30794	PACKAGING AND SHIPPING CONTAINERS, PLASTICS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	358	37.5	207.9	30.9	63.0	148.8	448.5	314.2	751.8	60.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	307	30.7	172.3	25.4	51.9	123.1	373.1	269.2	633.2	52.0
30795	INDUSTRIAL PLASTICS PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	875	73.7	423.7	60.5	127.9	300.7	750.6	546.8	1 293.2	61.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	684	53.1	303.7	44.3	94.9	220.3	540.2	390.4	927.6	42.4
30796	CONSTRUCTION PLASTICS PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	186	14.2	84.0	10.8	22.1	54.1	212.8	179.4	391.7	24.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	153	11.4	68.2	8.7	17.9	44.3	182.5	149.1	331.5	23.1
30797	PLASTICS DINNERWARE, TABLEWARE, AND KITCHENWARE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	75	7.3	35.0	6.1	12.2	25.7	102.4	81.4	182.7	7.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	56	5.3	24.3	4.5	8.8	18.5	80.4	64.5	143.5	6.2
30798	CONSUMER AND COMMERCIAL PLASTICS PRODUCTS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	443	31.6	163.0	26.1	51.2	114.2	349.3	266.3	611.4	35.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	340	20.6	99.9	17.3	33.6	72.1	221.7	164.0	382.2	21.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

Leather and Leather Products

31A Tanning; industrial leather goods; and shoes

31B Leather gloves; luggage; and miscellaneous leather goods

This major group includes establishments engaged in tanning, currying, and finishing hides and skins; and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included.

TABLE 1. General Statistics: 1967 and Earlier Years

(See Appendix, Explanation of Terms)

Year and item	Establishments		All employees[1]		Production workers			Value added by manufacture[2]	Cost of materials[3]	Value of shipments[3]	Capital expenditures new[4]
	Total (number)	With 20 employees or more (number)	Total (1,000)	Payroll (million dollars)	Total (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1967	3 753	2 004	336.6	1 509.2	293.3	549.2	1 147.0	2 626.5	2 540.9	5 169.0	62.1
1963	4 120	2 114	335.1	1 278.1	292.3	543.1	982.1	2 078.6	2 127.8	4 209.6	34.6
1958	4 617	2 359	358.5	1 192.2	310.1	566.0	912.3	1 898.0	(NA)	3 896.2	31.8
1954	(NA)	(NA)	365.3	1 065.2	321.2	586.9	833.7	1 640.8	(NA)	(NA)	29.0
ADMINISTRATIVE AND AUXILIARY UNITS:											
1967[5]	68	37	2.9	50.4	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1963[5]	73	41	7.6	50.2	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1958[5]	68	32	9.3	46.2	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1954[5]	(NA)	(NA)	8.8	37.9	(x)	(x)	(x)	(x)	(x)	(x)	(x)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1967	3 685	1 967	328.7	1 458.8	293.3	549.2	1 147.0	2 626.5	2 540.9	5 169.0	62.1
1963	4 047	2 073	327.5	1 227.8	292.3	543.1	982.1	2 078.6	2 127.8	4 209.6	34.6
1958	4 549	2 227	349.2	1 146.0	310.1	566.0	912.3	1 898.0	(NA)	3 896.2	31.8
1954	4 845	2 267	356.6	1 027.3	321.2	586.9	833.7	1 640.8	(NA)	(NA)	28.1
OPERATING MANUFACTURING ESTABLISHMENTS:											
1966[6]	(NA)	(NA)	341.1	1 426.0	303.1	574.4	1 125.3	2 480.8	2 590.3	5 032.6	61.5
1965[6]	(NA)	(NA)	335.7	1 348.3	299.2	562.7	1 065.3	2 322.0	2 342.0	4 640.5	46.5
1964[6]	(NA)	(NA)	326.7	1 285.9	291.9	553.4	1 022.1	2 264.7	2 173.3	4 414.4	37.7
1962[6]	(NA)	(NA)	345.6	1 255.5	307.6	569.1	1 000.3	2 101.6	2 193.0	4 307.4	35.7
1961[6]	(NA)	(NA)	350.7	1 224.5	311.7	568.0	969.6	2 040.8	2 136.0	4 186.3	34.7
1960[6]	(NA)	(NA)	357.7	1 227.3	317.3	581.5	971.6	2 043.6	(NA)	(NA)	34.7
1959[6]	(NA)	(NA)	363.3	1 246.2	323.7	601.0	992.6	2 120.7	(NA)	(NA)	34.1
1957[6]	(NA)	(NA)	361.9	1 156.7	322.8	589.5	938.5	1 891.6	(NA)	(NA)	31.7
1956[6]	(NA)	(NA)	366.8	1 149.2	328.8	606.7	938.6	1 881.6	(NA)	(NA)	36.8
1955[6]	(NA)	(NA)	366.2	1 102.2	329.5	613.4	895.6	1 778.1	(NA)	(NA)	37.4
1953[5]	(NA)	(NA)	375.4	1 098.8	338.4	629.5	896.5	1 711.1	(NA)	(NA)	24.7
1952[6]	5 012	(NA)	361.4	1 015.5	324.0	605.4	834.1	1 597.3	(NA)	(NA)	18.7
1951[6]	4 883	(NA)	353.8	944.6	317.6	575.6	768.0	1 475.5	(NA)	(NA)	22.4
1950[6]	4 903	(NA)	385.1	949.3	341.7	629.3	773.4	1 498.8	(NA)	(NA)	25.8
1949[6]	(NA)	(NA)	375.2	891.7	337.5	609.6	721.9	1 386.6	(NA)	(NA)	29.6
1947[6]	5 308	(NA)	383.3	873.7	348.6	677.0	725.3	1 533.0	(NA)	(NA)	31.3
1939	3 505	(NA)	((NA)	(NA)	327.2	(NA)	293.9	582.9	(NA)	(NA)	(NA)
1937	3 249	(NA)	(NA)	(NA)	328.6	(NA)	308.0	583.8	(NA)	(NA)	(NA)
1935	3 506	(NA)	336.1	333.4	310.8	(NA)	279.7	530.1	(NA)	(NA)	(NA)
1933	3 265	(NA)	302.0	254.1	282.0	(NA)	222.5	452.0	(NA)	(NA)	(NA)
1931	3 702	(NA)	(NA)	(NA)	272.8	(NA)	262.1	523.7	(NA)	(NA)	(NA)
1929	4 285	(NA)	351.2	443.8	318.5	(NA)	359.5	774.2	(NA)	(NA)	(NA)
1927	4 372	(NA)	350.4	443.8	316.1	(NA)	364.5	780.8	(NA)	(NA)	(NA)
1925	4 352	(NA)	(NA)	(NA)	314.1	(NA)	355.4	751.0	(NA)	(NA)	(NA)
1923	4 981	(NA)	(NA)	(NA)	345.7	(NA)	389.7	797.3	(NA)	(NA)	(NA)
1921	4 827	(NA)	313.9	385.2	280.4	(NA)	314.7	610.4	(NA)	(NA)	(NA)
1919	6 423	(NA)	394.1	469.3	350.1	(NA)	364.0	898.3	(NA)	(NA)	(NA)
1914	6 798	(NA)	340.7	214.3	308.2	(NA)	169.9	353.3	(NA)	(NA)	(NA)
1909	5 785	(NA)	340.0	191.0	311.3	(NA)	155.8	325.2	(NA)	(NA)	(NA)
1904	5 476	(NA)	284.3	141.0	266.0	(NA)	121.4	246.1	(NA)	(NA)	(NA)
1899	5 785	(NA)	265.2	117.4	249.9	(NA)	102.0	186.9	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1]The figures for 1939 through 1967 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

[2]For the period 1954 to 1967, figures represent adjusted value added by manufacture shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For industries reporting the value of production, the adjustment for the change in finished products inventories was not made. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture. See Introduction, "Value Added by Manufacture."

[3]The cost of materials and value of shipments figures (2-and 3- digit) include unmeasurable but substantial duplication arising from interplant transfers between establishments within the same industry classification. For a more complete explanation, see Introduction.

[4]For 1958 to 1967, includes expenditures for establishments under construction but not in operation.

[5]In addition to data for operating establishments, 1954, 1958, 1963, and 1967, data are shown for manufacturers' central administrative offices and auxiliary units. Similar data are shown for the years 1949-1953 in the annual survey of manufacturers volumes. Data for these establishments are not available for the years 1955 to 1957, 1959 to 1962, or 1964 to 1966 prior to 1949.

[6]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufacturers. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufacturers volume for this period.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
31	LEATHER AND LEATHER PRODUCTS	3 685	1 967	328.7	1 458.8	293.3	549.2	1 147.0	2 626.5	2 540.9	5 169.0	62.1	327.5	2 078.6
	NORTHEAST REGION	2 342	1 260	186.1	839.3	165.3	307.5	652.0	1 398.1	1 402.1	2 797.7	24.4	192.7	1 136.6
	NEW ENGLAND DIVISION	835	525	97.0	446.0	85.6	157.2	342.4	726.8	722.0	1 446.3	13.4	97.7	574.4
	MAINE	128	102	28.0	121.8	25.2	46.5	96.1	197.9	162.9	358.3	3.0	24.7	135.2
	NEW HAMPSHIRE	104	82	19.6	86.0	17.4	31.9	69.3	132.5	119.3	248.8	3.3	20.1	104.3
	VERMONT	7	5	.6	2.7	.6	1.1	2.0	4.1	5.0	9.0	(D)	.7	4.5
	MASSACHUSETTS	537	304	45.2	218.7	39.2	71.7	162.8	360.9	406.1	770.0	6.5	48.4	306.1
	RHODE ISLAND	28	12	1.5	7.3	1.2	2.3	4.6	15.9	14.8	30.6	(D)	1.2	11.0
	CONNECTICUT	31	19	2.2	9.6	2.0	3.7	7.5	15.6	14.0	29.7	.2	2.6	13.3
	MIDDLE ATLANTIC DIVISION	1 507	735	89.1	393.3	79.6	150.3	309.6	671.3	680.1	1 351.4	11.0	95.0	562.2
	NEW YORK	1 110	479	48.2	214.8	42.5	79.4	165.4	378.1	374.3	751.7	5.4	52.0	315.0
	NEW JERSEY	171	98	11.9	58.6	10.5	20.3	44.1	97.8	102.2	200.4	1.8	11.6	79.5
	PENNSYLVANIA	226	158	29.0	119.9	26.6	50.6	100.1	195.4	203.6	399.3	3.7	31.4	167.8
	NORTH CENTRAL REGION	617	377	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	78.2	574.0
	EAST NORTH CENTRAL DIVISION	420	234	44.7	218.4	39.3	74.2	168.7	410.4	397.3	816.0	(D)	47.9	364.7
	OHIO	77	34	8.7	40.4	7.5	13.8	30.4	61.9	54.7	119.9	1.3	9.6	67.1
	INDIANA	27	19	2.8	11.9	2.6	4.8	9.7	24.1	22.7	46.8	.6	3.0	20.9
	ILLINOIS	148	78	14.0	64.8	12.8	24.1	52.9	132.6	113.4	247.1	(D)	16.2	117.2
	MICHIGAN	39	17	3.6	19.1	3.2	6.0	16.3	47.9	41.8	89.0	1.3	(D)	(D)
	WISCONSIN	129	86	15.6	82.2	13.2	25.5	59.4	143.9	164.7	313.2	5.3	(D)	(D)
	WEST NORTH CENTRAL DIVISION	197	143	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	30.3	209.4
	MINNESOTA	17	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IOWA	15	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	3.2
	MISSOURI	151	120	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	27.9	190.5
	KANSAS	8	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.7
	SOUTH REGION	426	246	57.7	225.0	52.9	101.0	188.5	455.7	444.1	899.3	12.2	47.2	297.2
	SOUTH ATLANTIC DIVISION	178	107	22.0	87.2	20.0	38.3	71.9	157.9	171.2	326.9	5.0	16.7	96.4
	DELAWARE	9	9	2.4	11.1	1.9	3.7	8.6	18.8	25.0	43.2	1.2	1.7	13.5
	MARYLAND	21	15	2.9	11.6	2.6	4.8	9.1	24.2	20.3	43.9	.9	(D)	(D)
	VIRGINIA	21	18	5.0	18.4	4.8	9.3	16.9	28.1	34.1	62.0	.5	4.3	19.7
	WEST VIRGINIA	8	6	1.2	4.8	1.1	2.2	4.3	10.0	15.3	25.6	(D)	.8	4.8
	NORTH CAROLINA	32	13	3.3	14.3	2.9	5.6	10.8	27.6	34.0	60.6	.5	1.6	11.0
	GEORGIA	28	21	4.6	16.8	4.3	8.3	14.3	32.2	29.7	62.3	1.1	4.0	25.1
	FLORIDA	51	23	2.6	9.7	2.3	4.4	7.7	16.1	11.8	27.5	.4	1.8	9.7
	EAST SOUTH CENTRAL DIVISION	121	86	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	20.8	147.5
	KENTUCKY	20	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	84	63	16.9	67.4	15.6	30.0	56.7	142.5	146.6	291.8	3.1	15.2	108.0
	ALABAMA	7	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSISSIPPI	10	6	2.6	9.6	2.4	4.6	8.1	25.7	20.5	46.0	(D)	2.2	16.3
	WEST SOUTH CENTRAL DIVISION	127	53	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9.7	53.3
	ARKANSAS	23	21	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA	11	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	1.9
	TEXAS	88	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	300	84	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9.4	70.3
	MOUNTAIN DIVISION	46	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.0	26.1
	COLORADO	23	7	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	254	72	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.4	44.2
	WASHINGTON	18	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	1.8
	OREGON	28	2	.2	.9	.2	.3	.7	1.7	1.7	3.4	(D)	.3	2.2
	CALIFORNIA	197	65	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.7	39.4
311	LEATHER TANNING AND FINISHING	519	258	30.7	186.4	26.4	52.8	142.5	319.4	547.0	870.1	16.7	31.4	273.1
	NORTHEAST REGION	359	161	16.4	98.0	13.9	27.5	73.5	167.4	289.7	459.6	5.5	18.2	151.8
	NEW ENGLAND DIVISION	183	93	9.7	57.6	8.1	16.0	42.5	95.2	173.2	270.0	3.5	10.0	81.8
	MAINE	16	14	2.1	11.9	1.9	3.8	9.4	20.8	22.3	42.9	.6	(D)	(D)
	NEW HAMPSHIRE	18	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	8.7
	VERMONT	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	146	62	5.9	37.0	4.9	9.4	26.1	60.8	134.6	197.9	2.0	6.0	55.1
	MIDDLE ATLANTIC DIVISION	176	68	6.7	40.4	5.8	11.5	31.0	72.2	116.6	189.6	2.1	8.2	70.0
	NEW YORK	108	30	2.5	14.9	2.2	4.3	11.8	25.6	45.8	73.2	.7	3.2	28.3
	NEW JERSEY	48	25	2.3	14.6	1.9	3.9	10.3	27.7	38.0	66.4	.9	2.2	22.2
	PENNSYLVANIA	20	13	1.9	10.9	1.7	3.2	8.9	18.9	32.7	50.1	.5	2.7	19.6
	NORTH CENTRAL REGION	87	58	9.0	61.1	7.8	15.9	47.1	102.3	157.4	260.6	7.7	8.3	84.8
	EAST NORTH CENTRAL DIVISION	74	51	8.2	56.0	7.1	14.6	43.2	93.4	144.1	238.3	5.0	7.7	78.6
	OHIO	12	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIANA	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	19	12	1.7	12.3	1.6	3.4	10.1	23.9	29.9	53.1	1.1	2.0	19.6
	MICHIGAN	10	5	1.1	7.2	1.0	1.9	6.0	15.3	22.0	36.7	(D)	.9	9.4
	WISCONSIN	30	24	4.4	31.4	3.7	7.7	23.0	51.4	77.4	129.5	3.1	4.0	44.4
	WEST NORTH CENTRAL DIVISION	13	7	.8	5.2	.6	1.3	3.9	9.0	13.3	22.3	2.7	.6	6.2
	MINNESOTA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	6	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
311	LEATHER TANNING AND FINISHING--CON.													
	SOUTH REGION	47	30	4.6	22.2	4.0	8.1	17.9	40.6	87.5	128.8	2.8	4.3	31.4
	SOUTH ATLANTIC DIVISION	26	18	3.0	14.7	2.7	5.2	12.1	24.6	44.9	69.9	1.6	(D)	(D)
	DELAWARE	6	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	8.4
	MARYLAND	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	12	10	1.4	6.7	1.2	2.6	5.3	14.7	41.9	56.9	1.2	(D)	(D)
	KENTUCKY	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	9	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	10.1
	WEST SOUTH CENTRAL DIVISION	9	2	.2	.8	.1	.3	.5	1.3	.7	1.9	(Z)	(D)	(D)
	TEXAS	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	26	9	.8	5.1	.7	1.3	4.0	9.1	12.4	21.1	.6	.6	5.1
	PACIFIC DIVISION	22	9	.7	5.1	.6	1.3	4.0	9.0	12.3	20.9	.6	.6	5.1
	CALIFORNIA	15	8	.7	4.7	.6	1.2	3.7	8.4	11.5	19.5	(D)	.6	4.4
312	INDUSTRIAL LEATHER BELTING	67	24	2.7	15.9	2.0	4.0	10.4	31.5	21.5	53.8	1.1	2.9	32.9
	NORTHEAST REGION	24	9	.7	4.1	.5	1.0	2.5	7.6	7.1	14.8	.2	.8	7.9
	NEW ENGLAND DIVISION	11	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW HAMPSHIRE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	13	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW JERSEY	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CENTRAL REGION	14	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST NORTH CENTRAL DIVISION	12	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	16.6
	OHIO	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WISCONSIN	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	23	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH ATLANTIC DIVISION	22	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
313	FOOTWEAR CUT STOCK	379	189	13.7	59.9	12.2	22.7	45.8	109.2	153.5	262.8	2.7	14.3	90.6
	NORTHEAST REGION	293	146	9.7	43.2	8.4	15.6	31.9	77.4	105.1	182.5	1.9	10.1	63.3
	NEW ENGLAND DIVISION	210	114	7.7	35.0	6.7	12.3	25.4	61.9	80.3	142.1	1.7	7.9	50.9
	MAINE	23	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3	7.1
	NEW HAMPSHIRE	21	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	5.6
	MASSACHUSETTS	157	85	5.4	25.2	4.6	8.6	18.3	46.4	62.7	109.1	.9	5.4	36.5
	RHODE ISLAND	6	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.1
	MIDDLE ATLANTIC DIVISION	83	32	2.0	8.2	1.8	3.3	6.5	15.5	24.9	40.3	.1	2.2	12.4
	NEW YORK	62	21	1.3	5.6	1.2	2.2	4.4	11.2	16.9	28.1	.1	1.4	8.5
	PENNSYLVANIA	18	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CENTRAL REGION	63	32	3.0	12.5	2.8	5.3	10.3	23.4	37.5	61.0	.6	3.4	22.1
	EAST NORTH CENTRAL DIVISION	25	9	.8	3.4	.7	1.5	2.9	5.6	8.4	14.0	(D)	.9	5.2
	OHIO	6	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	1.7
	ILLINOIS	8	4	.3	1.3	.3	.6	1.1	2.2	3.2	5.5	(D)	.3	1.8
	WISCONSIN	7	2	.2	1.0	.2	.4	.8	1.6	2.5	4.1	(D)	.2	1.3
	WEST NORTH CENTRAL DIVISION	38	23	2.3	9.1	2.1	3.8	7.4	17.8	29.1	47.0	(D)	2.5	17.0
	MISSOURI	37	23	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	15	8	.9	3.4	.8	1.5	2.9	6.6	10.2	17.0	.2	.7	4.2
	SOUTH ATLANTIC DIVISION	6	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	.8
	EAST SOUTH CENTRAL DIVISION	7	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	3.3
	TENNESSEE	5	5	.6	2.4	.6	1.1	2.2	5.1	6.8	11.9	(D)	(D)	(D)
	WEST REGION	8	3	.2	.8	.2	.3	.7	1.7	.7	2.4	.1	.2	.9
	PACIFIC DIVISION	8	3	.2	.8	.2	.3	.7	1.7	.7	2.4	.1	.2	.9
	CALIFORNIA	7	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.9

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
314	FOOTWEAR, EXCEPT RUBBER	1 083	834	211.1	888.5	191.1	354.3	720.8	1 619.9	1 328.5	2 951.5	26.4	212.8	1 279.3
	NORTHEAST REGION	646	493	115.7	504.1	104.0	191.6	401.8	813.2	691.5	1 499.8	11.9	119.0	647.7
	NEW ENGLAND DIVISION	314	265	73.3	323.7	65.6	119.6	255.1	513.9	422.6	931.7	6.9	73.7	400.8
	MAINE	84	73	24.4	104.3	22.2	40.5	82.6	168.3	132.6	298.7	2.1	21.3	113.1
	NEW HAMPSHIRE	63	56	17.1	73.7	15.3	27.9	59.8	112.2	96.3	205.9	2.0	17.0	86.2
	MASSACHUSETTS	151	123	30.0	138.3	26.6	48.2	106.7	221.1	183.3	404.4	2.6	33.4	191.6
	CONNECTICUT	12	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	332	228	42.3	180.4	38.4	72.0	146.7	299.4	268.9	568.1	5.0	45.3	246.9
	NEW YORK	184	110	16.6	75.3	14.7	27.3	58.7	133.0	113.1	243.9	1.8	18.3	107.9
	NEW JERSEY	22	18	2.3	11.3	2.1	3.8	8.6	16.1	14.2	30.2	.3	2.1	11.9
	PENNSYLVANIA	126	100	23.4	93.8	21.6	40.9	79.4	150.3	141.7	294.1	2.9	24.9	127.1
	NORTH CENTRAL REGION	202	177	49.5	207.1	44.5	81.9	168.9	444.1	344.2	796.1	7.6	55.2	391.2
	EAST NORTH CENTRAL DIVISION	117	99	27.7	123.2	24.6	45.3	97.2	250.0	192.3	449.2	5.2	31.5	226.5
	OHIO	22	16	6.4	28.7	5.5	10.0	21.1	45.4	36.8	83.8	.6	7.4	46.0
	INDIANA	8	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	30	26	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MICHIGAN	7	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WISCONSIN	50	44	8.7	39.4	7.4	13.9	29.0	72.4	69.3	145.9	1.8	8.8	60.1
	WEST NORTH CENTRAL DIVISION	85	78	21.8	83.9	20.0	36.6	71.7	194.0	151.9	346.9	2.5	23.6	164.6
	MINNESOTA	6	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IOWA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	72	68	20.4	76.9	18.7	34.3	66.9	179.4	141.8	322.2	[illegible]	(D)	(D)
	SOUTH REGION	167	138	43.2	164.7	40.1	76.4	140.9	342.1	275.9	618.5	6.6	(D)	(D)
	SOUTH ATLANTIC DIVISION	63	53	13.7	52.3	12.7	24.6	43.9	96.1	85.7	180.4	2.1	(D)	(D)
	MARYLAND	11	10	1.9	7.6	1.7	3.3	6.1	17.4	10.7	27.7	.8	1.8	7.9
	VIRGINIA	10	10	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	7	7	2.8	11.7	2.4	4.8	9.0	22.7	25.0	46.7	.4	1.2	8.5
	GEORGIA	12	12	3.6	12.7	3.3	6.5	10.9	24.8	22.1	47.4	(D)	3.0	19.2
	FLORIDA	21	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	6.1
	EAST SOUTH CENTRAL DIVISION	58	52	19.7	77.0	18.4	35.2	66.6	177.8	137.6	318.1	3.4	(D)	(D)
	KENTUCKY	9	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.3	15.5
	TENNESSEE	39	36	13.4	52.8	12.4	23.8	45.1	112.4	91.5	206.6	1.7	12.5	88.0
	ALABAMA	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSISSIPPI	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	46	33	9.8	35.4	9.0	16.5	30.4	68.2	52.5	120.1	1.1	(D)	(D)
	ARKANSAS	21	20	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	25	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	68	26	2.7	12.6	2.4	4.4	9.2	20.4	16.9	37.1	.2	(D)	(D)
	PACIFIC DIVISION	61	23	2.6	12.1	2.3	4.2	8.8	19.5	16.2	35.5	.2	(D)	(D)
	CALIFORNIA	44	19	2.4	11.2	2.1	3.9	8.1	18.1	15.0	32.9	.2	2.5	15.8
315	LEATHER GLOVES AND MITTENS	147	71	6.3	22.4	5.6	9.9	17.9	36.3	49.3	86.7	.8	7.7	32.2
	NORTHEAST REGION	72	29	3.0	11.0	2.6	4.5	8.4	18.0	28.7	47.0	.1	4.1	16.3
	MIDDLE ATLANTIC DIVISION	70	27	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW YORK	68	26	2.9	10.3	2.5	4.3	7.9	17.4	27.2	44.9	(D)	3.9	15.5
	NORTH CENTRAL REGION	44	29	2.4	8.5	2.1	3.9	6.8	12.4	15.7	28.8	(D)	(D)	(D)
	EAST NORTH CENTRAL DIVISION	35	22	1.9	6.7	1.7	3.0	5.5	9.9	11.9	22.5	.1	2.2	8.9
	INDIANA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	7	6	.6	1.9	.5	.9	1.7	2.7	3.7	7.3	(Z)	.6	1.9
	MICHIGAN	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WISCONSIN	19	9	.8	2.8	.7	1.3	2.2	3.7	5.3	9.0	.1	1.2	4.6
	WEST NORTH CENTRAL DIVISION	9	7	.5	1.8	.4	.8	1.4	2.5	3.8	6.3	(D)	.5	2.6
	IOWA	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	1.8
	MISSOURI	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	10	8	.6	2.0	.6	1.1	1.8	4.0	3.4	7.3	(D)	.5	2.3
	EAST SOUTH CENTRAL DIVISION	5	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARKANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	21	5	.3	.9	.2	.4	.8	2.0	1.6	3.6	(Z)	.4	2.1
	PACIFIC DIVISION	19	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	9	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	.9

[1] See footnotes at the end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
316	LUGGAGE	333	156	21.4	96.6	18.4	34.2	69.4	186.0	155.2	334.2	8.8	16.4	112.8
	NORTHEAST REGION	183	93	9.4	41.3	8.0	14.5	29.0	81.7	73.9	154.8	1.0	8.1	52.5
	NEW ENGLAND DIVISION	26	11	1.7	8.1	1.4	2.5	5.1	18.7	15.8	34.5	.2	1.4	11.9
	NEW HAMPSHIRE	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS[e]	17	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	2.3
	RHODE ISLAND	5	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	157	82	7.6	33.2	6.6	12.0	23.9	63.0	58.0	120.3	.8	6.7	40.6
	NEW YORK	109	56	5.2	22.0	4.5	8.0	15.8	43.7	37.2	80.2	(D)	3.9	24.2
	NEW JERSEY	27	15	1.7	7.9	1.5	2.9	6.0	13.1	13.5	26.5	(D)	1.9	11.3
	PENNSYLVANIA	21	11	.8	3.4	.6	1.1	2.1	6.2	7.4	13.6	.1	.9	5.3
	NORTH CENTRAL REGION	82	33	3.4	14.4	3.1	6.0	11.2	21.0	22.0	43.1	(D)	2.7	15.4
	EAST NORTH CENTRAL DIVISION	71	25	2.3	10.0	2.0	3.9	7.5	13.8	15.4	29.3	(D)	1.9	10.5
	OHIO	9	2	.2	.9	.2	.3	.6	1.6	1.1	2.7	(Z)	.2	1.1
	INDIANA	7	7	.4	1.8	.3	.6	1.3	2.1	2.7	4.9	(D)	.3	1.2
	ILLINOIS[e]	38	12	1.4	5.7	1.2	2.3	4.4	7.6	10.0	17.7	(D)	1.1	6.4
	WISCONSIN[e]	12	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.2
	WEST NORTH CENTRAL DIVISION	11	8	1.1	4.4	1.0	2.1	3.7	7.2	6.6	13.8	(D)	.9	4.9
	MISSOURI	8	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	4.2
	SOUTH REGION	30	18	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.3	16.3
	SOUTH ATLANTIC DIVISION	14	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	10.6
	DELAWARE	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	7	4	.9	3.7	.8	1.5	2.3	8.2	9.4	17.1	.3	.6	4.0
	TENNESSEE	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSISSIPPI	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	9	5	.4	1.8	.4	.8	1.4	3.1	2.3	5.4	.1	.3	1.7
	TEXAS	8	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	38	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.3	28.8
	MOUNTAIN DIVISION	5	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	5	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	33	10	.8	4.2	.7	1.4	3.1	7.6	5.9	13.4	(D)	(D)	(D)
	WASHINGTON	5	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	28	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
317	HANDBAGS, PERSONAL LEATHER GOODS	792	352	36.8	162.7	32.4	61.4	121.2	278.7	235.1	513.5	4.2	37.0	224.9
	NORTHEAST REGION	614	293	29.1	127.3	25.9	49.1	97.6	215.0	188.2	403.8	3.1	30.4	184.0
	NEW ENGLAND DIVISION[e]	60	30	3.8	18.0	3.1	5.7	11.8	30.8	23.9	55.3	.7	3.8	23.2
	VERMONT	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS[e]	37	19	2.8	14.2	2.3	4.1	9.0	24.4	18.1	43.1	.6	2.6	17.6
	RHODE ISLAND[e]	11	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	9	4	.4	1.6	.4	.6	1.2	2.8	2.0	4.8	(Z)	.5	2.3
	MIDDLE ATLANTIC DIVISION	554	263	25.3	109.3	22.7	43.5	85.8	184.2	164.4	348.5	2.5	26.5	160.8
	NEW YORK	471	209	18.1	78.7	16.1	30.6	61.2	133.5	121.0	254.7	1.9	19.9	121.8
	NEW JERSEY	60	36	5.3	23.3	4.8	9.3	18.2	38.3	33.4	71.4	.5	4.9	30.4
	PENNSYLVANIA	23	18	2.0	7.3	1.8	3.6	6.3	12.4	10.0	22.4	.1	1.7	8.6
	NORTH CENTRAL REGION	64	26	4.5	21.8	3.7	6.8	13.6	39.5	29.2	68.0	(D)	3.9	27.1
	EAST NORTH CENTRAL DIVISION	43	12	1.9	8.9	1.5	2.8	5.5	17.4	13.7	30.6	(D)	1.9	14.2
	OHIO	8	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	23	8	.7	3.1	.6	1.2	2.3	6.0	5.0	10.7	(D)	(D)	(D)
	WISCONSIN	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST NORTH CENTRAL DIVISION	21	14	2.6	12.9	2.2	4.0	8.1	22.1	15.5	37.3	(D)	1.9	12.8
	MINNESOTA[e]	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	16	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	56	19	2.0	7.4	1.8	3.5	5.7	14.1	11.1	25.0	.4	1.7	7.4
	SOUTH ATLANTIC DIVISION	24	10	1.1	3.9	1.0	1.8	3.0	6.9	5.4	12.4	.1	1.0	3.8
	GEORGIA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	FLORIDA	16	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	13	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.6
	TENNESSEE	8	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.6
	WEST SOUTH CENTRAL DIVISION	19	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	3.0
	OKLAHOMA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	16	5	.3	1.3	.3	.5	.8	2.7	2.5	5.1	(D)	.2	1.2
	WEST REGION	58	14	1.2	6.2	1.0	1.9	4.3	10.1	6.6	16.7	(D)	1.1	6.5
	PACIFIC DIVISION	53	14	1.2	6.1	1.0	1.9	4.3	10.0	6.6	16.6	(D)	(D)	(D)
	CALIFORNIA	46	14	1.2	6.0	1.0	1.9	4.3	9.8	6.4	16.1	(D)	1.0	6.1

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
319	LEATHER GOODS, NEC	365	83	6.1	26.4	5.3	10.0	19.0	45.5	50.8	96.5	1.4	5.0	32.7
	NORTHEAST REGION	151	36	2.2	10.4	1.9	3.6	7.2	17.8	17.9	35.5	.6	2.0	13.3
	NEW ENGLAND DIVISION	29	6	.4	1.5	.3	.5	.9	2.9	2.7	5.6	(D)	.5	3.3
	MASSACHUSETTS	23	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	2.2
	MIDDLE ATLANTIC DIVISION	122	30	1.8	6.9	1.6	3.1	6.3	14.9	15.2	29.9	29.9	1.5	10.0
	NEW YORK	98	25	1.5	7.6	1.3	2.6	5.4	12.7	12.4	25.0	25.0	1.2	8.3
	PENNSYLVANIA	14	4	.2	1.0	.2	.4	.7	1.7	2.3	3.9	.1	.2	1.4
	NORTH CENTRAL REGION	61	16	1.1	5.0	1.0	1.8	3.4	8.4	8.1	16.4	.2	.8	5.1
	EAST NORTH CENTRAL DIVISION	43	11	.8	3.7	.7	1.3	2.4	6.0	6.0	12.0	(D)	.6	4.2
	ILLINOIS	20	9	.6	2.9	.6	1.0	1.9	4.7	4.8	9.5	(D)	.6	3.0
	WEST NORTH CENTRAL DIVISION	18	5	.3	1.4	.3	.5	.9	2.4	2.1	4.4	(D)	.2	.9
	SOUTH REGION	78	18	2.1	7.7	1.9	3.5	6.1	13.1	18.9	32.4	.3	1.7	10.5
	SOUTH ATLANTIC DIVISION	22	7	1.0	3.5	.9	1.6	2.9	5.3	7.7	13.2	.1	.7	3.7
	MARYLAND	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	7	3	.3	1.4	.3	.6	1.1	2.0	2.0	3.9	(Z)	.4	2.1
	EAST SOUTH CENTRAL DIVISION	18	7	.8	3.0	.7	1.3	2.3	5.2	7.8	13.2	(D)	.5	3.9
	TENNESSEE	14	6	.7	2.6	.6	1.1	2.0	4.9	6.6	11.7	(D)	.4	3.3
	WEST SOUTH CENTRAL DIVISION	38	4	.3	1.2	.3	.5	.9	2.5	3.4	6.1	(D)	.4	2.9
	TEXAS	29	4	.2	1.0	.2	.4	.8	2.1	2.9	5.1	(Z)	.4	2.4
	WEST REGION	75	13	.7	3.3	.6	1.1	2.3	6.2	5.9	12.2	.3	.6	3.9
	MOUNTAIN DIVISION	23	7	.3	1.3	.2	.4	.8	2.6	2.2	4.9	(D)	(D)	(D)
	COLORADO	12	5	.2	.9	.1	.2	.6	1.9	1.7	3.6	(Z)	.2	1.3
	PACIFIC DIVISION[e]	52	6	.4	2.1	.4	.7	1.4	3.6	3.7	7.3	(D)	(D)	(D)
	CALIFORNIA	42	6	.4	1.9	.4	.7	1.3	3.2	3.4	6.6	(D)	.3	2.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: - Represents zero. X Not applicable. NA Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TABLE 3. Detailed Statistics: 1967

Item	Leather and leather products (SIC 31)	Leather tanning and finishing (SIC 311)	Industrial leather belting (SIC 312)	Footwear cut stock (SIC 313)	Footwear, except rubber (SIC 314)	Leather gloves and mittens (SIC 315)	Luggage (SIC 316)	Handbags and personal leather goods (SIC 317)	Leather goods, n.e.c. (SIC 319)
ESTABLISHMENTS, TOTAL . . . . . NUMBER	3 685	519	67	379	1 083	147	333	792	365
WITH 1 TO 19 EMPLOYEES . . . . . DO	1 718	261	43	190	249	76	177	440	282
WITH 20 TO 99 EMPLOYEES . . . . . DO	1 034	171	19	151	217	52	104	244	76
WITH 100 EMPLOYEES OR MORE . . . . . DO	933	87	5	38	617	19	52	108	7
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	328.7	30.7	2.7	13.7	211.1	6.3	21.4	36.8	6.1
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	1 458.8	186.4	15.9	59.9	888.5	22.4	96.6	162.7	26.4
PRODUCTION WORKERS:									
AVERAGE FOR YEAR 1,000	293.3	26.4	2.0	12.2	191.1	5.6	18.4	32.4	5.3
MARCH . . . . . DO	291.4	26.3	2.2	11.9	191.1	5.6	17.7	31.5	5.1
MAY . . . . . DO	287.6	26.2	2.1	11.9	188.7	5.5	18.2	29.7	5.3
AUGUST . . . . . DO	296.9	26.4	1.9	12.2	192.9	5.8	19.0	33.3	5.4
NOVEMBER . . . . . DO	297.5	26.5	1.9	12.6	191.6	5.7	18.6	35.2	5.4
MAN-HOURS . . . . . MILLIONS	549.2	52.8	4.0	22.7	354.3	9.9	34.2	61.4	10.0
JANUARY-MARCH . . . . . DO	138.1	13.2	1.1	5.7	89.9	2.4	8.2	15.2	2.4
APRIL-JUNE . . . . . DO	133.7	13.4	1.0	5.5	86.2	2.5	8.5	14.2	2.5
JULY-SEPTEMBER . . . . . DO	135.3	12.8	.9	5.5	87.0	2.5	8.8	15.3	2.5
OCTOBER-DECEMBER . . . . . DO	142.2	13.5	1.0	6.0	91.1	2.6	8.7	16.8	2.6
WAGES . . . . . MILLION DOLLARS	1 147.0	142.5	10.4	45.8	720.8	17.9	69.4	121.2	19.0
COST OF MATERIALS, ETC., TOTAL[1] . . . . . DO	2 540.9	547.0	21.5	153.5	1 328.5	49.3	155.2	235.1	50.8
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . DO	2 247.5	460.3	17.6	144.6	1 194.0	33.9	143.9	209.5	43.7
COST OF RESALES . . . . . DO	137.1	8.1	3.4	5.2	83.4	11.9	7.6	11.3	6.2
FUELS CONSUMED . . . . . DO	13.5	8.0	.2	.6	3.6	.1	.5	.5	.1
PURCHASED ELECTRIC ENERGY . . . . . DO	20.6	5.5	.3	1.1	10.6	.2	1.1	1.5	.3
CONTRACT WORK . . . . . DO	122.2	65.2	.1	2.0	36.9	3.3	2.0	12.4	.5
VALUE OF SHIPMENTS, INCLUDING RESALES[1] . . . . . DO	5 169.0	870.1	53.8	262.8	2 951.5	86.7	334.2	513.5	96.5
VALUE OF RESALES . . . . . DO	171.6	8.8	4.7	8.8	99.2	16.1	10.0	15.7	8.3
VALUE ADDED BY MANUFACTURE . . . . . DO	2 626.5	319.4	31.5	109.2	1 619.9	36.3	186.0	278.7	45.5
MANUFACTURERS' INVENTORIES:									
BEGINNING OF YEAR, TOTAL . . . . . DO	667.4	147.8	9.1	25.3	368.4	15.3	37.8	51.5	12.2
FINISHED PRODUCTS . . . . . DO	258.1	40.0	3.7	10.0	150.0	7.9	17.2	23.3	6.0
WORK IN PROCESS . . . . . DO	156.7	62.8	2.4	3.6	69.3	2.8	5.2	8.6	1.9
MATERIALS, SUPPLIES, FUEL, ETC. . . . . DO	252.5	44.9	3.0	11.6	149.1	4.6	15.4	19.6	4.3
END OF YEAR, TOTAL . . . . . DO	653.7	135.8	7.6	25.1	361.2	14.2	45.3	52.2	12.4
FINISHED PRODUCTS . . . . . DO	258.1	40.2	3.6	10.2	144.7	6.5	23.5	23.4	6.0
WORK IN PROCESS . . . . . DO	155.3	59.0	1.7	3.2	71.7	3.2	5.8	8.9	1.7
MATERIALS, SUPPLIES, FUEL, ETC. . . . . DO	240.5	36.6	2.3	11.6	144.9	4.5	16.0	19.9	4.7
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . DO	71.9	17.7	1.1	3.1	29.9	.9	12.7	4.9	1.6
NEW PLANT AND EQUIPMENT, TOTAL . . . . . DO	62.1	16.7	1.1	2.7	26.5	.8	8.8	4.1	1.4
NEW STRUCTURES AND ADDITIONS TO PLANT . . . DO	19.8	5.2	.4	.8	7.0	.5	4.9	.7	.4
NEW MACHINERY AND EQUIPMENT . . . . . DO	42.3	11.6	.8	1.9	19.5	.3	4.0	3.4	1.0
USED PLANT AND EQUIPMENT . . . . . DO	9.8	.9	(Z)	.3	3.4	.1	3.9	.8	.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TANNING; INDUSTRIAL LEATHER GOODS; AND SHOES

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3111--Leather Tanning and Finishing
3121--Industrial Leather Belting and Packing
3131--Boot and Shoe Cut Stock and Findings
3141--Footwear, Except House Slippers and Rubber Footwear
3142--House Slippers

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3111--LEATHER TANNING AND FINISHING

This industry comprises establishments primarily engaged in tanning, currying, and finishing hides and skins into leather. This industry also includes leather converters, who buy hides and skins and have them processed into leather on a contract basis by others. For a detailed list of products of industry 3111, refer to table 6A, product codes 3111111 to 3111911.

Patterns of Operation.--The leather tanning and finishing industry is characterized by three major types of establishment operations: (1) "regular tanneries," (2) leather "converters," and (3) "contract tanneries." The regular tannery purchases raw materials, employs production workers in the plant to tan, curry, and finish the hides and skins, and sells the finished product; in effect, this establishment type performs all of the usual manufacturing functions within one establishment.

The leather converter, on the other hand, typically performs only the entrepreneurial functions of the manufacturing concern, such as buying raw materials, arranging with outside factories (contract tanneries) for the production of the finished leathers, and marketing the finished product. The actual tanning and finishing of the hides and skins is done on contract by the contract tanneries. The contract tanner employs production workers in his own establishment to process materials owned by converters, makes products to specification, and does not become involved in the sale of the finished product.

Methods of Reporting on Census Questionnaires.--Typically, the regular tannery reports figures on employment (including production workers), cost of hides, skins, and other raw materials, and the value of shipments of products made by him from his own materials. The leather converter will show, in addition to his cost of raw materials, a cost for contract work, and the shipments of products made for him from his own materials. The typical leather converter's questionnaire shows few, if any, production workers but labor costs are indirectly reflected in his report on cost of contract work. The con-

tract tanner, on the other hand, reports figures on employment (primarily production workers). Instead of showing the shipments of the leathers which he processed (which would duplicate the data reported by his principals), the contractor reports his receipts for the contract work done for leather converters on their materials. His materials costs and contract receipts do not include any costs for materials which he has processed but did not own.

Classification of Establishments.--Since these diffent methods of operation lead to significant differences in the various relationships between wages and salaries paid, cost of materials, value of shipments, and value added by manufacture, plants were classified by their primary method of operation, as regular tanneries, converters, or contract tanneries. Separate statistics for each group are shown in tables 3 and 4.

It should be noted, however, that some establishments in industry 3111 employ more than one method of operating. For example, some establishments act as both a regular tannery and a leather converter, or as a regular and a contract tannery. In assigning the primary method of operation for manufacturer-converter plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If direct wage and salary payments were less than payments for contract work, the plant was classified as a converter. For plants operating as both regular and contract tanneries, the relationship between the value of shipments of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

The code number as well as the definition of this industry was unchanged between 1963 and 1967.

Value of shipments and other receipts of the Leather Tanning and Finishing Industry in 1967 totaled $870.1 million. This included shipments of tanned and finished leather (primary products), valued at $838.9 million, shipments of other products (secondary products) valued at $14.2 million, and miscellaneous receipts (mainly contract work on materials owned by others) of $17.0 million.

This industry's shipments of tanned and finished leather (primary products) in 1967 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 99 percent. Secondary products shipped by this industry in 1967 consisted mainly of footwear cut stock ($12.2 million).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 64 percent of the total industry shipments are represented by plants specializing in product class 31111, Finished Cattle Hide and Kip Side Leathers.

Industry 3111 shipments of tanned and finished leather (primary products) in 1967 represented 99 percent (coverage ratio) of these products valued at $846.2 million shipped by all industries. In 1963, the coverage ratio was 100 percent.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3111, these establishments accounted for 1.1 percent of payroll and 1.5 percent of value added by manufacture.

3121--INDUSTRIAL LEATHER BELTING AND PACKING

This industry comprises establishments primarily engaged in manufacturing industrial leather products, such as transmission belting, mechanical packings, and textile leathers. Establishments primarily engaged in manufacturing leather gaskets are classified in industry 3293. For a detailed list of products of industry 3121, refer to table 6A, product codes 3121013 to 3121098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Industrial Leather Belting Industry in 1967 totaled $53.8 million. This included shipments of industrial leather belting and packing (primary products), valued at $40.3 million, shipments of other products (secondary products) valued at $7.2 million, and miscellaneous receipts of $6.3 million.

This industry's shipments of industrial leather belting and packing (primary products) in 1967 represented 85 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 89 percent. Secondary products shipped by this industry in 1967 consisted mainly of fabricated rubber products, n.e.c ($2 to $5 million).

Industry 3121 shipments of industrial leather belting and packing (primary products) in 1967 represented 90 percent (coverage ratio) of these products valued at $44.7 million shipped by all industries. In 1963, the coverage ratio was 84 percent. Other industries shipping industrial leather belting and packing (primary products) consisted mainly of industry 3069, Fabricated Rubber Products, N.E.C. ($2 to $5 million).

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3121, these establishments accounted for 3.1 percent of payroll and 3.8 percent of value added by manufacture.

3131--BOOT AND SHOE CUT STOCK AND FINDINGS

This industry comprises establishments primarily engaged in manufacturing leather soles, innersoles, and other boot and shoe cut stock and findings. This industry also includes finished wood heels. Establishments primarily engaged in manufacturing heels, soling strips, and soles made of rubber, composition, plastics, and fiber are classified in Major Group 30. For a detailed list of products of industry 3131, refer to table 6A product codes 3131011 to 3131069.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Footwear Cut Stock Industry in 1967 totaled $262.8 million. This included shipments of footwear cut stock (primary products), valued at $235.3 million, shipments of other products (secondary products) valued at $15.2 million, and miscellaneous receipts of $12.3 million.

This industry's shipments of footwear cut stock (primary products) in 1967 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 93 percent. Secondary products shipped by this industry in 1967 consisted mainly of fabricated rubber products, n.e.c. ($5 to $10 million).

Industry 3131 shipments of footwear cut stock (primary products) in 1967 represented 93 percent (coverage ratio) of these products valued at $254.3 million shipped by all industries. In 1963, the coverage ratio was 94 percent. Other industries shipping footwear cut stock (primary products) consisted mainly of industry 3021, Rubber Footwear, over $2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3131, these establishments accounted for 2.3 percent of the payroll and 2.7 percent of value added by manufacture.

3141--FOOTWEAR, EXCEPT HOUSE SLIPPERS AND RUBBER FOOTWEAR

This industry comprises establishments primarily engaged in the production of boots and shoes designed primarily for street, work, play, or sport wear. Establishments primarily engaged in the production of such protective footwear as rubbers, rubber boots, storm shoes, galoshes, and other footwear with rubber soles vulcanized to the uppers are classified in industry 3021. For a detailed list of products of industry 3141, refer to table 6A, product codes 3141100 to 3141700.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Shoes, Except Rubber, Industry in 1967 totaled $2,770.5 million. This included shipments of shoes, except rubber (primary products), valued at $2,626.2 million, shipments of other products (secondary products) valued at $16.5 million, and miscellaneous receipts of $127.8 million.

This industry's shipments of shoes, except rubber (primary products) in 1967 represented 99 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 99 percent. Secondary products shipped by this industry in 1967 consisted mainly of house slippers (over $2 million).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 27 percent of the total industry shipments are represented by plants specializing in product class 31411, Men's Dress Shoes, Including Play Shoes, and 46 percent in 31414, Women's Dress, Work, and Play Shoes.

Industry 3141 shipments of shoes except rubber (primary products) in 1967 represented 98 percent (coverage ratio) of these products valued at $2,666.2 million shipped by all industries. In 1963, the coverage ratio was 99 percent. Other industries shipping shoes, except rubber (primary products) consisted mainly of industry 3021, Rubber Footwear $20.4 million; Industry 3142, House Slippers $7.4 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3141, these establishments accounted for 0.2 percent of payroll and 0.2 percent of value added by manufacture.

3142--HOUSE SLIPPERS

This industry comprises establishments primarily engaged in manufacturing house slippers of leather or other materials. For a detailed list of products of industry 3142, refer to table 6A, product code 3142013 to 3142061.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the House Slippers Industry in 1967 totaled $181.0 million. This included shipments of house slippers (primary products), valued at $151.2 million, shipments of other products (secondary products) valued at $12.4 million, and miscellaneous receipts of $17.4 million.

This industry's shipments of house slippers (primary products) in 1967 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 90 percent. Secondary products shipped by this industry in 1967 consisted mainly of shoes, except rubber ($7.4 million), and rubber footwear ($4.8 million).

Industry 3142 shipments of house slippers (primary products) in 1967 represented 93 percent (coverage ratio) of these products valued at $162.3 million shipped by all industries. In 1963, the coverage ratio was 85 percent. Other industries shipping house slippers (primary products) consisted mainly of industry 3141, Shoes, Except Rubber, over $2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3142, these establishments accounted for 0.6 percent of payroll and 0.6 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3111.--LEATHER TANNING AND FINISHING														
1967 Census....	[3]519	258	30.7	186.4	26.4	52.8	142.5	319.4	547.0	870.1	16.7	135.8	98	99
1966 ASM[1].....	(NA)	(NA)	32.7	189.2	28.2	57.5	144.4	326.4	614.1	940.5	17.3	144.4	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	32.0	180.0	27.9	56.9	139.0	327.0	535.6	856.7	11.3	144.2	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	31.2	169.0	27.1	54.6	131.5	300.2	481.3	783.6	*7.8	137.7	(NA)	(NA)
1963 Census....	525	256	31.4	163.3	27.3	54.6	129.8	273.1	480.5	758.4	6.5	140.3	99	100
1962 ASM[1].....	(NA)	(NA)	31.7	157.2	27.3	53.3	123.1	263.6	491.0	765.9	*7.2	146.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	33.2	157.9	28.7	55.0	124.0	267.5	486.7	761.1	4.7	154.1	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	34.5	163.9	30.0	57.6	128.9	278.5	508.5	790.7	6.1	149.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	37.1	173.6	32.4	62.6	137.1	337.5	558.9	886.9	7.6	160.1	(NA)	(NA)
1958 Census[2]...	578	280	37.1	165.5	32.5	63.4	133.2	275.8	464.9	743.1	7.9	149.3	100	100
INDUSTRY 3121.--INDUSTRIAL LEATHER BELTING														
1967 Census....	[3]67	24	2.7	15.9	2.0	4.0	10.4	31.5	21.5	53.8	1.1	7.6	85	90
1966 ASM[1].....	(NA)	(NA)	2.6	16.0	1.9	4.0	10.7	33.8	20.0	53.1	0.6	8.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	2.7	16.5	1.9	4.0	10.6	33.0	20.3	52.4	0.9	8.3	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	2.9	17.1	2.2	4.4	9.8	31.7	20.9	52.9	*0.9	7.8	(NA)	(NA)
1963 Census....	83	23	2.9	15.9	2.1	4.2	9.7	32.9	19.0	51.9	0.7	7.7	89	84
1962 ASM[1].....	(NA)	(NA)	3.6	19.6	2.5	4.7	11.7	50.0	29.5	79.3	*3.3	15.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	4.7	21.0	3.6	5.5	12.0	43.9	23.5	66.5	*1.5	15.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	6.7	26.2	5.1	9.2	16.9	52.0	29.7	81.0	*2.3	14.6	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	5.6	25.5	4.2	8.7	16.6	46.9	41.3	88.0	*1.9	14.1	(NA)	(NA)
1958 Census[2]...	104	32	4.0	18.7	2.8	5.4	11.5	36.3	30.4	66.6	1.2	13.1	90	92
INDUSTRY 3131.--FOOTWEAR CUT STOCK														
1967 Census....	[3]379	189	13.7	59.9	12.2	22.7	45.8	109.2	153.5	262.8	2.7	25.1	94	93
1966 ASM[1].....	(NA)	(NA)	14.5	65.2	12.4	24.2	47.3	104.4	178.9	282.8	*3.1	25.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	14.5	61.4	12.7	24.8	45.4	98.0	153.9	250.4	2.3	23.5	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	13.8	52.7	12.1	23.2	37.4	97.4	125.7	223.8	1.2	22.1	(NA)	(NA)
1963 Census....	446	204	14.3	53.4	12.6	23.7	40.9	90.6	138.2	229.3	1.6	23.0	93	94
1962 ASM[1].....	(NA)	(NA)	17.4	61.1	15.3	29.3	48.8	111.6	149.2	261.5	*0.9	26.4	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	19.7	66.7	17.3	32.3	53.0	112.0	160.1	272.5	(S)	26.6	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	20.1	68.8	17.6	33.5	54.0	113.2	174.4	288.0	(S)	27.7	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	20.3	68.3	17.9	33.4	53.9	116.9	180.5	296.9	(S)	28.5	(NA)	(NA)
1958 Census[2]...	513	235	18.0	58.5	15.5	28.9	44.6	98.4	158.6	256.7	2.0	26.2	95	95
INDUSTRY 3141.--SHOES, EXCEPT RUBBER														
1967 Census....	[3]951	742	198.5	835.3	180.0	333.7	680.8	1,525.7	1,241.7	2,770.5	25.2	336.2	99	98
1966 ASM[1].....	(NA)	(NA)	206.0	817.6	186.8	348.8	671.6	1,446.1	1,229.3	2,650.1	27.3	344.9	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	205.3	780.8	186.3	346.4	639.3	1,343.3	1,125.7	2,461.3	21.8	301.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	201.4	750.9	182.9	342.4	620.9	1,319.9	1,069.8	2,365.9	20.3	286.3	(NA)	(NA)
1963 Census....	1,040	815	201.7	713.6	182.9	335.0	589.4	1,214.7	1,035.6	2,249.2	18.5	268.5	99	99
1962 ASM[1].....	(NA)	(NA)	215.8	742.2	195.4	356.5	609.4	1,216.0	1,095.4	2,312.3	17.7	278.3	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	216.4	718.3	195.2	352.1	584.8	1,177.8	1,050.4	2,233.1	21.3	270.2	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	216.3	704.7	195.0	352.5	575.1	1,161.1	1,050.8	2,212.7	15.2	263.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	219.7	717.0	198.9	366.3	588.8	1,185.0	1,101.0	2,279.6	13.8	280.4	(NA)	(NA)
1958 Census[2]...	1,115	887	215.3	662.4	194.3	348.5	542.2	1,086.3	964.3	2,048.9	14.5	246.8	99	99
INDUSTRY 3142.--HOUSE SLIPPERS														
1967 Census....	[3]132	92	12.5	53.2	11.0	20.5	40.0	94.2	86.8	181.0	1.3	25.0	92	93
1966 ASM[1].....	(NA)	(NA)	13.7	53.1	11.7	21.9	39.4	86.8	76.9	162.0	1.4	19.0	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	12.6	49.0	11.3	20.2	36.5	78.6	71.2	148.6	1.5	16.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	12.1	45.1	10.8	19.2	34.6	72.5	65.2	137.7	1.3	15.8	(NA)	(NA)
1963 Census....	153	97	11.0	39.8	9.9	17.3	30.4	64.6	58.9	123.6	1.1	11.9	90	85
1962 ASM[1].....	(NA)	(NA)	12.0	42.4	10.6	18.4	31.5	67.7	66.2	133.7	*1.1	13.9	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	12.3	40.1	10.8	18.1	29.4	67.9	64.4	131.8	*1.2	11.4	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	11.3	38.6	10.0	17.4	28.9	60.1	59.1	119.4	(S)	10.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	12.5	41.0	11.0	19.2	30.8	65.7	62.8	128.4	(S)	11.6	(NA)	(NA)
1958 Census[2]...	164	97	11.5	37.1	10.2	18.0	28.3	59.7	52.6	112.1	0.6	10.5	90	85

Note: In 1967, 1963, and 1958, the number of companies in industry 3111 was 474, 482, and 521, respectively; in industry 3121: 63, 81, and 99; industry 3131: 348, 414, and 472; industry 3141: 676, 784, and 872; industry 3142: 125, 149, and 160. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. *These figures either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

[3]Some of the small establishments in this industry may have been misclassified as to industry. This does not significantly affect the statistics other than the number of establishments or number of companies. (See paragraph in Introduction: "Industry Classification of Establishments" for further explanation.)

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3111.--LEATHER TANNING AND FINISHING								
1967 Census	6,071	86	2,004	2.70	.63	.84	10,401	58	6.05
1966 ASM	5,787	86	2,037	2.51	.65	.85	9,983	58	5.68
1965 ASM	5,629	87	2,040	2.44	.63	.84	10,228	55	5.75
1964 ASM	5,416	87	2,014	2.41	.61	.83	9,619	56	5.49
1963 Census	5,198	87	2,000	2.38	.63	.85	8,692	60	5.01
1962 ASM	4,967	86	1,954	2.31	.64	.85	8,326	60	4,94
1961 ASM	4,752	86	1,920	2.25	.64	.85	8,049	59	4.86
1960 ASM	4,744	87	1,923	2.24	.64	.85	8,064	59	4.84
1959 ASM	4,684	87	1,935	2.19	.63	.83	9,109	51	5.39
1958 Census	4,459	87	1,952	2.10	.63	.85	7,428	60	4.35
	INDUSTRY 3121.--INDUSTRIAL LEATHER BELTING								
1967 Census	5,944	75	2,005	2.59	.40	.70	11,772	50	7.88
1966 ASM	6,105	72	2,090	2.72	.38	.68	12,871	47	8,54
1965 ASM	6,177	71	2,079	2.67	.39	.70	12,336	50	8.30
1964 ASM	5,813	73	2,020	2.26	.39	.72	10,771	54	7.28
1963 Census	5,539	73	2,000	2.32	.37	.67	11,469	48	7.84
1962 ASM	5,398	69	1,881	2.50	.37	.62	13,761	39	10.63
1961 ASM	4,442	77	1,512	2.19	.35	.67	9,263	48	8.01
1960 ASM	3,901	76	1,816	1.84	.37	.69	7,756	50	5.65
1959 ASM	4,587	76	2,056	1,92	.47	.76	8,442	54	5.42
1958 Census	4,702	70	1,940	2.14	.46	.74	9,132	51	6.76
	INDUSTRY 3131.--FOOTWEAR CUT STOCK								
1967 Census	4,688	86	1,852	2.13	.58	.81	7,972	55	4.81
1966 ASM	4,513	86	1,945	1.95	.63	.86	7,226	62	4.32
1965 ASM	4,219	87	1,948	1.61	.61	.86	6,738	63	3.96
1964 ASM	3,816	87	1,920	1.72	.56	.80	7,045	54	4.20
1963 Census	3,726	88	1,880	1.67	.60	.84	6,319	59	3.82
1962 ASM	3,514	88	1,914	1.64	.57	.80	6,412	55	3.81
1961 ASM	3,382	88	1,867	2.64	.59	.83	5,674	60	3.46
1960 ASM	3,429	88	1,898	1.61	.61	.84	5,641	61	3.38
1959 ASM	3,360	88	1,867	1.61	.61	.84	5,757	58	3.50
1958 Census	3,244	86	1,860	1.54	.62	.85	5,456	59	3.41
	INDUSTRY 3141.--SHOES, EXCEPT RUBBER								
1967 Census	4,207	91	1,854	2.04	.45	.75	7,686	55	4.57
1966 ASM	3,968	91	1,867	1.93	.46	.77	7,019	57	4.15
1965 ASM	3,803	91	1,859	1.85	.46	.77	6,542	58	3.88
1964 ASM	3,728	91	1,872	1.81	.45	.77	6,553	57	3.85
1963 Census	3,537	91	1,831	1.76	.46	.78	6,022	59	3.63
1962 ASM	3,440	91	1,824	1.71	.47	.79	5,635	61	3.41
1961 ASM	3,319	90	1,804	1.66	.47	.79	5,442	61	3.34
1960 ASM	3,257	90	1,807	1.63	.47	.79	5,367	61	3.29
1959 ASM	3,264	91	1,842	1.61	.48	.80	5,395	61	3.24
1958 Census	3,077	90	1,793	1.56	.47	.79	5,045	61	3.12
	INDUSTRY 3142.--HOUSE SLIPPERS								
1967 Census	4,248	88	1,863	1.95	.48	.77	7,518	57	4.60
1966 ASM	3,881	86	1,865	1.80	.48	.80	6,340	61	3.97
1965 ASM	3,882	89	1,791	1.81	.48	.81	6,226	62	3.90
1964 ASM	3,713	89	1,779	1.80	.47	.80	5,971	62	3.77
1963 Census	3,604	90	1,744	1.76	.48	.80	5,848	62	3.74
1962 ASM	3,526	88	1,731	1.71	.50	.81	5,633	63	3.68
1961 ASM	3,270	88	1,673	1.62	.49	.79	5,531	59	3.75
1960 ASM	3,403	88	1,739	1.66	.50	.82	5,294	64	3.45
1959 ASM	3,288	88	1,750	1.60	.49	.81	5,276	62	3.42
1958 Census	3,217	88	1,775	1.57	.47	.80	5,178	62	3.31

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3111-- LEATHER TANNING AND FINISHING													
UNITED STATES	519	258	30.7	186.4	26.4	52.8	142.5	319.4	547.0	870.1	16.7	31.4	273.1
NORTHEAST REGION	359	161	16.4	98.0	13.9	27.5	73.5	167.4	289.7	459.6	5.5	18.2	151.8
NEW ENGLAND DIVISION	183	93	9.7	57.6	8.1	16.0	42.5	95.2	173.2	270.0	3.5	10.0	81.8
MAINE	16	14	2.1	11.9	1.9	3.8	9.4	20.8	22.3	42.9	.6	[2](D)	[2](D)
NEW HAMPSHIRE	18	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	8.7
VERMONT	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	146	62	5.9	37.0	4.9	9.4	26.1	60.8	134.6	197.9	2.0	6.0	55.1
MIDDLE ATLANTIC DIVISION	176	68	6.7	40.4	5.8	11.5	31.0	72.2	116.6	189.6	2.1	8.2	70.0
NEW YORK	108	30	2.5	14.9	2.2	4.3	11.8	25.6	45.8	73.2	.7	3.2	28.3
NEW JERSEY	48	25	2.3	14.6	1.9	3.9	10.3	27.7	38.0	66.4	.9	2.2	22.2
PENNSYLVANIA	20	13	1.9	10.9	1.7	3.2	8.9	18.9	32.7	50.1	.5	2.7	19.6
NORTH CENTRAL REGION	87	58	9.0	61.1	7.8	15.9	47.1	102.3	157.4	260.6	7.7	8.3	84.8
EAST NORTH CENTRAL DIVISION	74	51	8.2	56.0	7.1	14.6	43.2	93.4	144.1	238.3	5.0	7.7	78.6
OHIO	12	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
INDIANA	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	19	12	1.7	12.3	1.6	3.4	10.1	23.9	29.9	53.1	1.1	2.0	19.6
MICHIGAN	10	5	1.1	7.2	1.0	1.9	6.0	15.3	22.0	36.7	(D)	.9	9.4
WISCONSIN	30	24	4.4	31.4	3.7	7.7	23.0	51.4	77.4	129.5	3.1	4.0	44.4
WEST NORTH CENTRAL DIVISION	13	7	.8	5.2	.6	1.3	3.9	9.0	13.3	22.3	2.7	.6	6.2
MINNESOTA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	6	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	47	30	4.6	22.2	4.0	8.1	17.9	40.6	87.5	128.8	2.8	4.3	31.4
SOUTH ATLANTIC DIVISION	26	18	3.0	14.7	2.7	5.2	12.1	24.6	44.9	69.9	1.6	(D)	(D)
DELAWARE	6	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	8.4
MARYLAND	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	12	10	1.4	6.7	1.2	2.6	5.3	14.7	41.9	56.9	1.2	(D)	(D)
KENTUCKY	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	9	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	10.1
WEST SOUTH CENTRAL DIVISION	9	2	.2	.8	.1	.3	.5	1.3	.7	1.9	(Z)	(D)	(D)
TEXAS	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	26	9	.8	5.1	.7	1.3	4.0	9.1	12.4	21.1	.6	.6	5.1
PACIFIC DIVISION	22	9	.7	5.1	.6	1.3	4.0	9.0	12.3	20.9	.6	(D)	(D)
CALIFORNIA	15	8	.7	4.7	.6	1.2	3.7	8.4	11.5	19.5	(D)	.6	4.4
3121-- INDUSTRIAL LEATHER BELTING													
UNITED STATES	67	24	2.7	15.9	2.0	4.0	10.4	31.5	21.5	53.8	1.1	2.9	32.9
NORTHEAST REGION	24	9	.7	4.1	.5	1.0	2.5	7.6	7.1	14.8	.2	.8	7.9
NEW ENGLAND DIVISION	11	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW HAMPSHIRE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	13	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW JERSEY	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	14	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	12	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	16.6
OHIO	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	23	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH ATLANTIC DIVISION	22	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3131-- FOOTWEAR CUT STOCK													
UNITED STATES	379	189	13.7	59.9	12.2	22.7	45.8	109.2	153.5	262.8	2.7	14.3	90.6
NORTHEAST REGION	293	146	9.7	43.2	8.4	15.6	31.9	77.4	105.1	182.5	1.9	10.1	63.3
NEW ENGLAND DIVISION	210	114	7.7	35.0	6.7	12.3	25.4	62.0	80.3	142.1	1.7	7.9	50.9
MAINE	23	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3	7.1
NEW HAMPSHIRE	21	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	5.6
MASSACHUSETTS	157	85	5.4	25.2	4.6	8.6	18.3	46.4	62.7	109.1	.9	5.4	36.5
RHODE ISLAND [e]	6	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.1

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3131--FOOTWEAR CUT STOCK--CONTINUED													
MIDDLE ATLANTIC DIVISION	83	32	2.0	8.2	1.8	3.3	6.5	15.5	24.9	40.3	.1	2.2	12.4
NEW YORK	62	21	1.3	5.6	1.2	2.2	4.4	11.2	16.9	28.1	.1	1.4	8.5
PENNSYLVANIA	18	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)	[2](D)
NORTH CENTRAL REGION	63	32	3.0	12.5	2.8	5.3	10.3	23.4	37.5	61.0	.6	3.4	22.1
EAST NORTH CENTRAL DIVISION	25	9	.8	3.4	.7	1.5	2.9	5.6	8.4	14.0	(D)	.9	5.2
OHIO	6	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	1.7
ILLINOIS	8	4	.3	1.3	.3	.6	1.1	2.2	3.2	5.5	(D)	.3	1.8
WISCONSIN	7	2	.2	1.0	.2	.4	.8	1.6	2.5	4.1	(D)	(D)	(D)
WEST NORTH CENTRAL DIVISION	38	23	2.3	9.1	2.1	3.8	7.4	17.8	29.1	47.0	(D)	2.5	17.0
MISSOURI	37	23	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	15	8	.9	3.4	.8	1.5	2.9	6.6	10.2	17.0	.2	.7	4.2
SOUTH ATLANTIC DIVISION	6	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	.8
EAST SOUTH CENTRAL DIVISION	7	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	3.3
TENNESSEE	5	5	.6	2.4	.6	1.1	2.2	5.1	6.8	11.9	(D)	[2](D)	[2](D)
WEST REGION	8	3	.2	.8	.2	.3	.7	1.7	.7	2.4	.1	(D)	(D)
PACIFIC DIVISION	8	3	.2	.8	.2	.3	.7	1.7	.7	2.4	.1	.2	.9
CALIFORNIA	7	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.9
3141-- SHOES, EXCEPT RUBBER													
UNITED STATES	951	742	198.5	835.3	180.0	333.7	680.8	1 535.7	1 241.7	2 770.5	25.2	201.9	1 216.0
NORTHEAST REGION	544	421	106.1	462.1	95.4	175.7	369.6	742.7	620.0	1 357.3	11.1	110.3	596.6
NEW ENGLAND DIVISION	288	247	71.0	313.8	63.6	115.8	248.1	497.8	406.5	899.4	6.8	71.2	387.4
MAINE	80	71	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW HAMPSHIRE	62	55	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	134	111	28.2	130.7	25.0	45.3	101.3	208.6	170.0	378.3	2.5	31.4	180.5
CONNECTICUT	10	10	1.3	5.5	1.2	2.2	4.7	9.6	8.1	17.7	(D)	1.6	8.0
MIDDLE ATLANTIC DIVISION	256	174	35.0	148.3	31.8	59.8	121.5	244.9	213.5	457.9	4.3	39.1	209.2
NEW YORK	124	68	11.7	54.9	10.3	19.4	43.0	96.7	74.9	169.2	1.3	14.0	81.6
NEW JERSEY	14	10	1.1	4.9	1.0	1.7	3.9	6.9	5.9	12.8	.2	1.1	5.6
PENNSYLVANIA	118	96	22.2	88.5	20.5	38.7	74.7	141.3	132.7	275.9	2.7	24.0	122.0
NORTH CENTRAL REGION	189	168	FF	(D)	(D)	8(D)	(D)	(D)	(D)	(D)	(D)	53.6	381.4
EAST NORTH CENTRAL DIVISION	108	93	26.9	119.6	23.9	44.2	95.0	242.7	188.2	437.6	5.0	30.8	221.8
OHIO	19	14	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	[2](D)
INDIANA	7	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	17.5
ILLINOIS	28	25	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	10.8	78.0
MICHIGAN	7	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	47	42	8.5	39.0	7.3	13.8	28.7	71.8	68.8	144.9	1.8	8.6	59.3
WEST NORTH CENTRAL DIVISION	81	75	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	22.8	159.7
MINNESOTA	6	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	8.8
IOWA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	69	65	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	21.5	149.5
SOUTH REGION	154	127	41.6	159.1	38.7	73.6	136.5	329.5	267.8	598.0	6.4	35.3	220.4
SOUTH ATLANTIC DIVISION	55	46	12.6	48.4	11.7	22.7	40.8	87.3	79.7	165.5	2.0	10.0	55.1
MARYLAND	9	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	10	10	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)
NORTH CAROLINA	6	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	8.5
GEORGIA	9	9	2.9	10.6	2.8	5.4	9.2	20.9	18.4	39.5	.3	[2](D)	18.9
FLORIDA	19	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	56	50	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	17.4	122.9
KENTUCKY	9	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.3	15.5
TENNESSEE	37	34	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	43	31	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7.8	42.3
ARKANSAS	20	19	7.4	26.5	7.0	12.6	23.6	52.0	39.1	90.8	(D)	6.0	33.1
TEXAS	23	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8	9.3
WEST REGION	64	26	2.7	12.5	2.4	4.4	9.2	20.3	16.8	36.9	.2	2.8	17.6
PACIFIC DIVISION	57	23	2.6	12.0	2.2	4.2	8.8	19.4	16.1	35.3	.2	(D)	(D)
CALIFORNIA	42	19	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3142-- HOUSE SLIPPERS													
UNITED STATES	132	92	12.5	53.2	11.0	20.5	40.0	94.2	86.8	181.0	1.3	11.0	64.6
NORTHEAST REGION	102	72	9.6	42.0	8.6	15.9	32.2	70.5	71.5	142.5	.9	8.9	52.4
NEW ENGLAND DIVISION	26	18	2.3	9.9	2.0	3.7	7.0	16.0	16.1	32.3	.1	2.7	14.6
MASSACHUSETTS	17	12	1.8	7.6	1.6	2.8	5.4	12.6	13.3	26.1	.1	2.3	12.3
CONNECTICUT	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	76	54	7.3	32.1	6.6	12.2	25.2	54.5	55.5	110.2	.8	6.2	37.8
NEW YORK	60	42	5.0	20.4	4.4	7.9	15.8	36.3	38.2	74.7	.5	4.3	26.2
NEW JERSEY	8	8	1.2	6.4	1.1	2.1	4.8	9.2	8.3	17.3	.1	1.0	6.4
PENNSYLVANIA	8	4	1.2	5.3	1.1	2.2	4.6	9.0	9.0	18.2	.2	1.0	5.1

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3142--HOUSE SLIPPERS--CONTINUED													
NORTH CENTRAL REGION	13	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	1(D)	(D)	1.6	9.7
EAST NORTH CENTRAL DIVISION	9	6	.8	3.6	.6	1.1	2.1	7.3	4.1	11.3	.2	[2].8	[2]4.8
OHIO	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2].8	[2]5.0
MISSOURI	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	13	11	1.6	5.7	1.4	2.8	4.4	12.6	8.1	20.5	.2	(D)	(D)
SOUTH ATLANTIC DIVISION	8	7	1.1	3.9	1.0	2.0	3.1	8.9	6.0	14.9	.1	.2	.9
MARYLAND	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CAROLINA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
GEORGIA	3	3	.6	2.1	.6	1.1	1.7	4.0	3.7	8.0	(D)	.1	.3
EAST SOUTH CENTRAL DIVISION	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Leather tanning and finishing (SIC 3111)				Industrial leather belting (SIC 3121)	Footwear cut stock (SIC 3131)	Footwear except rubber (SIC 3141)	House slippers (SIC 3142)
	Total (SIC 3111)	Tanneries (SIC 3111-11)	Converters (SIC 3111-22)	Contract tanneries (SIC 3111-33)				
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.98	(NA)	(NA)	(NA)	.85	.94	.99	.92
COVERAGE RATIO[2]	.99	(NA)	(NA)	(NA)	.90	.93	.98	.93
ESTABLISHMENTS, TOTAL .NUMBER	519	314	70	135	67	379	951	132
WITH 1 TO 19 EMPLOYEES .DO	261	[3]163	52	[3]46	43	190	209	40
WITH 20 TO 99 EMPLOYEES .DO	171	91	13	67	19	151	169	48
WITH 100 EMPLOYEES OR MORE .DO	87	60	5	22	5	38	573	44
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	30.7	20.8	1.4	8.5	2.7	13.7	198.5	12.5
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	186.4	130.1	10.0	46.3	15.9	59.9	835.3	53.2
PRODUCTION WORKERS:								
AVERAGE FOR YEAR 1,000	26.4	17.9	1.0	7.5	2.0	12.2	180.0	11.0
MARCH .DO	26.3	17.9	1.0	7.4	2.2	11.9	180.5	10.6
MAY .DO	26.2	17.8	1.0	7.4	2.1	11.9	177.9	10.8
AUGUST .DO	26.4	17.9	1.0	7.5	1.9	12.2	181.6	11.3
NOVEMBER .DO	26.5	18.0	1.0	7.6	1.9	12.6	180.2	11.4
MAN-HOURS .MILLIONS	52.8	36.0	2.0	14.9	4.0	22.7	333.7	20.5
JANUARY-MARCH .DO	13.2	9.0	.5	3.7	1.1	5.7	85.2	4.7
APRIL-JUNE .DO	13.4	9.1	.5	3.8	1.0	5.5	81.1	5.2
JULY-SEPTEMBER .DO	12.8	8.8	.5	3.5	.9	5.5	81.7	5.3
OCTOBER-DECEMBER .DO	13.5	9.1	.5	3.8	1.0	6.0	85.7	5.4
WAGES MILLION DOLLARS	142.5	99.0	5.2	38.3	10.4	45.8	680.8	40.0
COST OF MATERIALS, ETC., TOTAL .DO	547.0	361.1	137.1	48.7	21.5	153.5	1 241.7	86.8
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	460.3	333.8	83.4	43.1	17.6	144.6	1 121.8	72.2
COST OF RESALES .DO	8.1	6.7	1.2	.1	3.4	5.2	73.4	10.0
FUELS CONSUMED .DO	8.0	5.4	.3	2.2	.2	.6	3.4	.2
PURCHASED ELECTRIC ENERGY .DO	5.5	3.6	.3	1.6	.3	1.1	10.0	.6
CONTRACT WORK .DO	65.2	11.6	51.9	1.7	.1	2.0	33.1	3.7
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	870.1	584.9	168.4	116.8	53.8	262.8	2 770.5	181.0
VALUE OF RESALES .DO	8.8	7.2	1.5	.1	4.7	8.8	86.8	12.4
VALUE ADDED BY MANUFACTURE .DO	319.4	219.3	30.7	69.4	31.5	109.2	1 525.7	94.2
MANUFACTURERS' INVENTORIES:								
BEGINNING OF YEAR, TOTAL .DO	147.8	110.2	25.4	12.2	9.1	25.3	343.9	24.4
FINISHED PRODUCTS .DO	40.0	30.1	8.4	1.6	3.7	10.0	138.9	11.1
WORK IN PROCESS .DO	62.8	45.4	12.8	4.7	2.4	3.6	65.3	4.0
MATERIALS, SUPPLIES, FUEL, ETC. .DO	44.9	34.7	4.3	5.9	3.0	11.6	139.8	9.3
END OF YEAR, TOTAL .DO	135.8	98.2	25.0	12.6	7.6	25.1	336.2	25.0
FINISHED PRODUCTS .DO	40.2	29.4	8.3	2.5	3.6	10.2	132.9	11.9
WORK IN PROCESS .DO	59.0	41.7	12.2	5.1	1.7	3.2	68.4	3.2
MATERIALS, SUPPLIES, FUEL, ETC. .DO	36.6	27.2	4.5	5.0	2.3	11.6	134.9	9.9
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	17.7	11.2	.6	5.9	1.1	3.1	28.5	1.4
NEW PLANT AND EQUIPMENT, TOTAL .DO	16.7	10.7	.6	5.4	1.1	2.7	25.2	1.3
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	5.2	2.7	.2	2.3	.4	.8	6.7	.3
NEW MACHINERY AND EQUIPMENT .DO	11.6	8.1	.4	3.0	.8	1.9	18.5	1.0
USED PLANT AND EQUIPMENT .DO	.9	.4	(Z)	.5	(Z)	.3	3.3	.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Appendix, "Explanation of Terms."

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

[3]Some of the small establishments in this subindustry may have been misclassified as to industry. This does not significantly affect the statistics other than the number of establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
3111-- LEATHER TANNING AND FINISHING											
ESTABLISHMENTS, TOTAL	519	30.7	186.4	26.4	52.8	142.5	319.4	547.0	870.1	16.7	135.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	146	.3	1.8	.2	.4	.9	8.4	31.5	39.8	.5	3.3
5 TO 9 EMPLOYEES	52	.3	2.4	.3	.5	1.2	5.7	17.0	22.8	(Z)	4.0
10 TO 19 EMPLOYEES	63	.9	5.9	.8	1.4	3.8	12.3	25.1	38.4	2.2	4.8
20 TO 49 EMPLOYEES	98	3.1	17.3	2.6	5.0	12.8	30.4	62.9	93.5	.9	9.1
50 TO 99 EMPLOYEES	73	5.3	29.4	4.5	9.1	22.5	47.1	80.4	128.4	1.9	17.3
100 TO 249 EMPLOYEES	57	9.1	50.3	8.1	16.3	40.3	87.4	139.0	225.7	4.1	40.6
250 TO 499 EMPLOYEES	25	8.0	52.1	6.9	14.0	40.6	83.7	128.3	214.3	4.3	38.9
500 TO 999 EMPLOYEES	4	3.7	27.3	3.1	6.2	20.4	44.2	62.9	107.2	2.7	17.8
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	141	.4	2.0	.3	.6	1.4	4.8	5.3	10.1	(Z)	1.5
3111-11 TANNERIES											
ESTABLISHMENTS, TOTAL	314	20.8	130.1	17.9	36.0	99.0	219.3	361.1	584.9	10.7	98.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	97	.2	1.0	.2	.3	.7	1.9	3.0	4.9	.5	.5
5 TO 9 EMPLOYEES [e]	32	.2	1.3	.2	.4	.8	2.3	2.8	5.0	(D)	.8
10 TO 19 EMPLOYEES	34	.5	3.0	.4	.8	2.0	5.3	11.2	17.0	(D)	2.0
20 TO 49 EMPLOYEES	50	1.6	8.4	1.3	2.5	6.4	14.0	23.8	38.2	.3	4.2
50 TO 99 EMPLOYEES	41	2.9	16.5	2.5	5.0	12.6	25.8	42.0	68.8	1.0	8.0
100 TO 249 EMPLOYEES	35	15.5	99.9	13.4	27.1	76.4	170.0	278.4	450.9	9.1	82.8
250 TO 499 EMPLOYEES	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	103	.3	1.6	.3	.5	1.2	2.7	3.0	5.8	(Z)	.9
3111-22 CONVERTERS											
ESTABLISHMENTS, TOTAL	70	1.4	10.0	1.0	2.0	5.2	30.7	137.1	168.4	.6	25.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	34	.1	.6	(Z)	(Z)	.1	6.4	28.4	34.8	.4	2.8
5 TO 9 EMPLOYEES	13	.1	.9	(Z)	.1	.2	3.1	13.1	16.2	(D)	3.1
10 TO 19 EMPLOYEES	5	.1	.7	(Z)	.1	.2	3.7	12.1	16.3	(D)	2.6
20 TO 49 EMPLOYEES	10	.5	3.3	.2	.5	1.2	9.3	60.0	69.1	(D)	11.0
50 TO 99 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	5	.8	4.4	.7	1.4	3.4	8.1	23.6	32.0	.1	5.4
ESTABS. COVERED BY ADMIN. RECORDS[1]	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3111-33 CONTRACT TANNERIES											
ESTABLISHMENTS, TOTAL	135	8.5	46.3	7.5	14.9	38.3	69.4	48.7	116.8	5.4	12.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	15	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	3.3	(Z)
5 TO 9 EMPLOYEES	7	(Z)	.2	(Z)	.1	.2	.4	1.2	1.6	(D)	.1
10 TO 19 EMPLOYEES	24	.4	2.2	.3	.6	1.5	3.3	1.8	5.1	(D)	.2
20 TO 49 EMPLOYEES	38	3.5	18.4	3.1	6.1	15.1	28.4	17.5	45.8	(D)	3.2
50 TO 99 EMPLOYEES	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	17	2.7	14.5	2.3	4.7	12.3	21.3	12.3	33.3	1.1	3.0
250 TO 499 EMPLOYEES	4	1.9	10.9	1.7	3.3	9.1	15.9	15.9	30.8	.9	6.2
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3121-- INDUSTRIAL LEATHER BELTING											
ESTABLISHMENTS, TOTAL	67	2.7	15.9	2.0	4.0	10.4	31.5	21.5	53.8	1.1	7.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	25	(Z)	.3	(Z)	.1	.2	.7	.6	1.4	(Z)	.2
5 TO 9 EMPLOYEES [e]	9	.1	.4	(Z)	.1	.2	.8	.8	1.7	(D)	.3
10 TO 19 EMPLOYEES	9	.1	.8	.1	.2	.5	1.3	1.4	2.7	.1	.3
20 TO 49 EMPLOYEES	14	.4	2.4	.3	.6	1.3	4.5	5.2	9.5	.1	1.3
50 TO 99 EMPLOYEES	5	.4	2.0	.3	.6	1.4	4.0	3.4	7.3	.1	.9
100 TO 249 EMPLOYEES	2	1.6	10.0	1.3	2.5	6.9	20.2	10.1	31.1	.8	4.7
250 TO 499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	27	.1	.5	.1	.1	.3	1.2	1.0	2.3	(Z)	.4

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967–Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3131-- FOOTWEAR CUT STOCK											
ESTABLISHMENTS, TOTAL	379	13.7	59.9	12.2	22.7	45.8	109.2	153.5	262.8	2.7	25.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [e]	101	.2	.8	.2	.3	.6	2.0	2.7	4.7	(Z)	.4
5 TO 9 EMPLOYEES [e]	31	.2	1.0	.2	.4	.8	1.7	1.9	3.7	(Z)	.3
10 TO 19 EMPLOYEES	58	.9	4.0	.8	1.4	2.9	7.1	9.8	17.1	.2	1.5
20 TO 49 EMPLOYEES	95	3.1	13.4	2.7	4.9	10.1	23.9	39.4	63.2	.5	5.6
50 TO 99 EMPLOYEES	56	3.9	16.8	3.4	6.2	12.6	30.6	39.8	70.0	1.0	7.0
100 TO 249 EMPLOYEES	37	5.5	24.0	5.0	9.5	18.8	43.9	59.9	104.1	1.1	10.3
250 TO 499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	116	.3	1.4	.3	.6	1.1	3.0	3.7	6.7	(Z)	.6
3141-- SHOES, EXCEPT RUBBER											
ESTABLISHMENTS, TOTAL	951	198.5	835.3	180.0	333.7	680.8	1 525.7	1 241.7	2 770.5	25.2	336.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [e]	124	.2	.8	.2	.3	.7	3.4	3.2	6.5	-	.6
5 TO 9 EMPLOYEES [e]	46	.3	1.2	.3	.5	1.0	2.3	1.8	4.2	(Z)	.4
10 TO 19 EMPLOYEES	39	.6	2.6	.5	1.0	2.0	5.9	5.0	10.9	(Z)	1.2
20 TO 49 EMPLOYEES	75	2.5	9.1	2.2	3.8	7.3	15.0	10.4	25.6	.2	2.8
50 TO 99 EMPLOYEES	94	7.3	29.8	6.5	12.1	23.3	50.3	48.9	98.7	1.5	11.4
100 TO 249 EMPLOYEES	220	37.7	153.5	33.9	61.7	122.5	262.3	200.5	461.8	4.9	60.6
250 TO 499 EMPLOYEES	283	100.6	416.3	92.4	171.4	348.9	803.9	646.7	1 448.7	12.5	158.4
500 TO 999 EMPLOYEES	63	40.1	172.4	36.0	67.8	138.5	290.6	273.3	567.9	5.0	74.8
1,000 TO 2,499 EMPLOYEES	7	9.4	49.6	8.1	15.1	36.7	91.7	51.8	145.9	.9	26.0
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	142	.4	1.6	.4	.7	1.3	3.0	2.3	5.3	(Z)	.6
3142-- HOUSE SLIPPERS											
ESTABLISHMENTS, TOTAL	132	12.5	53.2	11.0	20.5	40.0	94.2	86.8	181.0	1.3	25.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	18	(Z)	.1	(Z)	(Z)	.1	.3	.2	.5	-	.1
5 TO 9 EMPLOYEES	11	.1	.4	.1	.1	.3	1.6	4.0	6.0	-	.7
10 TO 19 EMPLOYEES	11	.2	.9	.1	.3	.6	2.8	5.1	7.8	(Z)	1.1
20 TO 49 EMPLOYEES	23	.7	3.0	.7	1.2	2.4	5.3	3.4	8.6	(Z)	1.1
50 TO 99 EMPLOYEES	25	1.8	7.1	1.7	3.1	6.1	11.1	10.5	21.4	.2	2.3
100 TO 249 EMPLOYEES	31	4.8	18.9	4.2	7.5	14.2	35.9	32.8	68.6	.5	10.0
250 TO 499 EMPLOYEES	12	4.8	22.9	4.2	8.4	16.4	37.2	30.8	68.2	.5	9.8
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above.
[e] Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.) - Represents zero.
[1] Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3111	Leather tanning and finishing.....1967..	870.1	[1]838.9	14.2	17.0	98	[1]846.2	[1]838.9	7.3	99
	1963..	758.4	[r]732.3	5.1	[r]21.0	99	[1r]734.9	[1r]732.3	2.5	100
3121	Industrial leather belting.....1967..	53.8	40.3	7.2	6.3	85	44.7	40.3	4.4	90
	1963..	51.9	42.5	5.2	4.2	89	50.6	42.5	8.1	84
3131	Footwear cut stock.....1967..	262.8	235.3	15.2	12.3	94	254.3	235.3	19.0	93
	1963..	229.3	202.4	14.1	12.7	93	216.0	202.4	13.6	94
3141	Shoes, except rubber.....1967..	2,770.5	2,626.2	16.5	127.8	99	2,666.2	2,626.2	40.0	98
	1963..	2,249.2	2,174.0	26.2	49.0	99	2,196.7	2,174.0	22.7	99
3142	House slippers.....1967..	181.0	151.2	12.4	17.4	92	162.3	151.2	11.1	93
	1963..	123.6	108.3	12.3	2.9	90	127.6	108.3	19.3	85

Note: See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
[r]Revised.
[1]Includes receipts for contract finishing and tanning done for others on their materials. Information for 1963 has been corrected to show these changes; comparable data for previous census studies are not available.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry and miscellaneous receipts	All industries	Leather tanning and finishing (SIC 3111)	Industrial leather belting (SIC 3121)	Footwear cut stock (SIC 3131)	Shoes, except rubber (SIC 3141)	House slippers (SIC 3142)	Other industries
	Total shipments and miscellaneous receipts	X)	870.1	53.8	262.8	2,770.5	181.0	(X)
3111-	Tanned and finished leather	846.2	838.9	1.7	2.7	-	-	2.9
3111-	Finished cattle hide and kip side leathers	495.7	490.8	1.7	(2-5)	-	-	(under 2)
31112	Finished calf and whole kip leathers	35.6	(20-50)	-	(under 2)	-	-	-
31113	Finished sheep and lamb leathers	60.9	(50-100)	-	-	-	-	(under 2)
31114	Other finished leathers, n.e.c	75.3	(50-100)	-	-	-	-	(under 2)
31115	Routh, russet, and crust leather (not finished in the same establishment)	30.5	30.5	-	-	-	-	-
31119	Contract and commission receipts for tanning and finishing leather owned by others	113.1	113.1	-	-	-	-	-
31110	All other finished and rough leather, n.s.k	35.1	(20-50)	-	-	-	-	(under 2)
3121-	Industrial leather belting and packing	44.7	(under 2)	40.3	(under 2)	-	-	3.5
3131-	Footwear cut stock	254.3	12.2	-	235.3	1.0	-	5.8
3141-	Shoes, except rubber	2,666.2	-	-	-	2,626.2	7.4	32.6
31411	Men's dress shoes, including play shoes	669.4	-	-	-	664.3	1.3	3.8
31412	Men's workshoes	315.0	-	-	-	297.3	-	17.7
31413	Youths' and boys' shoes	100.1	-	-	-	100.1	-	-
31414	Women's dress, work, and play shoes	1,249.1	-	-	-	1,238.9	4.2	6.0
31415	Misses' and children's shoes	186.7	-	-	-	(100-200)	(under 2)	-
31416	Infants' and babies' shoes	69.6	-	-	-	69.0	(under 2)	(under 2)
31417	All other footwear, except rubber and slippers	40.4	-	-	-	35.9	-	4.5
31410	Shoes except rubber, n.s.k	35.9	-	-	-	34.9	(under 2)	(under 2)
3142-	House slippers	162.3	-	-	-	(over 2)	151.2	(over 2)
	Other product shipments by 4-digit product group							
3011-	Tires and inner tubes	(X)	-	-	-	(over 2)	-	(X)
3021-	Rubber footwear	(X)	-	-	-	(under 2)	4.8	(X)
3069-	Fabricated rubber products, n.e.c	(X)	-	(2-5)	(5-10)	-	-	(X)
	Other secondary products	(X)	1.6	(under 2)	(2-5)	4.0	0.2	(X)
	Miscellaneous receipts	(X)	17.0	6.3	12.3	127.8	17.4	(X)
93000	Other contract receipts	(X)	3.6	1.3	3.2	38.5	5.0	(X)
	Resales	(X)	8.8	4.7	8.8	86.8	12.4	(X)
	Other miscellaneous receipts	(X)	4.6	0.3	0.3	2.5	(Z)	(X)
	Listing of the other industries with over $2 million shipments of the primary products							
3121-	3069 Fabricated rubber products, n.e.c	(X)	(X)	(X)	(X)	(X)	(X)	2.3
3131-	3021 Rubber footwear	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
3141-	3021 Rubber footwear	(X)	(X)	(X)	(X)	(X)	(X)	20.4
3141-	3842 Surgical appliances and supplies	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
3141-	3949 Sporting and athletic goods, n.e.c	(X)	(X)	(X)	(X)	(X)	(X)	4.0
3142-	3021 Rubber footwear	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3111- --	TANNED AND FINISHED LEATHER, TOTAL	.....	(X)	846.2	(X)	734.9
31111 --	Finished cattle hide and kip side leathers, total	.....	(X)	495.7	(X)	397.4
	Grains, except offal and welting leather (heads, shoulders, bellies, etc.):					
	Sole leather:					
31111 11	Vegetable tanned (backs, bends, and sides)	Million lbs...	129.7	71.8	91.9	46.3
31111 13	Chrome or retan (backs, bends, and sides)	Million sq.ft.	22.0	11.5	12.7	6.2
31111 24	Belting and mechanical leather	Million lbs...	[e]5.3	5.0	9.0	7.4
31111 33	Bag, case, and strap leather (sides)	Million sq.ft.	39.3	21.7	40.9	19.2
31111 35	Upholstery leather, top grains and machine buffs (hides)	...do.....	29.2	18.9	38.8	18.6
31111 37	Upper leather, excluding patent (sides)	...do.....	528.0	256.5	509.4	216.3
31111 41	Patent leather (sides)	...do.....	20.9	13.5	28.5	18.3
31111 45	Garment leather (sides)	...do.....	8.0	3.7	9.4	3.6
31111 49	Other grains, including flat and handbag leather, and lining leather (sides)	...do.....	63.0	27.9	40.6	15.6
	Offal (heads, shoulders, bellies, etc.) except splits and welting leather:					
	Sole leather:					
31111 51	Vegetable tanned	Million lbs...	37.1	14.9	31.7	8.5
31111 53	Chrome or retan	Million sq.ft.	15.3	4.3	21.8	5.2
31111 59	Other offal, including waistbelt leather	...do.....	8.4	4.8	8.2	3.6
	Finished splits, including shoulder splits, deep buffs, buffing and fleshers:					
31111 61	Bottom stock	Million sq.ft.	17.6	3.9	4.2	1.0
31111 63	Upper	...do.....	55.1	13.2	32.5	6.7
31111 65	Lining	...do.....	46.4	12.4	67.8	11.2
31111 69	Other including glove and upholstery	...do.....	31.1	7.4	43.0	6.5
31111 71	Welting leather grains and offal	Million lbs...	3.8	2.4	4.0	1.1
31111 00	Finished cattle hide and kip side leathers, n.s.k.	.....	(X)	1.9	(X)	2.1
31112 11	Finished calf and whole kip leathers	Million sq.ft.	44.2	35.6	69.9	51.9
31113 --	Finished sheep and lamb leather, total	...do.....	168.3	60.9	234.2	69.7
31113 12	Shoe	...do.....	31.6	9.8	76.4	19.2
31113 31	Garment	...do.....	99.9	37.3	113.3	35.5
31113 39	Other, including glove, fleshers, and skivers	...do.....	[e]26.1	8.0	41.6	14.1
31113 51	Shearlings	...do.....	[e]10.7	5.8		
31113 00	Finished sheep and lamb leather, n.s.k.	...do.....	-	-	[1]2.9	0.9
31114 --	Other finished leathers, n.e.c., total	...do.....	142.9	75.3	130.3	69.4
	Goat and kid leathers:					
31114 11	Upper	...do.....	62.6	38.1	68.4	38.5
31114 19	Lining and other	...do.....	11.2	6.1	10.4	4.3
31114 21	All cabretta leathers	...do.....	[2]10.4	[2]6.5	6.7	3.0
31114 35	Horse, colt, mule, ass, and pony leathers	...do.....			8.5	6.3
31114 59	Other animal leathers	...do.....	54.0	22.2	33.2	15.6
31114 00	Other finished leathers, n.e.c., n.s.k.	...do.....	[1]4.7	2.4	[1]3.3	1.7
31115 --	Rough, russet, and crust leather (not finished in the same establishment), total	.....	(X)	30.5	(X)	23.4
31115 21	Grains and offal (heads, shoulders, bellies, etc.)	.....	(X)	15.7	(X)	10.7
31115 51	Splits, including shoulder splits, deep buffs, buffing, and fleshers	.....	(X)	14.8	(X)	12.7
31110 00	All other finished and rough leathers, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	25.4	(X)	23.9
31110 02	All other finished and rough leathers, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	9.7		
31119 11	Receipts for contract finishing and tanning done for others on their materials	.....	(NA)	113.1	(NA)	99.1

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Product code	Product	Value (million dollars) 1967	Value (million dollars) 1963
3121- --	INDUSTRIAL LEATHER BELTING AND PACKING, TOTAL	44.7	50.6
31210 13	Industrial leather belting	6.8	8.5
	Leather packings, oil and grease retainers, total	25.6	33.8
31210 61	Leather packings	[2]25.6	7.6
31210 71	Leather oil and grease retainers, including seals		26.1
31210 98	Other industrial leather products made wholly or partly of leather, including textile leathers but excluding gaskets and washers	6.7	8.3
31210 00	Industrial leather belting and packing, n.s.k. (For companies with 10 or more employees. See Note.)	3.3	-
31210 02	Industrial leather belting and packing, n.s.k. (For companies with less than 10 employees. See Note.)	2.3	

Product code	Product	Unit of measure	1967 Total shipments including interplant transfers: Quantity	1967 Total shipments including interplant transfers: Value (million dollars)	1967 Transfers to other plants of the same company: Quantity	1967 Transfers to other plants of the same company: Value (million dollars)	1963 Total shipments including interplant transfers: Quantity	1963 Total shipments including interplant transfers: Value (million dollars)	1963 Transfers to other plants of the same company: Quantity	1963 Transfers to other plants of the same company: Value (million dollars)
3131- --	FOOTWEAR CUT STOCK, TOTAL	.....	(X)	254.3	(X)	40.0	(X)	216.0	(X)	35.4
	Boot and shoe cut stock:									
	Outer soles:									
31310 11	Leather	Million doz. prs.	[e]6.9	45.0	[e]1.8	13.9	6.6	35.0	1.7	11.7
31310 15	Other, except rubber, elastomer resin, and plastic	...do.....			-	-				
	Innersoles:									
31310 17	Leather	...do.....	(NA)	18.3	(NA)	5.8	2.9	9.4	4.5	7.1
31310 18	Other	...do.....	(NA)	17.1	3.0	4.1	16.9	14.3		
	Heels:									
31310 21	Leather	...do.....	(NA)	5.6	0.8	1.2	8.6	12.6	1.3	2.1
31310 23	Other, except wood, rubber, elastomer resin, and plastic	...do.....	4.7	9.3			5.0	7.0		
31310 29	Counters	...do.....	[e]20.7	13.4	6.4	2.6	28.2	14.1	4.0	1.9
31310 41	Box toes	...do.....	[e]15.4	4.6			27.8	8.0	6.6	1.8
31310 45	Taps	...do.....	0.9	4.7	-	-	0.8	3.3		
	Other cut stock:									
31310 48	Leather	.....	(X)	7.6	(X)	2.1	(X)	5.0	(X)	0.4
31310 49	Other	.....	(X)	16.1			(X)	10.8	(X)	0.2
	Findings, boot and shoe:									
31310 63	Wood heel blocks, made for sale as such	Million doz. prs.	1.4	2.1	-	-	2.0	3.9		
	Finished wood heels:									
31310 65	Manufactured complete in your plant	...do.....	[e]2.7	8.1			3.1	9.6		
31310 66	Finished from purchased blocks	...do.....	[e]3.5	14.8			3.5	14.0	(NA)	7.7
31310 67	Shanks	...do.....	(NA)	6.3	(NA)	10.3	23.0	6.4		
31310 68	Welting (equivalent 1/2-inch wide)	Million lin. yds.	[e]122.6	14.6			109.2	9.6		
31310 69	Other findings	.....	(X)	35.0			(X)	38.5	(X)	2.4
31310 00	Footwear cut stock, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	25.0	(X)	(X)	(X)	14.2	(X)	(X)
31310 02	Footwear cut stock, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	6.7	(X)	(X)				

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (million pairs)	Value (million dollars)	Quantity (million pairs)	Value (million dollars)
3141- --	SHOES, EXCEPT RUBBER, TOTAL	512.4	2,666.2	524.2	2,196.7
	Men's dress shoes, including play shoes:				
31411 00	As reported in the census of manufactures	87.0	669.4	83.8	531.0
	As reported on Census annual Form MA31A[3]	85.0	(NA)	82.5	(NA)
31412 00	Men's workshoes:				
	As reported in the census of manufactures	36.1	315.0	26.7	174.9
	As reported on Census annual Form MA31A[3]	38.7	(NA)	28.2	(NA)
	Youths' and boys' shoes:				
31413 00	As reported in the census of manufactures	25.2	100.1	22.2	82.2
	As reported on Census annual Form MA31A[3]	25.3	(NA)	24.0	(NA)
	Women's dress, work, and play shoes:				
31414 00	As reported in the census of manufactures	260.5	1,249.1	275.7	1,065.5
	As reported on Census annual Form MA31A[3]	258.0	(NA)	275.2	(NA)
	Misses' and children's shoes:				
31415 00	As reported in the census of manufactures	57.5	186.7	65.5	189.9
	As reported on Census annual Form MA31A[3]	58.3	(NA)	66.2	(NA)
	Infants' and babies' shoes:				
31416 00	As reported in the census of manufactures	29.3	69.6	31.7	73.1
	As reported on Census annual Form MA31A[3]	30.0	(NA)	33.5	(NA)
	Other footwear (except rubber footwear, shoes with skates attached, or slippers):				
31417 00	As reported in the census of manufactures	9.2	40.4	12.5	54.4
	As reported on Census annual Form MA31A[3]	8.9	(NA)	17.0	(NA)
31410 00	Footwear, n.s.k. (For companies with 10 or more employees. See Note)	[4]5.9	30.6	[4]6.1	25.7
31410 02	Footwear, n.s.k. (For companies with less than 10 employees. See Note)	[4]1.7	5.3		

	Product	Production (million pairs)	
		1967	1963
	(AS REPORTED ON CENSUS ANNUAL FORM MA-31A, SHOES AND SLIPPERS)[5]		
31411--	Shoes (including athletic), total	504.3	526.7
	Men's shoes (except athletic)	123.7	110.7
	Men's workshoes	38.7	28.2
3141221	6" high and over (including over-the-foot boots)	29.3	17.1
3141211	Less than 6" high	9.4	11.1
	Men's shoes, other than work	85.0	82.5
3141131	Handsewns (genuine moccasin construction with outsole attached)	15.7	
3141141	Uppers of soft tannages (including desert boots and sandals)	10.9	82.5
3141198	All other men's shoes (including dress)	58.4	
	Youths' and boys' shoes (except athletic)	25.3	24.0
3141323	Youths' shoes	12.7	24.0
3141313	Boys' shoes	12.6	
	Women's shoes (except athletic)	258.0	275.2
3141421	Women's wedge heel (any height) or open toe (not over 8/8" heel)	24.8	
	All other women's shoes (except athletic)	233.2	275.2
3141433	Not over 8/8" heel	110.5	
3141435	9/8" heel and over	122.7	
	Misses' shoes (except athletic)	27.6	35.5
3141521	Misses' wedge heel (any height) or open toe (not over 8/8" heel)	7.5	35.5
3141539	All other misses' shoes (except athletic)	20.1	
3141541	Children's shoes (except athletic)	30.7	30.7
3141601	Infants' and babies' shoes	30.0	33.5
	Athletic shoes	6.9	9.8
3141721	Men's, youths', and boys' athletic shoes	5.5	9.8
3141729	All other athletic shoes	1.5	
3141798	Other footwear (except those with sole vulcanized or molded to fabric upper)	2.0	7.2

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (million pairs)	Value ($1,000)	Quantity (million pairs)	Value ($1,000)
31420 60	House slippers, total				
	As reported in the census of manufactures	98.3	162.3	79.8	127.6
	As reported on Census annual Form MA-31A[4]	95.6	(NA)	77.6	(NA)

Product code	Product	Production (million pairs)	
		1967	1963
	(AS REPORTED ON CENSUS ANNUAL FORM MA-31A, SHOES AND SLIPPERS)[5]		
31420 --	Slippers, total	95.6	77.6
31420 13	All slippers of slip-on type with underwedge heel or blown sponge rubber midsole	10.9	
	Other slippers:		
	Men's, youths', and boys'	14.9	
31420 21	Men's	13.8	
31420 23	Youths' and boys'	1.0	77.6
31420 41	Women's	57.2	
	Misses', children's, infants', and babies'	12.7	
31420 45	Misses' and children's	9.3	
31420 61	Infants' and babies'	3.3	

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000." Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, "Explanation of Terms."

- Represents zero. [6]From 10 to 30 percent of this figure was estimated. (NA) Not available. n.s.k. Not specified by kind. (X) Not applicable.

[1]Quantity estimated based on the unit-value relationship reported for other products of the product class.

[2]Combined to avoid disclosing operations of individual companies.

[3]The Census Annual Form MA31A, Shoes and Slippers data represents production of shoes whereas the census of manufactures data represents shipments of shoes and are not directly comparable. Detailed statistics are shown in Current Industrial Reports Series MA31A, Shoes and Slippers Summary for 1967.

[4]Quantity estimated using the average unit-value reported by other shoe producing companies reporting both quantity and value of shipments.

[5]Detailed statistics of shoes and slipper production by type of construction are shown in Current Industrial Reports Series M31A, released on September 13, 1968.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
FINISHED CATTLE HIDE AND KIP SIDE LEATHER (31111)		
United States	495.7	397.4
Northeast Region	209.5	180.0
New England Div	118.6	95.6
Maine	22.3	(1)
New Hampshire	CC	9.4
Vermont	BB	(1)
Massachusetts	84.8	69.1
Middle Atlantic Div	90.8	84.4
New York	18.7	32.4
New Jersey	41.2	23.4
Pennsylvania	31.0	28.6
North Central Region	186.7	143.4
East North Central Div	169.1	131.1
Ohio	BB	(1)
Indiana	AA	(1)
Illinois	42.4	36.5
Michigan	23.4	15.2
Wisconsin	99.2	76.2
West North Central Div	17.6	12.3
Minnesota	EE	(1)
Missouri	4.9	(1)
South Region	82.6	63.3
South Atlantic Div	42.0	(D)
Delaware	BB	(D)
Maryland	BB	(1)
Virginia	EE	(1)
West Virginia	16.3	11.0
North Carolina	BB	(1)
Georgia	BB	(1)
East South Central Div	39.7	(D)
Kentucky	EE	(1)
Tennessee	FF	27.3
West Region	17.0	10.8
Pacific Div	17.0	(D)
California	16.3	(1)
FINISHED CALF AND WHOLE KIP LEATHERS (31112)		
United States	35.6	(NA)
Northeast Region	17.2	(NA)
New England Div	EE	(NA)
Massachusetts	EE	(NA)
Middle Atlantic Div	CC	(NA)
New York	BB	(NA)
New Jersey	AA	(NA)
North Central Region	17.0	(NA)
East North Central Div	17.0	(NA)
Ohio	CC	(NA)
Illinois	AA	(NA)
Wisconsin	CC	(NA)
South Region	1.4	(NA)
South Atlantic Div	AA	(NA)
Delaware	AA	(NA)
FINISHED SHEEP AND LAMB LEATHER (31113)		
United States	60.9	69.7
Northeast Region	54.7	62.6
New England Div	39.1	47.2
New Hampshire	BB	(1)
Massachusetts	FF	(1)
Middle Atlantic Div	15.6	15.4
New York	EE	(1)
North Central Region	3.4	(D)
East North Central Div	3.4	(D)
Wisconsin	BB	(1)
South Region	AA	(D)
South Atlantic Div	AA	(D)
North Carolina	AA	(1)
West Region	AA	7.1
Pacific Div	AA	(D)
California	AA	(D)
OTHER FINISHED LEATHERS, N.E.C. (31114)		
United States	75.2	69.4
Northeast Region	49.0	42.8
New England Div	25.3	17.7
Massachusetts	FF	(1)
Connecticut	AA	(1)
Middle Atlantic Div	23.8	25.0
New York	11.4	9.9
New Jersey	CC	(1)
Pennsylvania	BB	(1)
North Central Region	EE	10.8
East North Central Div	EE	(D)
Illinois	AA	(1)
Michigan	CC	(1)
South Region	EE	(D)
South Atlantic Div	EE	(D)
Delaware	EE	(1)
ROUGH, RUSSET, AND CRUST LEATHER (NOT FINISHED IN THIS SAME ESTABLISHMENT) (31115)		
United States	30.6	(NA)
Northeast Region	6.6	(NA)
New England Div	3.7	(NA)
Maine	AA	(NA)
Massachusetts	BB	(NA)
Middle Atlantic Div	2.9	(NA)
New Jersey	BB	(NA)

See footnote at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
ROUGH, RUSSET, AND CRUST LEATHER (NOT FINISHED) IN THIS SAME ESTABLISHMENT (31115)--Continued		
North Central Region	16.3	(NA)
East North Central Div.	EE	(NA)
Ohio	EE	(NA)
Illinois	1.2	(NA)
Michigan	AA	(NA)
Wisconsin	7.7	(NA)
West North Central Div.	BB	(NA)
Nebraska	BB	(NA)
South Region	7.3	(NA)
South Atlantic Div.	CC	(NA)
Delaware	BB	(NA)
East South Central Div.	BB	(NA)
Tennessee	AA	(NA)
CONTRACT AND COMMISSION RECEIPTS, FOR TANNING AND FINISHING LEATHER OWNED BY OTHERS (31119)		
United States	113.2	(NA)
Northeast Region	88.2	(NA)
New England Div.	54.4	(NA)
Maine	17.7	(NA)
New Hampshire	9.4	(NA)
Massachusetts	26.6	(NA)
Middle Atlantic Div.	33.8	(NA)
New York	13.3	(NA)
New Jersey	7.6	(NA)
Pennsylvania	12.8	(NA)
North Central Region	16.3	(NA)
East North Central Div.	16.3	(NA)
Indiana	BB	(NA)
Illinois	3.4	(NA)
Michigan	AA	(NA)
Wisconsin	7.8	(NA)
South Region	8.6	(NA)
South Atlantic Div.	4.9	(NA)
Delaware	BB	(NA)
West Virginia	AA	(NA)
East South Central Div.	3.7	(NA)
Tennessee	BB	(NA)
MEN'S DRESS SHOES, INCLUDING PLAY SHOES (31411)		
United States	669.4	531.0
Northeast Region	315.8	246.0
New England Div.	247.6	185.8
Maine	85.7	48.9
New Hampshire	FF	(1)
Massachusetts	106.5	97.4
Connecticut	CC	(1)
MEN'S DRESS SHOES, INCLUDING PLAY SHOES (31411)--Continued		
Northeast Region--Continued		
Middle Atlantic Div.	68.3	60.2
New York	FF	(1)
New Jersey	AA	(1)
Pennsylvania	38.2	29.7
North Central Region	213.2	(D)
East North Central Div.	GG	150.9
Indiana	BB	(1)
Illinois	GG	(1)
Michigan	FF	(1)
Wisconsin	73.4	60.9
West North Central Div.	FF	(D)
Missouri	FF	(1)
South Region	139.9	(D)
South Atlantic Div.	44.3	24.0
Maryland	6.3	3.0
Virginia	EE	(1)
West Virginia	CC	(1)
North Carolina	CC	(1)
Georgia	EE	(1)
East South Central Div.	GG	68.8
Kentucky	BB	(1)
Tennessee	GG	(1)
West South Central Div.	EE	(D)
Arkansas	BB	(1)
Texas	CC	(1)
MEN'S WORKSHOES (31412)		
United States	315.0	174.9
Northeast Region	84.7	59.3
New England Div.	56.7	40.0
Maine	26.0	16.0
New Hampshire	9.4	9.1
Massachusetts	21.2	14.8
Middle Atlantic Div.	28.0	19.3
New York	EE	(1)
Pennsylvania	EE	(1)
North Central Region	87.0	57.2
East North Central Div.	FF	23.2
Illinois	CC	(D)
Michigan	BB	(1)
Wisconsin	30.0	17.6
West North Central Div.	FF	34.0
Minnesota	EE	(1)
Iowa	AA	(D)
Missouri	FF	(1)
South Region	138.1	55.7
South Atlantic Div.	58.0	(D)
Maryland	EE	(1)
North Carolina	22.9	(1)
Georgia	FF	(1)
East South Central Div.	59.2	(D)
Kentucky	BB	(D)
Tennessee	30.5	21.3
Alabama	FF	(1)
West South Central Div.	20.9	(D)
Arkansas	EE	(1)
Texas	CC	(D)
West Region	5.2	2.8
Pacific Div.	5.2	2.8
California	BB	(1)

See footnotes at end of table.

TABLE 6B. Product Classes Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
YOUTHS' AND BOYS' SHOES (31413)		
United States	100.1	82.2
Northeast Region	38.1	33.4
New England Div	20.3	14.9
Maine	8.3	3.5
New Hampshire	AA	(D)
Massachusetts	10.0	9.8
Middle Atlantic Div	17.9	18.5
New York	4.8	(1)
Pennsylvania	13.1	12.8
North Central Region	24.6	25.4
East North Central Div	13.5	(D)
Ohio	BB	(1)
Indiana	AA	(D)
Illinois	BB	(D)
Michigan	BB	(1)
Wisconsin	2.4	2.5
West North Central Div	11.1	(D)
Missouri	11.1	(1)
South Region	37.3	(D)
South Atlantic Div	14.1	(D)
Virginia	BB	(1)
West Virginia	AA	(D)
North Carolina	CC	(1)
Georgia	BB	3.6
East South Central Div	21.8	(D)
Tennessee	21.6	10.3
West South Central Div	1.4	(D)
Arkansas	1.4	1.3
WOMEN'S DRESS, WORK, AND PLAY SHOES (31414)		
United States	1,247.6	1,065.5
Northeast Region	679.7	591.6
New England Div	461.3	396.4
Maine	151.6	123.9
New Hampshire	136.0	111.3
Massachusetts	169.3	156.3
Connecticut	4.4	4.8
Middle Atlantic Div	218.4	195.2
New York	89.3	75.9
New Jersey	6.0	5.9
Pennsylvania	123.1	113.4
North Central Region	338.4	309.7
East North Central Div	159.8	161.4
Ohio	65.6	68.7
Indiana	FF	(1)
Illinois	52.2	56.6
Michigan	EE	(1)
Wisconsin	BB	(1)
South Region	202.1	139.8
South Atlantic Div	34.1	30.8
Maryland	BB	6.3
Virginia	EE	(1)
Georgia	AA	(1)
Florida	11.5	(1)
East South Central Div	120.9	80.7
Kentucky	40.1	(1)
Tennessee	FF	(1)
Mississippi	FF	24.8

Product class and geographic area	Value of shipments	
	1967	1963
WOMEN'S DRESS, WORK, AND PLAY SHOES 31414 --Con.		
Northeast Region--Continued		
West South Central Division	47.1	28.3
Arkansas	41.1	23.6
Texas	6.1	4.8
West Region	27.5	24.4
Pacific Div	FF	(D)
California	FF	(D)
MISSES' AND CHILDREN'S SHOES (31415)		
United States	186.7	189.9
Northeast Region	73.6	92.3
New England Div	35.9	36.6
Maine	4.6	5.4
New Hampshire	4.3	7.0
Massachusetts	23.4	20.7
Connecticut	3.5	3.5
Middle Atlantic Div	37.7	55.7
New York	4.3	(1)
Pennsylvania	33.4	41.7
North Central Region	46.4	44.1
East North Central Div	15.3	16.7
Indiana	AA	(1)
Illinois	AA	(1)
Michigan	BB	(1)
Wisconsin	9.7	11.4
West North Central Div	31.2	27.4
Missouri	31.2	(1)
South Region	66.6	(D)
South Atlantic Div	16.3	(D)
Maryland	CC	2.3
Virginia	BB	2.5
Florida	AA	(D)
East South Central Div	25.4	(D)
Tennessee	21.8	(D)
Alabama	AA	(D)
Mississippi	AA	(1)
West South Central Div	24.9	(D)
Arkansas	21.2	18.1
Texas	3.7	1.3
INFANTS' AND BABIES' SHOES (31416)		
United States	69.6	73.1
Northeast Region	32.0	32.2
New England Div	13.5	13.1
New Hampshire	AA	(D)
Massachusetts	EE	10.9
Middle Atlantic Div	18.5	19.1
New York	4.4	(1)
Pennsylvania	14.1	13.0
North Central Region	26.7	26.0
East North Central Div	12.2	15.2
Illinois	8.8	(D)
Wisconsin	2.9	(1)
West North Central Div	14.5	10.8
Missouri	14.0	10.8

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
INFANTS' AND BABIES' SHOES (31416)--Continued		
South Region	10.9	(D)
South Atlantic Div.	2.9	(D)
Maryland	AA	(D)
East South Central Div.	3.4	(D)
Tennessee	3.4	5.7
West South Central Div.	4.6	(D)
Arkansas	4.6	6.0
ALL OTHER FOOTWEAR, EXCEPT RUBBER AND SLIPPERS (31417)		
United States	41.9	54.4
Northeast Region	30.5	35.5
New England Div.	19.3	23.7
Maine	BB	10.5
New Hampshire	AA	[1]
Massachusetts	13.2	9.2
ALL OTHER FOOTWEAR, EXCEPT RUBBER AND SLIPPERS (31417)--Continued		
Northeast Region--Continued		
Middle Atlantic Div.	11.2	11.8
New York	BB	[1]
New Jersey	AA	(D)
Pennsylvania	6.7	7.1
North Central Region	7.9	7.3
East North Central Div.	6.3	4.6
Illinois	BB	[1]
Wisconsin	BB	[1]
West North Central Div.	1.6	2.7
South Region	2.6	10.2
South Atlantic Div.	BB	(D)
Florida	AA	(D)

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
3111-	Tanned and finished leather[2].....million dollars..	846.2	799.3	725.7	658.2	734.9	718.1	688.5	1,058.6
31111	Finished cattle hide and kip side leathers...do....	495.7	535.9	457.8	415.3	397.4	411.3	383.1	646.1
31112	Finished calf and whole kip leathers:								
	Quantity.....million sq. ft..	44.2	(NA)	(NA)	(NA)	69.9	83.6	92.6	127.2
	Value.....million dollars..	35.6	48.7	60.8	56.4	51.9	62.6	63.6	107.7
31113	Finished sheep and lamb leather:								
	Quantity.....million sq. ft..	168.3	(NA)	(NA)	(NA)	234.2	228.3	236.4	314.8
	Value.....million dollars..	60.9	86.2	76.0	69.6	69.7	56.7	62.2	91.7
31114	Other finished leathers, n.e.c.:								
	Quantity.....million sq. ft..	142.9	(NA)	(NA)	(NA)	130.3	150.5	(NA)	(NA)
	Value.....million dollars..	75.3	86.1	85.0	68.3	69.4	69.2	85.4	146.9
31115	Rough, russet, and crust leather (not finished in the same establishment).....do....	30.5	(34.5)	(28.1)	25.4	23.4	26.7	23.9	12.5
31110	All other finished and rough leathers, n.s.k.do....	35.1	(7.9)	(18.1)	23.1	23.9	7.6	-	-
31119	Contract and commission receipts for tanning, and finishing leather[2] owned by others.....do....	113.1	(NA)	(NA)	(NA)	99.1	83.9	70.3	53.6
31210	Industrial leather belting and packing.....do....	44.7	47.3	52.9	54.1	50.6	60.1	(NA)	(NA)
31310	Boot and shoe cut stock and findings.....do....	254.3	248.1	227.7	205.0	216.0	239.0	(NA)	(NA)
3141-	Shoes, except rubber:								
	Quantity.....million pairs..	512.4	(X)	(X)	(X)	524.2	524.3	473.4	437.9
	Value.....million dollars..	2,666.2	2,579.4	2,382.0	2,333.6	2,196.7	[3]2,013.1	1,779.1	1,712.8
31411	Men's dress shoes, including play shoes:								
	Quantity.....million pairs..	87.0	(X)	(X)	(X)	83.8	77.6	73.0	[4]85.0
	Value.....million dollars..	669.4	677.8	601.7	575.1	531.0	[3]472.5	438.6	467.0
31412	Men's workshoes:								
	Quantity.....million pairs..	36.1	(X)	(X)	(X)	26.7	24.9	21.3	[4]21.8
	Value.....million dollars..	315.0	246.2	204.0	205.2	174.9	[3]146.9	110.0	97.5
31413	Youths' and boys' shoes:								
	Quantity.....million pairs..	25.2	(X)	(X)	(X)	22.2	23.5	19.6	[4]19.8
	Value.....million dollars..	100.1	83.3	85.7	83.7	82.2	[3]81.8	65.1	55.9
31414	Women's dress, work, and play shoes:								
	Quantity.....million pairs..	260.5	(X)	(X)	(X)	275.7	279.5	246.8	[4]183.8
	Value.....million dollars..	1,249.1	1,201.8	1,134.9	1,108.0	1,065.5	[3]996.4	874.3	784.5
31415	Misses' and children's shoes:								
	Quantity.....million pairs..	57.5	(X)	(X)	(X)	65.5	69.8	68.3	[4]53.1
	Value.....million dollars..	186.7	223.4	213.3	206.9	189.9	[3]192.3	188.3	139.8
31416	Infants' and babies' shoes:								
	Quantity.....million pairs..	29.3	(X)	(X)	(X)	31.7	36.5	36.4	[4]35.0
	Value.....million dollars..	69.6	70.6	70.6	76.1	73.1	76.2	71.0	57.2
31417	All other footwear; except rubber and slippers:								
	Quantity.....million pairs..	9.2	(X)	(X)	(X)	12.5	12.5	8.1	[4]7.6
	Value.....million dollars..	40.4	57.5	54.2	54.9	54.4	[3]47.2	31.9	32.9
31410	Shoes, except rubber, n.s.k:								
	Quantity.....million pairs..	[5]7.6	(X)	(X)	(X)	[5]6.1	(X)	(X)	(X)
	Value.....million dollars..	35.9	(18.8)	(17.6)	23.7	25.7	(X)	(X)	(X)
31420	House slippers:								
	Quantity.....million pairs..	98.3	(X)	(X)	(X)	79.8	[3]70.9	56.0	43.4
	Value.....million dollars..	162.3	164.1	150.3	131.2	127.6	115.7	92.2	75.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard Notes: - Represents zero. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses for the value of shipments either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, at the individual product level, the estimates may be of limited reliability; however, they may be combined with other product-class totals into broader aggregates which are of acceptable reliability.

[2]For 1967 and 1963, contract receipts include all receipts for tanning and finishing done for others on their materials regardless of the industry classification of the establishments. Prior to 1963, contract receipts include establishments classified in industry 3111, Leather Tanning and Finishing; however, the amount of contract activity (tanning and finishing leather) outside of this industry is believed to be insignificant. Data for 1964 to 1966 exclude contract receipts.

[3]Represents value of production rather than value of shipments.

[4]The figures shown for 1947 are not completely comparable due to differences in reporting by manufacturers of sandal-type shoes. The 1947 data for play shoes, which are not included in the product class detail, are as follows: Men's, youths', and boys', 0.7 million pairs, $2.4 million; Womens' and misses', 29.5 million pairs, $73.3 million; Children's 0.8 million pairs, $1.2 million; Infants' and babies', 0.7 million pairs, $1.01 thousand.

[5]Quantity estimated using the average unit-value reported by other shoe producing companies reporting both quantity and value of shipments.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3111.--LEATHER TANNING AND FINISHING					
	Materials, parts, supplies, total	.....	(X)	460.3	(X)	397.6
201191	Hides, skins, and pelts	.....	(X)	298.0	(X)	274.3
240011	Plywood and other wood products, except boxes and containers	.....	(X)	0.4	(NA)	(NA)
280021	Tanning materials, dressings, dyes, and finishing agents	.....	(X)	92.3	(X)	87.4
	Finished leather:					
311102	Upper leather	Million sq. ft.	28.1	9.3	(NA)	(NA)
311105	Innersole leather	...do	[1]22.9		(NA)	(NA)
311106	All other soling leather	...do			[1]12.1	(NA)
311108	All other finished leather	...do			(NA)	(NA)
970099	All other materials, containers, and supplies	.....	(X)	21.5	(X)	19.0
972000	Materials, parts, supplies, n.s.k.[2]	.....	(X)	26.7	(X)	16.9
	INDUSTRY 3121.--INDUSTRIAL LEATHER BELTING					
	Materials, parts, supplies, total	.....	(X)	17.6	(X)	15.6
201191	Hides, skins, and pelts	.....	(X)	3.8	(X)	(NA)
	Finished leather:					
311102	Upper leather	Million sq. ft.	1.4	0.8	[3]5.2	5.9
311106	Soling leather, except innersole	Million lbs.	2.8	3.2		
311108	All other finished leather	...do				
970099	All other materials, parts, and supplies	.....	(X)	8.0	(X)	7.7
976000	Materials, parts, supplies, n.s.k.[2]	.....	(X)	1.8	(X)	2.0
	INDUSTRY 3131.--FOOTWEAR CUT STOCK					
	Materials, parts, supplies, total	.....	(X)	144.6	(X)	129.0
201191	Hides, skins, and pelts	.....	(X)	6.3	(NA)	(NA)
	Finished leather:					
311102	Upper leather	Million sq. ft.	8.2	4.6	9.5	3.2
	Soling leather, total	...do	58.4	29.9	81.0	36.2
311105	Innersole leather	Million lbs.	11.7	4.8	16.7	5.5
311106	All other soling leather	...do	46.7	25.1	64.3	30.8
311108	All other finished leather	...do	7.2	4.1	13.9	6.9
280021	Tanning materials, dressings, dyes, and other finishing agents	.....	(X)	2.7	(NA)	(NA)
240011	Plywood and other wood products, except boxes and containers	.....	(X)	5.6	(X)	9.0
970099	All other materials, containers, and supplies consumed	.....	(X)	57.4	(X)	53.7
976000	Materials, containers, supplies, n.s.k.[2]	.....	(X)	34.0	(X)	20.0
	INDUSTRY 3141.--SHOES, EXCEPT RUBBER					
	Materials, parts, supplies, total	.....	(X)	1,121.8	(X)	983.4
	Finished leather:					
	Upper leather, total	Million sq. ft.	855.2	426.3	945.8	398.4
311103	Lining leather	...do			255.6	56.5
311104	All other upper leather	...do			690.2	342.0
	Soling leather, total	Million lbs.	(NA)	66.3	127.8	52.4
311105	Innersole leather	...do	(NA)		45.8	13.3
311106	All other soling leather	...do	(NA)		82.1	39.1
311107	All other finished leather	.....	(X)	10.9	(X)	5.9
	Cut stock and findings	.....	(X)	151.1	(X)	126.2
307984	Composition and nuclear	Million lbs.	(NA)	15.0	75.6	26.0
306965	Rubber and elastomer resins soling slabs and top lift sheets	Million sq. ft.	(NA)	23.3	(NA)	(NA)
300115	Plastic, natural and synthetic rubber	.....	(X)	66.5	(X)	40.6
313108	Leather and other	.....	(X)	46.3	(X)	59.6
229503	Coated impregnated or laminated plastics on cloth backing, including artifical leather	Million lin. yds.	[e]13.1	18.6	13.2	15.6
307913	Unsupported plastic film and sheeting, not backed including poromerics	Million sq. yds.	[e]6.0	13.0	(NA)	2.1
220129	Broadwoven fabrics (over 12 inches wide)	Million lin. yds.	[e]29.2	25.7	47.3	23.9
970011	Containers and other packaging supplies	.....	(X)	36.0	(X)	35.9
970099	All other materials, parts, supplies	.....	(X)	222.9	(X)	213.5
976000	Materials, parts, supplies, n.s.k.[2]	.....	(X)	151.0	(X)	115.4

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3142.—HOUSE SLIPPERS					
	Materials, parts, supplies, total	.....	(X)	72.2	(X)	54.7
	Finished leather:					
	Upper leather, total	Million sq. ft..	22.2	9.5	24.9	9.6
311103	Lining leather	...do.....	[e]22.2	9.5	5.7	1.9
311104	All other upper leather	...do.....			19.2	7.6
	Soling leather, total	Million lbs.....	(NA)	1.4	4.2	2.9
311105	Innersole leather	...do.....	(NA)	1.4	0.3	0.2
311106	All other soling leather	...do.....			3.9	2.7
311107	All other finished leather	.....	(X)	1.1	(X)	1.4
	Cut stock and findings	.....	(X)	5.3	(X)	3.7
307984	Composition and nuclear	Million lbs.....	(NA)	1.8	1.8	1.3
300115	Plastic, natural and synthetic rubber	.....	(X)	2.9	(X)	1.6
313108	Leather and other	.....	(X)	0.6	(X)	0.8
229503	Coated impregnated or laminated plastics on cloth backing, cluding artifical leather	Million lin. yds.....	[e]3.8	7.2	(D)	(D)
307913	Unsupported plastic film and sheeting, not backed	Million sq. yds.	(NA)	0.6	(D)	(D)
220129	Broadwoven fabrics (over 12 inches wide)	Million lin. yds.....	[e]7.4	10.8	5.6	6.5
970011	Containers and other packaging supplies	.....	(X)	3.1	(X)	2.4
970099	All other materials, parts, supplies, including rubber and elastomer resin soling slabs and top lift sheets	.....	(X)	22.0	(X)	15.8
976000	Materials, parts, supplies, n.s.k[2]	.....	(X)	11.2	(X)	12.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. In some cases figures which are otherwise publishable are withheld to avoid indirect disclosure by subtraction from higher-level totals or from related figures. [e]From 10 to 30 percent of this figure was estimated.

[1]Combined to avoid disclosing the operations of individual companies.

[2]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this included estimates for companies that were not mailed report forms.

[3]For 1963, figures are in million pounds.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new
			Number	Payroll	Number	Man-hours	Wages				
		(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3111	LEATHER TANNING AND FINISHING										
	ENTIRE INDUSTRY	519	30.7	186.4	26.4	52.8	142.5	319.4	547.0	870.1	16.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	501	30.3	184.1	26.0	52.1	140.8	313.1	522.8	839.7	14.3
31111	FINISHED CATTLE HIDE AND KIP SIDE LEATHERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	136	15.6	102.0	13.3	27.3	76.3	191.1	363.0	554.8	9.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	121	13.0	84.7	11.2	22.9	64.0	160.8	297.9	458.2	7.9
31112	FINISHED CALF AND WHOLE KIP LEATHERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	10	1.1	6.9	.9	1.8	5.1	5.3	17.9	25.3	.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31113	FINISHED SHEEP AND LAMB LEATHER										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	26	1.6	9.0	1.4	2.6	6.5	17.4	42.5	60.9	.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31114	OTHER FINISHED LEATHERS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	22	1.8	11.3	1.4	2.9	8.0	16.9	39.5	57.9	.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31115	ROUGH, RUSSET, AND CRUST LEATHER (NOT FINISHED)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	11	.9	4.1	.7	1.4	3.2	5.9	16.1	22.0	.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31119	CONTRACT RECEIPTS, TANNING, FINISHING LEATHER										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	117	7.9	43.3	6.9	13.8	35.9	64.9	46.1	109.7	3.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	112	7.5	41.1	6.6	13.0	34.0	60.3	44.4	103.8	3.3
3111 11	LEATHER TANNING AND FINISHING, TANNERIES										
	ENTIRE SUBINDUSTRY	314	20.8	130.1	17.9	36.0	99.0	219.3	361.1	584.9	10.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	310	20.7	129.6	17.8	35.8	98.8	218.5	358.4	581.4	10.4
31111 11	FINISHED CATTLE HIDE AND KIP SIDE LEATHERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	106	14.4	94.2	12.5	25.6	72.1	169.4	260.8	431.3	8.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	96	12.0	77.9	10.5	21.4	60.1	144.8	228.2	372.7	7.6
31112 11	FINISHED CALF AND WHOLE KIP LEATHERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	7	1.0	6.6	.9	1.8	5.0	4.5	15.1	21.6	.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31113 11	FINISHED SHEEP AND LAMB LEATHER										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	17	1.4	7.5	1.2	2.3	5.7	12.9	23.0	36.1	.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31114 11	OTHER FINISHED LEATHERS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	19	1.7	11.0	1.4	2.8	7.8	14.3	29.7	45.4	.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31115 11	ROUGH, RUSSET, AND CRUST LEATHER (NOT FINISHED)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	8	.8	3.7	.6	1.2	2.9	5.2	14.1	19.3	.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3111 22	LEATHER TANNING AND FINISHING, CONVERTERS										
	ENTIRE SUBINDUSTRY	70	1.4	10.0	1.0	2.0	5.2	30.7	137.1	168.4	.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	69	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31111 22	FINISHED CATTLE HIDE AND KIP SIDE LEATHERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	28	1.1	7.4	.7	1.5	3.9	20.3	101.7	121.6	.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31112 22	FINISHED CALF AND WHOLE KIP LEATHERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31113 22	FINISHED SHEEP AND LAMB LEATHER										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	9	.2	1.6	.2	.3	.8	4.5	19.5	24.8	.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31114 22	OTHER FINISHED LEATHERS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
31115 22	ROUGH, RUSSET, AND CRUST LEATHER (NOT FINISHED)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967—Continued

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3121	INDUSTRIAL LEATHER BELTING										
	ENTIRE INDUSTRY	67	2.7	15.9	2.0	4.0	10.4	31.5	21.5	53.8	1.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	57	1.7	9.9	1.3	2.6	6.6	20.7	15.3	36.0	.8
3131	FOOTWEAR CUT STOCK										
	ENTIRE INDUSTRY	379	13.7	59.9	12.2	22.7	45.8	109.2	153.5	262.8	2.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	366	12.4	54.2	11.0	20.6	41.0	98.7	134.3	233.2	2.4
3141	SHOES, EXCEPT RUBBER										
	ENTIRE INDUSTRY	951	198.5	835.3	180.0	333.7	680.8	1 525.7	1 241.7	2 770.5	25.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	908	191.7	808.3	173.6	321.8	657.5	1 489.9	1 229.3	2 722.8	24.5
31411	MEN'S DRESS SHOES, INCLUDING PLAY SHOES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	139	47.1	207.1	42.7	80.0	169.6	393.8	351.0	751.1	5.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	99	35.6	160.0	31.9	59.8	130.0	304.0	274.1	585.9	3.7
31412	MEN'S WORKSHOES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	60	17.8	75.1	15.9	30.0	59.3	150.7	154.8	307.1	3.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	51	14.4	60.8	12.9	24.0	47.6	119.4	123.7	244.1	1.9
31413	YOUTHS' AND BOYS' SHOES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	20	4.5	17.9	4.2	7.9	15.2	31.3	25.8	56.8	.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	10	2.0	7.2	1.9	3.3	6.2	12.9	11.7	24.3	.2
31414	WOMEN'S DRESS, WORK, AND PLAY SHOES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	341	94.8	395.1	86.1	157.7	321.5	712.6	560.6	1 268.8	10.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	316	90.2	376.3	81.8	149.8	306.1	677.6	535.6	1 209.7	9.9
31415	MISSES' AND CHILDREN'S SHOES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	73	18.6	78.6	16.9	32.0	64.5	143.3	97.1	241.2	3.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	30	7.0	27.6	6.4	12.1	22.9	52.7	38.5	91.1	2.0
31416	INFANTS' AND BABIES' SHOES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	27	4.1	15.9	3.6	6.4	12.5	26.5	17.8	44.2	.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	22	3.0	11.3	2.6	4.6	8.9	18.0	11.6	29.6	.2
31417	ALL OTHER FOOTWEAR, EXCEPT RUBBER AND SLIPPERS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	31	2.8	12.1	2.5	4.7	9.2	18.2	15.5	32.6	.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3142	HOUSE SLIPPERS										
	ENTIRE INDUSTRY	132	12.5	53.2	11.0	20.5	40.0	94.2	86.8	181.0	1.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	115	10.5	44.9	9.2	17.1	33.2	79.0	74.0	153.4	1.0

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

LEATHER GLOVES; LUGGAGE; AND MISCELLANEOUS LEATHER GOODS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3151--Leather Gloves and Mittens
3161--Luggage
3171--Women's Handbags and Purses
3172--Personal Leather Goods, Except Women's Handbags and Purses
3199--Leather Goods, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3151--LEATHER GLOVES AND MITTENS

This industry comprises establishments primarily engaged in manufacturing dress, semidress, and work gloves exclusively of leather or leather with lining of other material. Establishments primarily engaged in manufacturing sporting and athletic gloves are classified in industry 3949; and dress, semidress, and work gloves and mittens of cloth or cloth and leather combined in industry 2381. For a detailed list of products of industry 3151, refer to table 6A, product codes 3151010 to 3151070.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Leather Gloves and Mittens Industry in 1967 totaled $86.7 million. This included shipments of leather gloves and mittens (primary products), valued at $61.6 million, shipments of other products (secondary products) valued at $6.6 million, and miscellaneous receipts of $18.5 million.

This industry's shipments of leather gloves and mittens (primary products) in 1967 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 81 percent. Secondary products shipped by this industry in 1967 consisted mainly of fabric dress and work gloves ($6.0 million).

Industry 3151 shipments of leather gloves and mittens (primary products) in 1967 represented 84 percent (coverage ratio) of these products valued at $73.3 million shipped by all industries. In 1963, the coverage ratio was 89 percent. Other industries shipping leather gloves and mittens (primary products) consisted mainly of industry 2381, Fabric Dress and Work Gloves, $10.6 million.

Establishments in this industry were requested to report value of shipments beginning in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the industry's value of shipments shown in table 1.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3151, these establishments accounted for 3.6 percent of payroll and 5.8 percent of value added by manufacture.

3161--LUGGAGE

This industry comprises establishments primarily engaged in manufacturing luggage of leather or other materials. For a detailed list of products of industry 3161, refer to table 6A, product codes 3161016 to 3161098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Luggage Industry in 1967 totaled $334.2 million. This included shipments of luggage (primary products), valued at $308.5 million, shipments of other products (secondary products) valued at $13.7 million, and miscellaneous receipts of $12.0 million.

This industry's shipments of luggage (primary products) in 1967 represented 96 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 95 percent. Secondary products shipped by this industry in 1967 consisted mainly of sporting and athletic goods, n.e.c. (over $2 million).

Industry 3161 shipments of luggage (primary products) in 1967 represented 94 percent (coverage ratio) of these products valued at $320.1 million shipped by all industries. In 1963, the coverage ratio was also 94 percent.

For industry 3161, the Census Bureau collected current statistics on selected products. These data appear in the Current Industrial Reports series M31E, Luggage, Briefcases, and Personal Leather Goods. The publication of monthly data in this series was terminated, however, with the December 1968, monthly report.

The 1967 summary data compiled from this survey are shown in table 6A together with the comparable totals reported in the census of manufactures. The two sets of 1967 data differ primarily because of the different procedures used in deriving the totals. All manufacturing plants are included in the census of manufactures. The monthly M31E data, on the other hand, are estimates based on reports received from a sample of producers benchmarked to their 1963 Census of Manufactures reports. Over a period of time, most samples, including this one, are subject to increasing errors pending rebenchmarking to a complete universe. The sample for the luggage and personal leather goods survey did not completely reflect the changes in business activity of the nonsample companies and consequently the estimates differ from the results of the complete census.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3161, these establishments accounted for 1.4 percent of payroll and 1.7 percent of value added by manufacture.

3171--WOMEN'S HANDBAGS AND PURSES

This industry comprises establishments primarily engaged in manufacturing women's handbags and purses of leather or other materials, except precious metal (industry 3911). For a detailed list of products of industry 3171, refer to table 6A, product codes 3171011 to 3171071.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Women's Handbags and Purses Industry in 1967 totaled $327.2 million. This included shipments of women's handbags and purses (primary products), valued at $304.9 million, shipments of other products (secondary products) valued at $7.5 million, and miscellaneous receipts of $14.8 million.

This industry's shipments of women's handbags and purses (primary products) in 1967 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was also 98 percent.

Industry 3171 shipments of women's handbags and purses (primary products) in 1967 represented 98 percent (coverage ratio) of these products valued at $312.1 million shipped by all industries. In 1963, the coverage ratio was 98 percent.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3171, these establishments accounted for 2.3 percent of payroll and 2.5 percent of value added by manufacture.

3172--PERSONAL LEATHER GOODS, EXCEPT WOMEN'S HANDBAGS AND PURSES

This industry comprises establishments primarily engaged in manufacturing small articles, such as billfolds, key cases, and coin purses of leather or other materials, except precious metal (industry 3911). For a detailed list of products of industry 3172, refer to table 6A, product codes 3172011 to 3172098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Personal Leather Goods Industry in 1967 totaled $186.2 million. This included shipments of personal leather goods (primary products), valued at $163.9 million, shipments of other products (secondary products) valued at $10.4 million, and miscellaneous receipts of $11.9 million.

This industry's shipments of personal leather goods (primary products) in 1967 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 96 percent.

Industry 3172 shipments of personal leather goods (primary products) in 1967 represented 92 percent (coverage ratio) of these products valued at $178.9 million shipped by all industries. In 1963, the coverage ratio was also 92 percent. Other industries shipping personal leather goods (primary products) consisted mainly of industry 3851, Ophthalmic Goods, over $2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3172, these establishments accounted for 2.9 percent of payroll and 3.2 percent of value added by manufacture.

3199--LEATHER GOODS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing leather goods, not elsewhere classified, such as saddlery, harness, and whips; embossed leather goods; leather desk sets; and razor strops. For a detailed list of products of industry 3199, refer to table 6A, product codes 3199011 to 3199098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Leather Goods, N.E.C., Industry in 1967 totaled $96.5 million. This included shipments of leather goods, n.e.c. (primary products), valued at $77.7 million, shipments of other products (secondary products) valued at $5.4 million, and miscellaneous receipts of $13.4 million.

This industry's shipments of leather goods, n.e.c. (primary products) in 1967 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent. Secondary products shipped by this industry in 1967 consisted mainly of sporting and athletic goods, n.e.c. ($3.8 million).

Industry 3199 shipments of leather goods, n.e.c. (primary products) in 1967 represented 86 percent (coverage ratio) of these products valued at $89.9 million shipped by all industries. In 1963, the coverage ratio was 82 percent. Other industries shipping leather goods, n.e.c. (primary products) consisted mainly of industry 2387, Apparel Belts, $2 to $5 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3199, these establishments accounted for 10.2 percent of payroll and 13.2 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3151.--LEATHER GLOVES AND MITTENS														
1967 Census	[3]147	71	6.3	22.4	5.6	9.9	17.9	36.3	49.3	86.7	0.8	14.2	90	84
1966 ASM[1]	(NA)	(NA)	7.4	25.1	6.5	11.5	20.4	37.0	54.1	89.6	*0.6	15.5	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	7.3	24.2	6.5	11.3	19.1	35.4	48.0	81.9	0.3	15.1	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	6.9	23.4	6.2	11.2	18.7	38.0	46.0	83.8	0.2	13.7	(NA)	(NA)
1963 Census	166	87	7.7	24.4	6.9	12.2	19.5	[4]32.2	46.7	[4]80.6	0.3	14.9	81	89
1962 ASM[1]	(NA)	(NA)	6.2	18.5	5.4	9.9	14.6	25.5	31.2	56.4	(Z)	12.8	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	6.8	20.1	6.1	10.7	16.2	30.1	35.1	64.5	(Z)	13.7	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	6.9	19.0	6.1	10.4	15.4	28.1	33.1	61.2	(S)	12.1	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	6.6	18.3	5.9	10.2	14.9	27.8	33.7	61.0	(S)	10.8	(NA)	(NA)
1958 Census[2]	179	76	6.2	16.0	5.5	9.2	12.7	26.0	28.3	54.2	0.3	9.5	85	86
INDUSTRY 3161.--LUGGAGE														
1967 Census	[3]333	156	21.4	96.6	18.4	34.2	69.4	186.0	155.2	334.2	8.8	45.3	96	94
1967 ASM[1]														
1966 ASM[1]	(NA)	(NA)	19.6	82.9	17.0	31.9	60.1	143.7	138.7	275.8	4.9	46.0	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	18.4	74.1	15.8	29.1	53.8	132.1	129.1	261.6	3.6	42.1	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	16.4	66.3	14.1	27.9	48.6	121.5	110.8	232.9	2.1	32.2	(NA)	(NA)
1963 Census	379	145	16.4	62.9	14.1	26.3	46.7	112.8	100.4	210.3	1.9	36.3	95	94
1962 ASM[1]	(NA)	(NA)	16.1	61.6	13.6	25.8	45.4	110.1	97.1	207.9	*1.7	38.6	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	15.9	57.0	13.6	25.6	43.2	97.9	89.1	186.2	*1.7	37.9	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	18.0	61.0	15.5	28.6	45.1	107.5	94.8	201.0	(S)	35.8	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	16.8	57.9	14.6	27.4	43.4	101.6	96.2	193.5	(S)	32.0	(NA)	(NA)
1958 Census[2]	428	159	15.9	54.7	13.7	25.1	40.3	96.6	88.2	184.7	1.5	28.2	95	95
INDUSTRY 3171.--WOMEN'S HANDBAGS AND PURSES														
1967 Census	[3]496	247	24.1	104.5	21.7	41.7	82.8	173.6	154.2	327.2	2.1	26.1	98	98
1966 ASM[1]	(NA)	(NA)	22.7	90.5	20.1	40.1	70.6	149.5	142.9	291.9	*2.9	21.3	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	22.9	86.1	20.1	38.7	68.7	137.3	134.4	271.0	*2.0	21.2	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	24.8	92.2	22.2	42.2	72.9	159.6	137.0	295.3	*1.6	21.3	(NA)	(NA)
1963 Census	545	262	24.5	88.5	22.0	41.8	70.1	142.6	137.1	280.3	1.9	18.8	98	98
1962 ASM[1]	(NA)	(NA)	24.0	81.2	21.7	41.3	66.6	134.1	128.6	263.4	1.3	17.3	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	23.6	76.6	21.2	39.5	61.6	127.3	130.5	259.4	1.1	16.6	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	23.2	74.0	20.7	39.0	58.6	127.7	130.0	258.4	1.1	18.5	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	23.9	73.2	21.2	40.0	57.4	122.5	134.3	257.8	(S)	19.2	(NA)	(NA)
1958 Census[2]	624	262	22.0	68.7	19.5	37.3	54.3	111.5	119.4	231.1	1.6	20.0	96	98
INDUSTRY 3172.--PERSONAL LEATHER GOODS														
1967 Census	[3]296	105	12.7	58.2	10.7	19.7	38.4	105.1	80.9	186.2	2.0	26.0	94	92
1966 ASM[1]	(NA)	(NA)	15.6	62.6	13.1	24.4	42.7	105.0	90.2	195.8	*2.2	28.5	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	14.0	54.8	11.7	22.0	36.9	98.6	80.2	175.5	1.6	27.4	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	11.9	49.1	10.0	19.3	33.1	88.3	79.7	166.0	*1.5	26.1	(NA)	(NA)
1963 Census	340	117	12.4	47.4	10.3	19.6	32.1	82.4	76.6	159.0	1.3	20.9	96	92
1962 ASM[1]	(NA)	(NA)	13.7	51.2	11.5	21.4	34.9	86.3	69.8	154.9	*1.8	19.8	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	13.4	48.0	11.4	21.2	32.5	81.0	64.6	144.6	*1.3	18.3	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	15.3	52.6	12.9	23.7	35.2	81.1	72.6	154.3	*5.6	20.4	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	15.1	52.0	12.7	23.7	35.3	82.3	72.7	153.4	*2.8	21.0	(NA)	(NA)
1958 Census[2]	400	123	13.7	46.5	11.5	21.4	31.9	75.8	62.5	138.1	1.4	19.0	91	87
INDUSTRY 3199.--LEATHER GOODS, N.E.C.														
1967 Census	[3]365	83	6.1	26.4	5.3	10.0	19.0	45.5	50.8	96.5	1.4	12.4	94	86
1966 ASM[1]	(NA)	(NA)	6.3	23.8	5.3	10.1	18.1	48.1	45.2	90.9	*1.1	11.6	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	5.9	21.4	5.1	9.5	16.0	38.8	43.7	81.1	*1.2	11.0	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	5.1	20.1	4.3	9.0	14.5	35.6	36.8	72.4	*0.8	9.0	(NA)	(NA)
1963 Census	370	67	5.0	18.7	4.2	8.5	13.7	32.7	34.8	67.1	0.8	9.5	94	82
1962 ASM[1]	(NA)	(NA)	5.1	20.4	4.2	8.6	14.3	36.9	35.1	72.0	*0.6	9.1	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	4.6	18.7	3.8	7.9	12.9	35.5	31.8	66.5	*0.7	8.7	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	5.2	18.5	4.3	9.7	13.6	34.3	32.1	66.4	(S)	8.4	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	5.7	19.2	4.9	9.3	14.0	34.0	31.1	64.5	(S)	8.8	(NA)	(NA)
1958 Census[2]	433	74	5.4	17.7	4.6	8.8	13.2	31.2	28.7	60.2	0.8	8.4	96	84

Note: In 1967, 1963, and 1958, the number of companies in industry 3151 was 136, 160, and 171, respectively; in industry 3161: 328, 377, and 428; industry 3171: 488, 539, and 611; industry 3172: 293, 325, and 399; industry 3199: 358, 365 and 429. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. (*) These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability. (Z) Under 50 thousand (or under 50 employees).

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

[3]Some of the small establishments in this industry may have been misclassified as to industry. This does not significantly affect the statistics other than the number of establishments or number of companies. (See paragraph in Introduction: "Industry Classification of Establishments" for further explanation.)

[4]See text regarding comparability of 1963 data with earlier year.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3151.--LEATHER GLOVES AND MITTENS								
1967 Census	3,534	89	1,766	1.80	.57	.83	5,720	62	3.66
1966 ASM	3,372	87	1,776	1.76	.60	.88	4,978	68	3.21
1965 ASM	3,321	89	1,739	1.70	.59	.88	4,851	68	3.14
1964 ASM	3,382	90	1,804	1.67	.55	.83	5,485	62	3.39
1963 Census	3,166	89	1,775	1.59	.58	.88	4,171	76	2.63
1962 ASM	3,010	88	1,824	1.48	.55	.88	4,139	73	2.58
1961 ASM	2,959	89	1,772	1.51	.54	.86	4,421	67	2.80
1960 ASM	2,752	88	1,707	1.48	.54	.85	4,066	68	2.70
1959 ASM	2,778	89	1,747	1.46	.55	.85	4,210	66	2.71
1958 Census	2,575	89	1,674	1.38	.52	.82	4,185	62	2.82
	INDUSTRY 3161.--LUGGAGE								
1967 Census	4,514	86	1,862	2.03	.46	.75	8,688	52	5.44
1966 ASM	4,219	87	1,875	1.89	.50	.80	7,317	58	4.51
1965 ASM	4,025	86	1,845	1.85	.49	.78	7,178	56	4.53
1964 ASM	4,040	86	1,976	1.74	.48	.76	7,402	55	4.35
1963 Census	3,830	86	1,864	1.77	.48	.78	6,874	56	4.28
1962 ASM	3,832	85	1,898	1.76	.47	.76	6,849	56	4.27
1961 ASM	3,581	86	1,878	1.69	.48	.78	6,149	58	3.82
1960 ASM	3,381	86	1,843	1.58	.47	.77	5,964	57	3.77
1959 ASM	3,445	87	1,874	1.58	.50	.80	6,039	57	3.71
1958 Census	3,451	87	1,832	1.60	.48	.77	6,090	57	3.84
	INDUSTRY 3171.--WOMEN'S HANDBAGS AND PURSES								
1967 Census	4,332	90	1,919	1.99	.47	.79	7,197	60	4.17
1966 ASM	3,995	89	1,995	1.76	.49	.80	6,596	61	3.72
1965 ASM	3,757	88	1,923	1.78	.50	.80	5,992	63	3.55
1964 ASM	3,719	90	1,895	1.73	.46	.78	6,439	58	3.79
1963 Census	3,603	90	1,898	1.68	.49	.80	5,807	62	3.41
1962 ASM	3,382	90	1,904	1.61	.49	.80	5,583	61	3.25
1961 ASM	3,248	90	1,869	1.56	.50	.80	5,395	60	3.22
1960 ASM	3,187	89	1,885	1.50	.50	.79	5,498	58	3.27
1959 ASM	3,063	89	1,892	1.43	.52	.81	5,121	60	3.06
1958 Census	3,125	89	1,915	1.46	.52	.81	5,077	62	2.99
	INDUSTRY 3172.--PERSONAL LEATHER GOODS								
1967 Census	4,577	84	1,848	1.95	.43	.75	8,261	55	5.32
1966 ASM	4,020	84	1,860	1.75	.46	.78	6,743	60	4.31
1965 ASM	3,902	83	1,890	1.67	.46	.77	7,026	56	4.48
1964 ASM	4,115	83	1,940	1.71	.48	.78	7,405	56	4.57
1963 Census	3,809	83	1,897	1.64	.48	.78	6,627	57	4.21
1962 ASM	3,732	84	1,852	1.63	.45	.78	6,285	59	4.04
1961 ASM	3,580	85	1,862	1.54	.45	.78	6,043	59	3.83
1960 ASM	3,437	85	1,831	1.48	.47	.81	5,299	65	3.42
1959 ASM	3,435	84	1,869	1.49	.47	.81	5,433	63	3.46
1958 Census	3,404	84	1,856	1.49	.45	.79	5,550	61	3.54
	INDUSTRY 3199.--LEATHER GOODS, N.E.C.								
1967 Census	4,355	87	1,893	1.90	.53	.80	7,493	58	4.56
1966 ASM	3,790	84	1,921	1.78	.50	.76	7,652	50	4.74
1965 ASM	3,630	86	1,869	1.69	.54	.80	6,566	55	4.09
1964 ASM	3,931	84	2,092	1.60	.51	.78	6,980	56	3.95
1963 Census	3,757	84	2,021	1.61	.52	.80	6,560	57	3.85
1962 ASM	3,989	83	2,045	1.66	.49	.77	7,234	55	4.28
1961 ASM	4,091	84	2,055	1.63	.48	.76	7,795	52	4.51
1960 ASM	3,555	83	2,224	1.41	.48	.76	6,583	54	3.56
1959 ASM	3,456	86	1,902	1.50	.48	.78	5,933	56	3.65
1958 Census	3,266	86	1,899	1.50	.48	.77	5,777	57	3.56

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
3151-- LEATHER GLOVES AND MITTENS													
UNITED STATES	147	71	6.3	22.4	5.6	9.9	17.9	36.3	49.3	86.7	.8	7.7	32.2
NORTHEAST REGION	72	29	3.0	11.0	2.6	4.5	8.4	18.0	28.7	47.0	.1	4.1	16.3
MIDDLE ATLANTIC DIVISION	70	27	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	68	26	2.9	103	2.5	4.3	7.9	17.4	27.2	44.9	.1	3.9	15.5
NORTH CENTRAL REGION	44	29	2.4	8.5	2.1	3.9	6.8	12.4	15.7	28.8	(D)	2.8	11.5
EAST NORTH CENTRAL DIVISION	35	22	1.9	6.7	1.7	3.0	5.5	9.9	11.9	22.5	.1	2.2	8.9
INDIANA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	7	6	.6	1.9	.5	.9	1.7	2.7	3.7	7.3	(Z)	.6	1.9
MICHIGAN	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	19	9	.8	2.8	.7	1.3	2.2	3.7	5.3	9.0	.1	1.2	4.6
WEST NORTH CENTRAL DIVISION	9	7	.5	1.8	.4	.8	1.4	2.5	3.8	6.3	(D)	.5	2.6
IOWA	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	1.8
MISSOURI	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	10	8	.6	2.0	.6	1.1	1.8	4.0	3.4	7.3	(D)	.5	2.3
EAST SOUTH CENTRAL DIVISION	5	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	21	5	.3	.9	.2	.4	.8	2.0	1.6	3.6	(D)	.4	2.1
PACIFIC DIVISION	19	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	9	4	.2	.6	.1	.2	.5	1.0	.9	1.9	(Z)	.2	.9
3161-- LUGGAGE													
UNITED STATES	333	156	21.4	96.6	18.4	34.2	69.4	186.0	155.2	334.2	8.8	16.4	112.8
NORTHEAST REGION	183	93	9.4	41.3	8.0	14.5	29.0	81.7	73.9	154.8	1.0	8.1	52.3
NEW ENGLAND DIVISION	26	11	1.7	8.1	1.4	2.5	5.1	18.7	15.8	34.5	.2	1.4	11.7
NEW HAMPSHIRE	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS[e]	17	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	2.3
RHODE ISLAND	5	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	157	82	7.6	33.2	6.6	12.0	23.9	63.0	58.0	120.3	.8	6.7	40.6
NEW YORK	109	56	5.2	22.0	4.5	8.0	15.8	43.7	37.2	80.2	(D)	3.9	24.2
NEW JERSEY	27	15	1.7	7.9	1.5	2.9	6.0	13.1	13.5	26.5	(D)	1.9	11.1
PENNSYLVANIA	21	11	.8	3.4	.6	1.1	2.1	6.2	7.4	13.6	.1	.9	5.3
NORTH CENTRAL REGION	82	33	3.4	14.4	3.1	6.0	11.2	21.0	22.0	43.1	(D)	2.7	15.4
EAST NORTH CENTRAL DIVISION	71	25	2.3	10.0	2.0	3.9	7.5	13.8	15.4	29.3	(D)	1.9	10.5
OHIO	9	2	.2	.9	.2	.3	.6	1.6	1.1	2.7	(Z)	.2	1.1
INDIANA	7	7	.4	1.8	.3	.6	1.3	2.1	2.7	4.9	(D)	.3	1.2
ILLINOIS [e]	38	12	1.4	5.7	1.2	2.3	4.4	7.6	10.0	17.7	(D)	1.1	6.4
WISCONSIN[e]	12	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.2
WEST NORTH CENTRAL DIVISION	11	8	1.1	4.4	1.0	2.1	3.7	7.2	6.6	13.8	(D)	.9	4.9
MISSOURI	8	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	4.2
SOUTH REGION	30	18	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.3	16.3
SOUTH ATLANTIC DIVISION	14	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	10.6
DELAWARE	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MARYLAND	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	7	4	.9	3.7	.8	1.5	2.3	8.2	9.4	17.1	.3	.6	4.0
TENNESSEE	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	9	5	.4	1.8	.4	.8	1.4	3.1	2.3	5.4	.1	.3	1.7
TEXAS	8	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	38	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.3	28.8
MOUNTAIN DIVISION	5	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
COLORADO	5	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	33	10	.8	4.2	.7	1.4	3.1	7.6	5.9	13.4	.1	(D)	(D)
WASHINGTON	5	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	28	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3171-- WOMEN'S HANDBAGS AND PURSES													
UNITED STATES	496	247	24.1	104.5	21.7	41.7	82.8	173.6	154.2	327.2	2.1	24.5	142.6
NORTHEAST REGION	408	212	20.5	89.1	18.5	35.7	71.5	148.8	133.5	281.9	1.6	21.6	126.9
NEW ENGLAND DIVISION	21	12	1.6	6.7	1.4	2.6	5.2	11.4	7.7	19.2	.1	2.0	9.5
VERMONT	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	16	9	1.1	4.7	.9	1.7	3.7	8.3	4.6	12.8	.1	1.1	6.1
CONNECTICUT	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	387	200	18.9	82.4	17.1	33.1	66.3	137.4	125.8	262.7	1.5	19.6	117.4
NEW YORK	334	161	14.0	61.1	12.5	23.9	48.5	101.1	94.6	195.3	1.2	14.7	88.8
NEW JERSEY	36	24	3.4	15.6	3.2	6.3	12.8	26.5	23.1	49.4	(D)	3.6	22.0
PENNSYLVANIA	17	15	1.5	5.7	1.4	2.9	5.0	9.8	8.2	18.1	(D)	1.4	6.5
NORTH CENTRAL REGION	21	10	1.3	5.6	1.1	2.1	4.0	7.6	7.7	15.2	(D)	1.1	6.1
WEST NORTH CENTRAL DIVISION	14	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	13	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	39	14	1.4	5.5	1.3	2.5	4.2	10.2	8.6	18.7	.4	1.0	4.4
SOUTH ATLANTIC DIVISION	17	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
GEORGIA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	14	7	.6	2.0	.5	.9	1.6	4.0	3.0	7.0	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	11	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	7	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	11	4	.2	1.0	.2	.4	.6	2.0	2.1	4.0	(Z)	(D)	(D)
TEXAS	10	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	28	11	.9	4.4	.7	1.4	3.1	7.0	4.4	11.4	(D)	.9	5.1
PACIFIC DIVISION	26	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	22	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3172-- PERSONAL LEATHER GOODS													
UNITED STATES	296	105	12.7	58.2	10.7	19.7	38.4	105.1	80.9	186.2	2.0	12.4	82.4
NORTHEAST REGION [e]	206	81	8.6	38.2	7.3	13.5	26.1	66.2	54.7	121.9	1.5	8.8	57.1
NEW ENGLAND DIVISION [e]	39	18	2.2	11.3	1.7	3.1	6.6	19.3	16.2	36.1	.6	1.9	13.8
MASSACHUSETTS [e]	21	10	1.8	9.5	1.4	2.4	5.3	16.1	13.6	30.3	.5	1.4	11.5
RHODE ISLAND [e]	11	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	167	63	6.4	26.9	5.6	10.4	19.5	46.8	38.5	85.8	.9	6.9	43.4
NEW YORK	137	48	4.1	17.5	3.6	6.6	12.8	32.4	26.5	59.4	.7	5.2	32.9
NEW JERSEY	24	12	1.9	7.7	1.6	3.0	5.5	11.8	10.3	22.0	(D)	1.4	8.4
PENNSYLVANIA	6	3	.4	1.6	.4	.8	1.3	2.6	1.8	4.4	(D)	.4	2.0
NORTH CENTRAL REGION	43	16	3.2	16.2	2.6	4.8	9.6	31.9	21.4	52.7	(D)	2.7	20.9
EAST NORTH CENTRAL DIVISION	36	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	8	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	18	8	.7	3.0	.6	1.1	2.2	5.8	4.8	10.4	(D)	.7	4.9
WISCONSIN	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	7	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MINNESOTA [e]	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	17	5	.6	2.0	.5	.9	1.5	3.9	2.5	6.3	(Z)	.7	3.0
SOUTH ATLANTIC DIVISION	7	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
FLORIDA	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	.9
WEST SOUTH CENTRAL DIVISION	8	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OKLAHOMA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	30	3	.3	1.8	.3	.5	1.2	3.1	2.2	5.3	(D)	.2	1.4
PACIFIC DIVISION	27	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	24	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3199-- LEATHER GOODS, NEC													
UNITED STATES	365	83	6.1	26.4	5.3	10.0	19.0	45.5	50.8	96.5	1.4	5.0	32.7
NORTHEAST REGION	151	36	2.2	10.4	1.9	3.6	7.2	17.8	17.9	35.5	.6	2.0	13.3
NEW ENGLAND DIVISION	29	6	.4	1.5	.3	.5	.9	3.0	2.7	5.6	.3	.5	3.3
MASSACHUSETTS	23	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	2.2
MIDDLE ATLANTIC DIVISION	122	30	1.8	8.9	1.6	3.1	6.3	14.9	15.2	29.9	.3	1.5	10.0
NEW YORK	98	25	1.5	7.6	1.3	2.7	5.3	12.7	12.4	25.0	(D)	1.2	8.3
PENNSYLVANIA	14	4	.2	1.0	.2	.4	.7	1.7	2.3	3.9	(D)	.2	1.4
NORTH CENTRAL REGION	61	16	1.1	5.0	1.0	1.8	3.4	8.4	8.1	16.4	.2	.8	5.1
EAST NORTH CENTRAL DIVISION	43	11	.8	3.7	.7	1.3	2.4	6.0	6.0	12.0	.1	.6	4.2
ILLINOIS	20	9	.6	3.0	.6	1.0	1.9	4.7	4.8	9.5	.1	.5	3.0
WEST NORTH CENTRAL DIVISION	18	5	.3	1.4	.3	.5	.9	2.4	2.1	4.4	(Z)	.2	.9
SOUTH REGION	78	18	2.1	7.7	1.9	3.5	6.1	13.1	18.9	32.4	.3	1.7	10.5
SOUTH ATLANTIC DIVISION	22	7	1.0	3.5	.9	1.6	2.9	5.3	7.7	13.2	.1	.7	3.7
MARYLAND	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	7	3	.3	1.4	.3	.6	1.1	2.0	2.0	3.9	(Z)	.4	2.1
EAST SOUTH CENTRAL DIVISION	18	7	.8	3.0	.7	1.3	2.3	5.2	7.8	13.2	.1	.5	3.9
TENNESSEE	14	6	.7	2.6	.6	1.1	2.0	4.9	6.6	11.7	(D)	.4	3.3
WEST SOUTH CENTRAL DIVISION	38	4	.3	1.2	.3	.5	.9	2.5	3.4	6.1	(Z)	.4	2.9
TEXAS	29	4	.2	1.0	.2	.4	.8	2.1	2.9	5.1	(Z)	.4	2.4
WEST REGION	75	13	.7	3.3	.6	1.1	2.3	6.2	5.9	12.2	.3	.6	3.9
MOUNTAIN DIVISION	23	7	.3	1.3	.2	.4	.8	2.6	2.2	4.9	(Z)	(D)	(D)
COLORADO	12	5	.2	.9	.1	.2	.6	1.9	1.7	3.6	(Z)	.2	1.3
PACIFIC DIVISION	52	6	.4	2.1	.4	.7	1.4	3.6	3.7	7.3	.2	(D)	(D)
CALIFORNIA	42	6	.4	1.9	.4	.7	1.3	3.2	3.4	6.6	.2	.3	2.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Leather gloves and mittens (SIC 3151)	Luggage (SIC 3161)	Women's handbags and purses (SIC 3171)	Personal leather goods (SIC 3172)	Leather goods n.e.c. (SIC 3199)
PRIMARY PRODUCT SPECIALIZATION RATIO[1] . . . . PERCENT	.90	.96	.98	.94	.94
COVERAGE RATIO[2] . . . . . .DO	.84	.94	.98	.92	.86
ESTABLISHMENTS, TOTAL . . . . . .NUMBER	147	333	496	296	365
WITH 1 TO 19 EMPLOYEES . . . . . .DO	76	177	249	191	282
WITH 20 TO 99 EMPLOYEES . . . . . .DO	52	104	171	73	76
WITH 100 EMPLOYEES OR MORE . . . . . .DO	19	52	76	32	7
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	6.3	21.4	24.1	12.7	6.1
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	22.4	96.6	104.5	58.2	26.4
PRODUCTION WORKERS:					
AVERAGE FOR YEAR 1,000	5.6	18.4	21.7	10.7	5.3
MARCH . . . . . .DO	5.6	17.7	21.6	9.9	5.1
MAY . . . . . .DO	5.5	18.2	19.5	10.2	5.3
AUGUST . . . . . .DO	5.8	19.0	22.4	10.9	5.4
NOVEMBER . . . . . .DO	5.7	18.6	23.4	11.8	5.4
MAN-HOURS . . . . . .MILLIONS	9.9	34.2	41.7	19.7	10.0
JANUARY-MARCH . . . . . .DO	2.4	8.2	10.6	4.6	2.4
APRIL-JUNE . . . . . .DO	2.5	8.5	9.5	4.6	2.5
JULY-SEPTEMBER . . . . . .DO	2.5	8.8	10.4	4.9	2.5
OCTOBER-DECEMBER . . . . . .DO	2.6	8.7	11.1	5.6	2.6
WAGES . . . . . MILLION DOLLARS	17.9	69.4	82.8	38.4	19.0
COST OF MATERIALS, ETC., TOTAL . . . . . .DO	49.3	155.2	154.2	80.9	50.8
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . .DO	33.9	143.9	137.8	71.7	43.7
COST OF RESALES . . . . . .DO	11.9	7.6	4.7	6.6	6.2
FUELS CONSUMED . . . . . .DO	.1	.5	.3	.2	.1
PURCHASED ELECTRIC ENERGY . . . . . .DO	.2	1.1	1.0	.6	.3
CONTRACT WORK . . . . . .DO	3.3	2.0	10.4	1.9	.5
VALUE OF SHIPMENTS, INCLUDING RESALES . . . . .DO	86.7	334.2	327.2	186.2	96.5
VALUE OF RESALES . . . . . .DO	16.1	10.0	6.4	9.4	8.3
VALUE ADDED BY MANUFACTURE . . . . . .DO	36.3	186.0	173.6	105.1	45.5
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL . . . . . .DO	15.3	37.8	24.9	26.5	12.2
FINISHED PRODUCTS . . . . . .DO	7.9	17.2	11.2	12.1	6.0
WORK IN PROCESS . . . . . .DO	2.8	5.2	4.7	4.0	1.9
MATERIALS, SUPPLIES, FUEL, ETC. . . . . .DO	4.6	15.4	9.0	10.5	4.3
END OF YEAR, TOTAL . . . . . .DO	14.2	45.3	26.1	26.0	12.4
FINISHED PRODUCTS . . . . . .DO	6.5	23.5	11.4	11.9	6.0
WORK IN PROCESS . . . . . .DO	3.2	5.8	5.0	3.8	1.7
MATERIALS, SUPPLIES, FUEL, ETC. . . . . .DO	4.5	16.0	9.6	10.3	4.7
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . .DO	.9	9.2	2.7	2.2	1.5
NEW PLANT AND EQUIPMENT, TOTAL . . . . . .DO	.8	8.8	2.1	2.0	1.4
NEW STRUCTURES AND ADDITIONS TO PLANT . . . .DO	.5	4.9	.4	.3	.4
NEW MACHINERY AND EQUIPMENT . . . . . .DO	.3	4.1	1.7	1.7	1.0
USED PLANT AND EQUIPMENT . . . . . .DO	.1	3.9	.5	.1	(Z)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3151-- LEATHER GLOVES AND MITTENS											
ESTABLISHMENTS, TOTAL	147	6.3	22.4	5.6	9.9	17.9	36.3	49.3	86.7	.8	14.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	32	(Z)	.2	(Z)	.1	.1	.5	.6	1.1	(Z)	.2
5 TO 9 EMPLOYEES[e]	20	.1	.5	.1	.2	.4	1.4	2.0	3.5	(D)	.5
10 TO 19 EMPLOYEES	24	.3	1.0	.3	.5	.9	1.7	1.8	3.6	(Z)	.5
20 TO 49 EMPLOYEES	27	.9	3.1	.8	1.5	2.6	5.6	5.3	10.9	.1	1.6
50 TO 99 EMPLOYEES	25	1.7	6.1	1.6	2.7	5.0	8.9	12.4	21.3	.5	3.5
100 TO 249 EMPLOYEES	18	3.2	11.6	2.8	5.0	8.9	18.2	27.4	46.3	.1	7.7
250 TO 499 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	54	.3	.8	.3	.4	.7	1.8	1.8	3.6	(Z)	.6
3161-- LUGGAGE											
ESTABLISHMENTS, TOTAL	333	21.4	96.6	18.4	34.2	69.4	186.0	155.2	334.2	8.8	45.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	85	.1	.6	.1	.2	.5	1.6	1.4	3.0	(Z)	(Z)
5 TO 9 EMPLOYEES[e]	39	.3	1.1	.3	.5	1.0	2.1	1.8	3.9	(D)	.1
10 TO 19 EMPLOYEES	53	.7	3.5	.7	1.3	2.8	6.0	5.1	11.1	.1	.3
20 TO 49 EMPLOYEES	67	2.0	8.9	1.8	3.2	6.8	15.7	13.1	28.7	.3	.8
50 TO 99 EMPLOYEES	37	2.6	10.9	2.3	4.5	8.6	18.8	17.7	36.8	.5	1.6
100 TO 249 EMPLOYEES	38	5.8	24.6	5.0	9.3	17.2	44.5	42.7	86.9	.7	10.4
250 TO 499 EMPLOYEES	7	2.1	8.2	1.9	3.5	6.1	14.5	16.8	30.9	.4	4.4
500 TO 999 EMPLOYEES	5	7.8	38.8	6.3	11.7	26.5	82.8	56.7	132.9	6.7	27.7
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	108	.4	1.4	.4	.6	1.2	3.1	2.8	5.9	(Z)	.1
3171-- WOMEN'S HANDBAGS AND PURSES											
ESTABLISHMENTS, TOTAL	496	24.1	104.5	21.7	41.7	82.8	173.6	154.2	327.2	2.1	26.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	113	.2	.9	.2	.3	.7	2.0	2.5	4.5	(Z)	.3
5 TO 9 EMPLOYEES	56	.4	1.6	.4	.6	1.4	2.7	2.1	4.8	(D)	.3
10 TO 19 EMPLOYEES	80	1.1	5.0	1.0	1.8	4.0	8.7	6.5	15.2	.1	.8
20 TO 49 EMPLOYEES	99	3.1	14.5	2.8	5.3	11.1	25.7	24.3	50.1	.4	4.1
50 TO 99 EMPLOYEES	72	4.9	21.0	4.4	8.4	16.8	35.0	31.4	66.2	.3	5.1
100 TO 249 EMPLOYEES	60	9.1	38.0	8.2	15.9	30.2	61.2	52.0	112.9	.8	9.1
250 TO 499 EMPLOYEES	15	5.4	23.4	4.8	9.3	18.8	38.4	35.3	73.5	.6	6.4
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	158	.6	2.4	.6	1.0	2.1	4.4	3.3	7.7	(Z)	.5
3172-- PERSONAL LEATHER GOODS											
ESTABLISHMENTS, TOTAL	296	12.7	58.2	10.7	19.7	38.4	105.1	80.9	186.2	2.0	26.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	104	.2	.8	.2	.3	.6	1.9	2.0	3.9	(Z)	.5
5 TO 9 EMPLOYEES	41	.3	1.2	.3	.5	.9	2.2	2.3	4.4	(D)	.5
10 TO 19 EMPLOYEES	46	.6	3.2	.5	1.0	2.2	5.8	4.0	9.7	.1	1.0
20 TO 49 EMPLOYEES	52	1.7	7.0	1.5	2.8	5.2	12.7	11.1	23.8	.4	2.2
50 TO 99 EMPLOYEES	21	1.5	7.3	1.2	2.4	4.9	12.6	9.9	22.6	.4	3.7
100 TO 249 EMPLOYEES	24	4.3	17.2	3.7	6.7	12.7	30.7	24.1	54.6	.6	6.6
250 TO 499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	8	4.2	21.6	3.2	6.0	12.0	39.2	27.6	67.1	.6	11.6
1,000 TO 2,499 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	131	.4	1.7	.4	.7	1.3	3.4	3.6	7.0	(Z)	.9
3199-- LEATHER GOODS, NEC											
ESTABLISHMENTS, TOTAL	365	6.1	26.4	5.3	10.0	19.0	45.5	50.8	96.5	1.4	12.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	171	.3	1.1	.3	.5	.8	2.7	2.4	5.1	(Z)	.6
5 TO 9 EMPLOYEES	59	.4	1.7	.4	.8	1.3	3.5	3.9	7.5	.1	.9
10 TO 19 EMPLOYEES	52	.7	3.4	.6	1.2	2.3	5.5	6.5	12.0	.2	1.7
20 TO 49 EMPLOYEES	55	1.7	7.4	1.5	2.8	5.4	12.8	11.6	24.3	.6	3.2
50 TO 99 EMPLOYEES	21	1.4	6.8	1.2	2.3	4.5	10.8	12.2	22.8	.3	2.9
100 TO 249 EMPLOYEES	6	1.6	6.1	1.4	2.4	4.5	10.3	14.3	24.7	.3	3.2
250 TO 499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
1,000 TO 2,499 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	216	.7	2.7	.7	1.3	2.1	6.0	5.4	11.4	.1	1.5

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above.

[e] For 1967, over 30 percent of the data for this line was estimated. - Represents zero. (X) Not applicable. (Z) Under 50 thousand (or under 50 employees.)

[1] Report forms were not mailed to companies that operated only one establishment and which Social Security paryolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3151	Leather gloves and mittens	1967	86.7	61.6	6.6	18.5	90	73.3	61.6	11.7	84
		1963	80.6	55.4	13.2	12.0	81	61.9	55.4	6.5	89
3161	Luggage	1967	334.2	308.5	13.7	12.0	96	320.1	308.5	11.6	94
		1963	210.3	191.6	10.5	8.3	95	204.8	191.6	13.2	94
3171	Women's handbags and purses	1967	327.2	304.9	7.5	14.8	98	312.1	304.9	7.2	98
		1963	280.3	261.3	6.6	12.5	98	266.1	261.3	4.8	98
3172	Personal leather goods	1967	186.2	163.9	10.4	11.9	94	178.9	163.9	15.0	92
		1963	159.0	141.2	6.3	11.5	96	154.3	141.2	13.1	92
3199	Leather goods, n.e.c.	1967	96.5	77.7	5.4	13.4	94	89.9	77.7	12.2	86
		1963	67.1	55.1	3.7	8.2	94	67.1	55.1	11.9	82

Note: See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Item	All industries	Leather gloves and mittens (SIC 3151)	Luggage (SIC 3161)	Women's handbags and purses (SIC 3171)	Personal leather goods (SIC 3172)	Leather goods, n.e.c. (SIC 3199)	Other industries
	Total shipments and miscellaneous receipts	(X)	86.7	334.2	327.2	186.2	96.5	(X)
3151-	Leather gloves and mittens	73.3	61.6	-	-	-	-	11.7
3161-	Luggage	320.1	-	308.5	(under 2)	3.8	(under 2)	7.5
3171-	Women's handbags and purses	312.1	(under 2)	(under 2)	304.9	2.2	(Z)	3.4
3172-	Personal leather goods	178.9	(Z)	(under 2)	2.4	163.9	0.4	(10-20)
3199-	Leather goods, n.e.c	89.9	(Z)	1.4	(under 2)	(under 2)	77.7	9.7
	Other product shipments by 4-digit product group							
2381-	Fabric dress and work gloves	(X)	6.0	-	-	-	-	(X)
3949-	Sporting and athletic goods, n.e.c	(X)	-	(over 2)	-	-	3.8	(X)
	Other secondary products	(X)	(under 2)	(5-10)	4.8	(2-5)	(under 2)	(X)
	Miscellaneous receipts	(X)	18.5	12.0	14.8	11.9	13.4	(X)
99989	Resales	(X)	16.1	10.0	6.4	9.4	8.3	(X)
99980	Other, including contract and commission receipts	(X)	2.4	2.0	8.4	2.5	5.1	(X)
	Listing of the other industries with over $2 million shipments of the primary products							
3151-	2381 Fabric dress and work gloves	(X)	(X)	(X)	(X)	(X)	(X)	10.6
3161-	3069 Fabricated rubber products	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
3172-	3851 Ophthalmic goods	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
3199-	2387 Apparel belts	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)

Note: Data shown parenthetically are ranges expressed in millions of dollars.

Standard notes: - Represents zero. (X) Not applicable. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees.)

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 dozen pairs)	Value (million dollars)	Quantity (1,000 dozen pairs)	Value (million dollars)
3151- --	LEATHER GLOVES AND MITTENS, TOTAL[1]	3,027	73.3	2,720	62.0
	As reported in the census of manufacturers, total	945	32.2	1,142	35.6
31510 10	Men's and boys' dress and semidress	945	32.2	819	23.8
31510 50	Women's and children's dress and semidress			323	11.8
	As reported on census annual Form MA-23D[2]	937	33.2	1,074	(X)
31510 70	All leather work gloves and mittens, including fur:				
	As reported in the census of manufacturers	1,739	32.8	1,417	22.7
	As reported on census annual Form MA-23D[2]	1,739	36.0	1,553	(X)
31510 00	Leather gloves and mittens, n.s.k. (For companies with 10 or more employees. See Note.)	[3]198	4.8	[3]161	3.7
31510 02	Leather gloves and mittens, n.s.k. (For companies with less than 10 employees. See Note.)	[3]145	3.5		

		1967 shipments		1963 production
		Quantity (1,000 dozen pairs)	Value (million dollars)	(1,000 dozen pairs)
	AS REPORTED ANNUALLY ON CENSUS FORM MA-23D, GLOVES AND MITTENS			
	All leather dress and semidress gloves and mittens, total	937	33.2	1,074
	Block cut:			
31510 14	Men's and boys'	469	(X)	614
31510 54	Women's and children's	116	(X)	124
	Other than block cut:			
31510 17	Men's and boys'	216	(X)	166
31510 57	Women's and children's	136	(X)	170
	All leather work gloves and mittens, total	1,739	36.0	1,553
31510 81	All grain, except welders	1,120	(X)	1,002
31510 83	All split, except welders	358	(X)	310
31510 89	Leather, except all grain and all split (including welders)	261	(X)	241

	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3161- --	LUGGAGE, TOTAL[4]	.....	(X)	320.1	(X)	204.8
	Women's hand luggage (except zippered luggage):					
	As reported in the census of manufactures	1,000 units...	[5]11,098	[5]100.4	[5] [6]8,873	[5] [6]72.4
31610 16	Hard side (except molded)	...do.....	4,885	35.5	5,090	25.6
31610 18	Soft side (lock construction)	...do.....	1,931	24.0	685	8.4
31610 24	Molded, all types	...do.....	4,282	40.9	2,959	36.7
	As reported on Census monthly Form M31E	...do.....	[3] [7]11,589	[5]95.1	[5]7,975	[5]64.8
	Overnight, weekend, traincases, pullman, hat and shoe, wardrobe, overseas, and hatboxes:					
31610 15	Hard side (except molded)	...do.....	4,949			
31610 17	Soft side (lock construction)	...do.....	1,914	95.1	7,975	[5]64.8
31610 22	Molded, all types	...do.....	4,194			
	Men's hand luggage (except zippered luggage):					
	As reported in the census of manufactures	...do.....	3,097	46.2	1,802	24.8
	As reported on Census monthly Form M31E	...do.....	3,362	49.0	1,641	22.6
31610 35	Hard side (except molded):					
	As reported in the census of manufactures	...do.....	711	9.5	638	5.8
	As reported on Census monthly Form M31E	...do.....	891	(NA)	1,492	(NA)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3161- --	LUGGAGE--Continued					
	Men's hand luggage (except zippered luggage)--Continued					
	As reported on Census monthly Form M31E--Continued					
31610 37	Soft side (lock construction):					
	As reported in the census of manufactures	1,000 units...	915	11.8	219	3.8
	As reported on Census monthly Form M31E	...do...	853	(NA)	149	(NA)
31610 32	Molded, all types:					
	As reported in the census of manufactures	...do...	1,489	25.2	945	15.2
	As reported on Census monthly Form M31E	...do...	1,618	(NA)	(8)	(8)
	Zippered hand luggage, men's and women's:					
31610 39	As reported in the census of manufactures	...do...	11,810	57.8	6,313	30.8
	As reported on Census monthly Form M31E	...do...	8,381	35.7	5,076	29.3
31610 53	Occupational luggage cases, sample cases, binocular and camera cases	...do...	e1,979	12.0	1,226	7.3
	Trunks, hand trunks, and lockers:					
31610 63	As reported in the census of manufactures	...do...	e1,040	7.3	961	6.0
	As reported on Census monthly Form M31E	...do...	1,579	9.7	963	6.3
	Brief bags, briefcases, schoolbags, envelopes, and zippered ring binders, and catalog cases:					
31610 73	As reported in the census of manufactures	...do...	e3,750	21.0	4,666	15.0
	As reported on Census monthly Form M31E	...do...	2,390	829.6	4,309	819.8
	Brief bags:					
31610 71	Split leather	...do...	29		278	
31610 72	Top grain leather	...do...	55		142	
31610 74	Imitation leather	...do...	634		882	
				(NA)		(NA)
31610 75	Envelopes (under arm cases and portfolios), and zippered ring binders	...do...	390		756	
31610 77	Catalog cases	...do...	161		70	
31610 78	School bags	...do...	1,121	(X)	2,181	2.8
	Attaché cases:					
	As reported in the census of manufactures	...do...	3,007	21.4	2,002	14.8
31610 83	Molded	...do...	e1,288	13.2	2,002	14.8
31610 85	Other than molded	...do...	e1,669	8.1		
	As reported on Census monthly Form M31E	...do...	2,714	(9)	1,269	(9)
31610 81	Musical instrument cases	1,000 units...	e1,341	10.7	1,429	6.6
31610 98	Other luggage	.....	(X)	11.6	(X)	11.7
31610 00	Luggage, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	25.8	(X)	15.6
31610 02	Luggage, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	5.9		
3171- --	WOMEN'S HANDBAGS AND PURSES, TOTAL	.....	(X)	312.1	(X)	266.1
31710 11	All leather and chiefly leather	Million units.	15.4	93.6	14.7	67.6
31710 51	Plastic or chiefly plastic	...do...	60.2	147.4	70.6	140.6
31710 71	Other materials, except precious metals	...do...	6.6	23.3	10.3	30.9
31710 00	Ladies' and children's handbags and purses, n.s.k. (Represents companies with 10 or more employees.)	.....	(X)	40.1	(X)	26.9
31710 02	Ladies' and children's handbags and purses, n.s.k. (Represents companies with less than 10 employees.)	.....	(X)	7.7		

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 units)	Value (million dollars)	Quantity (1,000 units)	Value (million dollars)
3172- --	LEATHER GOODS, TOTAL	(X)	178.9	(X)	154.3
31720 --	Personal leather goods, except handbags and purses:				
	Billfolds, wallets, and French purses and clutches:[1]				
	As reported in the census of manufactures	39,551	83.1	46,207	68.6
	As reported on Census monthly Survey M31E	43,112	102.1	33,127	56.9
	Leather:				
31720 11	As reported in the census of manufactures	32,297	76.1	32,109	58.2
	As reported on Census monthly Survey M31E	35,965	(NA)	29,277	(X)
	Other than leather (plastic, fiber, etc.):				
31720 15	As reported in the census of manufactures	7,254	7.0	14,098	10.4
	As reported on Census monthly Survey M31E	7,147	(NA)	3,850	(X)
	Travel kits (fitted and unfitted):[1]				
31720 31	As reported in the census of manufactures	4,390	12.1	2,467	7.1
	As reported on Census monthly Survey M31E	4,093	10.9	2,278	6.0
	Jewelry boxes and cases, and instrument cases, except musical instrument cases, total	(NA)	25.2	31,731	25.7
31720 53	Jewelry boxes and cases	(NA)	22.3	29,235	19.8
31720 55	Instrument cases, except musical instrument cases	647	2.9	2,496	5.9
	Other personal goods (key cases, cigarette cases, vanity cases, clutches, secretaries, pass cards, tobacco pouches, cosmetic bags, etc.):				
31720 98	As reported in the census of manufactures	(X)	39.5	(X)	41.2
	As reported on Census monthly Survey M31E	(X)	35.6	(X)	28.2
31720 00	Small leather goods, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	12.0	(X)	11.7
31720 02	Small leather goods, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	7.0		

Product code	Product	Value of shipments including interplant transfers (million dollars)	
		1967	1963
3199- --	LEATHER GOODS, N.E.C., TOTAL[1]	89.9	67.1
31990 11	Leather novelties	16.8	13.2
31990 31	Saddlery and harness and accouterments	26.4	21.4
31990 98	Other leather goods (desk sets, holsters, dog collars, leashes, etc.)	21.2	21.0
31990 00	Leather goods, n.s.k. (Represents companies with 10 or more employees. See Note.)	14.1	11.6
31990 02	Leather goods, n.s.k. (Represent companies with less than 10 employees. See Note.)	11.4	

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [6]From 10 to 30 percent of this figure was estimated.

[1]Includes only all leather gloves and mittens. Leather and fabric combinations are classified in industry 2381, Fabric Dress and Work Gloves.

[2]For 1963, the quantity data reported on census annual Form MA-23D, Gloves and Mittens, represent quantity produced rather than quantity shipped.

[3]Quantity estimated based on the average unit value reported by other glove producing companies reporting both quantity and value of shipments.

[4]The reasons for the differences between the data collected in the census of manufactures and the current monthly survey M31E are discussed in the text.

[5]For both 1963 and 1967 data collected in the census of manufactures are not completely comparable to those collected on the census monthly survey M31E to the extent that vanity cases are included in the monthly survey data but are classified in industry 3172, Small Leather Goods, in the census of manufactures.

[6]For 1963, includes 139 thousand other women's hand luggage, including cosmetic cases, etc., but excluding vanity cases, valued at $1.6 million. These data were not collected separately for 1967 and are included in the detail shown for women's hand luggage.

[7]Includes shipments of 532 thousand other women's hand luggage including cosmetic cases, etc., excluding vanity cases. Comparable value figures were not collected separately and are included in the total. It should be noted that the quantity figures for this product were withheld from the monthly publication (M31E) and may be of limited reliability.

[8]For 1963, figures for men's molded hand luggage were not collected separately but were included with men's hard side and soft side hand luggage.

[9]Value for attaché cases were not collected separately but are included with "Brief bags, briefcases, shoolbags, envelopes and zippered ring binder and catalog cases."

[10]The products of this industry only include leather goods that are not classified in other industries. (See Text.)

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
DRESS AND WORK GLOVES AND MITTENS, ALL LEATHER (31510)		
United States	73.2	61.9
Northeast Region	29.3	29.9
Middle Atlantic Div	FF	(D)
New York	27.7	28.3
North Central Region	27.7	22.4
East North Central Div	22.1	17.6
Ohio	1.7	(D)
Indiana	AA	(1)
Illinois	8.0	5.5
Michigan	BB	(1)
Wisconsin	8.6	8.1
West North Central Div	5.6	4.8
Minnesota	1.0	(1)
Iowa	2.3	2.7
Missouri	2.2	(D)
DRESS AND WORK GLOVES AND MITTENS, ALL LEATHER (31510)--Continued		
South Region	12.7	6.8
South Atlantic Div	AA	(D)
Georgia	AA	(D)
East South Central Div	CC	(D)
Tennessee	3.7	2.9
West South Central Div	CC	(D)
Arkansas	AA	(1)
Texas	AA	(D)
West Region	3.5	2.8
Pacific Div	BB	(D)
California	1.8	1.5

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes-Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
31510	Dress and work gloves and mittens, all leather[2]	73.3	76.4	68.9	67.5	61.9	[2]49.3	43.6	61.4
31610	Suitcases, briefcases, bags, and musical instrument cases	320.1	273.0	252.9	225.2	204.8	180.5	158.9	127.9
31710	Women's handbags and purses	312.1	285.8	261.1	276.7	266.1	214.1	180.3	161.1
31720	Personal leather goods, handbags and purses	178.9	202.0	179.6	165.9	154.3	134.7	121.3	(NA)
31990	Saddlery, harness, and whips, and other leather products, n.e.c.	89.9	81.9	81.2	72.4	67.1	61.2	54.3	64.1

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or dropping of fractions of thousands rather than rounding in computer operations. See Appendix, "Explanation of Terms."

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data.

[2]For 1958 and prior years, data represent value of production rather than value of shipments.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3151.--LEATHER GLOVES AND MITTENS					
	Materials, containers, and supplies, total	.....	(X)	33.9	(X)	34.3
311100	Finished leather	Million sq. ft.	73.2	22.7	76.9	22.2
220123	Broadwoven fabrics (cotton, wool, manmade fiber fabrics, etc.)	Million lin. yds.	(NA)	1.3	2.9	1.8
225601	Knitted fabrics (cotton, wool, manmade fiber fabrics, etc.)	...do	(NA)	1.2	(NA)	1.2
970099	All other materials and components, parts, containers, and supplies	.....	(X)	4.7	(X)	4.6
976000	Materials, containers, and supplies, n.s.k	.....	(X)	4.0	(X)	4.5
	INDUSTRY 3161.--LUGGAGE					
	Materials, containers, and supplies, total	.....	(X)	143.9	(X)	93.5
	Broadwoven fabrics (piece goods):					
221101	Cotton	Million lin. yds.	(NA)	1.8	(NA)	0.9
222101	Rayon and acetate	...do	e24.7	8.3	9.7	3.5
220128	Other broadwoven fabrics	...do	(NA)	2.2	(NA)	1.6
229503	Coated, impregnated, or laminated plastics on cloth backing, including artificial leather	...do	(NA)	19.8	(NA)	11.7
307913	Unsupported plastic film and sheeting, not backed, excluding packaging materials	Million sq. yds.	(NA)	7.2	(NA)	7.0
311100	Finished leather	Million sq. ft.	(NA)	5.5	(NA)	3.2
342953	Trunk and luggage hardware, including locks	.....	(X)	23.1	(X)	9.8
970090	Other materials, parts, containers, and supplies	.....	(X)	43.2	(X)	35.3
976000	Materials, containers, and supplies, n.s.k	.....	(X)	32.8	(X)	20.5
	INDUSTRY 3171.--WOMEN'S HANDBAGS AND PURSES					
	Materials, containers, and supplies, total	.....	(X)	137.8	(X)	123.5
	Broadwoven fabrics (piece goods):					
221101	Cotton	Million lin. yds.	(NA)	(2)	2.4	1.5
222101	Rayon and acetate	...do	(NA)	(2)	5.5	3.4
220128	Other broadwoven fabrics	...do	(NA)	(2)	2.6	3.0
229503	Coated, impregnated, or laminated plastics on cloth backing, including artificial leather	...do	15.6	20.3	22.6	24.7
307913	Unsupported plastic film and sheeting, not backed excluding packaging materials	Million sq. yds.	27.0	20.1	15.2	11.5
311100	Finished leather	Million sq. ft.	44.1	24.8	40.0	16.9
342953	Trunk and luggage hardware including locks	.....	(X)	4.3	(X)	(NA)
970099	Other materials, parts, containers, and supplies	.....	(X)	35.3	(X)	23.6
976000	Materials, containers, and supplies, n.s.k.[2]	.....	(X)	33.1	(X)	38.9
	INDUSTRY 3172.--PERSONAL LEATHER GOODS					
	Materials, containers, and supplies, total	.....	(X)	71.7	(X)	62.4
229503	Coated, impregnated, or laminated plastics on cloth backing, including artificial leather	Million lin. yds.	e5.2	4.5	(NA)	5.0
307913	Unsupported plastic film and sheeting, not backed, excluding packaging materials	Million sq. yds.	e4.3	2.6	4.9	2.5
311100	Finished leather	Million sq. ft.	40.5	19.7	36.9	15.8
970099	Other materials, parts, containers, and supplies	.....	(X)	24.3	(X)	18.4
976000	Materials, containers, and supplies, n.s.k[1]	.....	(X)	20.6	(X)	20.6
	INDUSTRY 3199.--LEATHER GOODS, N.E.C.					
	Materials, containers, and supplies, total	.....	(X)	43.7	(X)	29.8
311100	Finished leather	Million sq. ft.	21.3	12.7	18.7	10.4
970099	Other materials, parts, containers, and supplies	.....	(X)	14.3	(X)	10.8
976000	Materials, containers, and supplies, n.s.k.[1]	.....	(X)	16.7	(X)	8.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

[2]Included with "other materials, parts, containers, and supplies."

Stone, Clay, and Glass Products

32A Glass products

32B Cement and structural clay products

32C Pottery and related products

32D Concrete, plaster, and cut-stone products

32E Abrasive, asbestos, and miscellaneous nonmetallic mineral products

This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete, and gypsum products, cut-stone products, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining activities are classified in mining industries; when separate reports are not available, the mining activities are classified herein with the manufacturing operations.

TABLE 1. General Statistics: 1967 and Earlier Years

(See Appendix, Explanation of Terms)

Year and item[1]	Establishments		All employees[2]		Production workers			Value added by manufacture[3]	Cost of materials[4]	Value of shipments[4]	Capital expenditures new[5]
	Total (number)	With 20 employees or more (number)	Total (1,000)	Payroll (million dollars)	Total (1,000)	Man-hours (million dollars)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1967	15 966	5 106	620.6	4 133.8	469.3	948.4	2 784.1	8 333.4	6 146.0	14 449.4	820.9
1963	16 185	4 839	602.8	3 462.5	455.8	928.9	2 350.2	7 044.0	5 287.8	12 289.1	607.6
1958	15 305	4 637	574.8	2 754.0	446.0	884.1	1 935.0	5 533.4	(NA)	9 726.5	488.6
1954	(NA)	(NA)	504.4	2 023.4	412.0	827.0	1 496.0	3 866.2	(NA)	(NA)	300.6
ADMINISTRATIVE AND AUXILIARY UNITS:											
1967	386	195	30.7	308.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1963[6]	347	284	28.9	250.0	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958[6]	358	254	22.3	167.6	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954[6]	(NA)	(NA)	12.6	85.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1967	15 580	4 911	589.9	3 825.5	469.3	948.4	2 784.1	8 333.4	6 146.0	14 449.4	820.9
1963	15 838	4 655	573.9	3 212.5	455.8	928.9	2 350.2	7 044.0	5 287.8	12 289.1	607.6
1958	15 047	4 484	552.5	2 586.4	446.0	884.1	1 935.0	5 533.4	(NA)	9 726.5	488.6
1954	11 262	(NA)	491.8	1 938.1	412.0	827.0	1 496.0	3 866.2	(NA)	(NA)	300.6
OPERATING MANUFACTURING ESTABLISHMENTS:											
1966[7]	(NA)	(NA)	616.0	3 837.5	488.0	998.9	2 811.7	8 494.6	6 262.5	14 629.4	939.5
1965[7]	(NA)	(NA)	604.6	3 602.1	479.9	981.1	2 640.2	7 995.9	5 989.3	13 938.7	773.2
1964[7]	(NA)	(NA)	580.8	3 369.0	458.5	949.2	2 446.9	7 492.7	5 541.1	12 950.2	627.2
1962[7]	(NA)	(NA)	573.0	3 102.5	463.2	939.4	2 280.2	6 589.1	4 973.2	11 524.1	549.1
1961[7]	(NA)	(NA)	567.3	2 937.9	456.9	923.4	2 152.9	6 287.6	4 766.8	11 011.1	554.3
1960[7]	(NA)	(NA)	581.4	2 950.0	474.1	959.6	2 187.2	6 369.8	(NA)	(NA)	540.9
1959[7]	(NA)	(NA)	595.8	2 939.0	487.5	980.7	2 199.4	6 504.4	(NA)	(NA)	557.0
1957[7]	(NA)	(NA)	525.6	2 354.5	437.1	869.3	1 802.7	4 980.5	(NA)	(NA)	655.5
1956[7]	(NA)	(NA)	536.0	2 344.5	450.1	911.1	1 814.7	5 035.5	(NA)	(NA)	724.8
1955[7]	(NA)	(NA)	524.7	2 177.5	442.3	899.4	1 703.0	4 637.2	(NA)	(NA)	460.9
1953[7]	(NA)	(NA)	506.4	1 948.9	430.9	873.0	1 538.5	3 752.9	(NA)	(NA)	281.7
1952[7]	10 435	(NA)	510.4	1 841.5	435.7	895.0	1 456.6	3 531.3	(NA)	(NA)	250.8
1951[7]	10 700	(NA)	529.1	1 827.8	455.4	945.6	1 458.8	3 560.7	(NA)	(NA)	322.7
1950[7]	9 707	(NA)	490.6	1 529.5	418.2	862.8	1 220.1	3 138.3	(NA)	(NA)	222.1
1949[7]	(NA)	(NA)	453.2	1 323.2	387.5	778.4	1 044.2	2 450.9	(NA)	(NA)	191.0
1947	11 643	(NA)	461.0	1 206.9	404.9	838.3	992.0	2 298.5	(NA)	(NA)	285.1
1939	6 778	(NA)	313.5	410.4	267.4	(NA)	307.2	856.3	(NA)	(NA)	(NA)
1937	6 114	(NA)	330.7	419.5	297.4	(NA)	345.5	860.1	(NA)	(NA)	(NA)
1935	5 846	(NA)	265.1	292.8	234.8	(NA)	227.8	599.5	(NA)	(NA)	(NA)
1933	4 757	(NA)	(NA)	(NA)	175.1	(NA)	144.1	404.1	(NA)	(NA)	(NA)
1931	6 549	(NA)	(NA)	(NA)	233.7	(NA)	249.6	615.7	(NA)	(NA)	(NA)
1929	8 788	(NA)	372.0	548.2	330.7	(NA)	435.9	1 053.9	(NA)	(NA)	(NA)
1927	8 574	(NA)	389.7	574.9	348.1	(NA)	463.0	1 022.8	(NA)	(NA)	(NA)
1925	8 491	(NA)	391.8	565.2	351.1	(NA)	466.4	1 042.5	(NA)	(NA)	(NA)
1923	8 209	(NA)	388.6	543.5	348.6	(NA)	450.7	990.1	(NA)	(NA)	(NA)
1921	8 227	(NA)	282.1	377.1	251.2	(NA)	305.4	605.1	(NA)	(NA)	(NA)
1919	12 326	(NA)	330.6	396.9	294.6	(NA)	323.7	680.2	(NA)	(NA)	(NA)
1914	14 793	(NA)	404.7	248.9	335.3	(NA)	206.1	379.2	(NA)	(NA)	(NA)
1909	16 207	(NA)	371.7	223.7	343.9	(NA)	190.0	352.3	(NA)	(NA)	(NA)
1904	10 744	(NA)	304.7	170.7	285.7	(NA)	148.8	270.9	(NA)	(NA)	(NA)
1899	11 571	(NA)	242.9	115.6	230.0	(NA)	102.4	185.3	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1]Figures for establishments primarily engaged in producing ready-mixed concrete are excluded for 1954, 1947, and 1939. In 1958, the value added in ready-mixed concrete establishments represented 12 percent of the total value added for the stone, clay, and glass products, and in 1937, less than 1 percent. As indicated in the introductory text, certain quarries, operated as parts of manufacturing establishments, are included in the stone, clay and glass products industries but separate figures for such mining activity were also obtained in the last three censuses. The value added at quarries operated in conjunction with these manufacturing establishments (including value added in producing mineral products consumed in the same establishment) was $321,240 thousand in 1963; $360,992 thousand in 1958; and $193,636 thousand in 1954. Further detail on such mining operations are included in the Census of Mineral Industries reports.

[2]The figures for 1939 through 1954 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

[3]For the period 1954 to 1965, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, with-out adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year.

[4]The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For more complete explanation, see Introduction.

[5]The figures for 1958 to 1967 include expenditures for plants under construction and not yet in operation.

[6]Similar data are shown for the years 1949 to 1967 in the annual survey or manufactures volumes. Data for these establishments are not available for the years 1955 to 1957, 1959-1962, 1964-1966 or prior to 1949.

[7]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967										1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
32	STONE, CLAY, AND GLASS PRODUCTS	5 580	4 911	589.9	3 825.5	469.3	948.4	2 [illegible]41.1	8 333.4	6 145.8	14 449.4	820.9	573.9	7 044.0
	NORTHEAST REGION	3 360	1 161	163.6	1 110.4	128.9	259.4	798.9	2 254.4	1 597.2	3 843.4	192.7	155.9	1 792.3
	NEW ENGLAND DIVISION	802	246	28.3	194.9	21.1	43.6	131.4	386.9	280.1	666.9	28.6	25.4	300.8
	MAINE	60	20	1.2	6.7	.9	1.9	4.6	13.9	10.8	24.8	1.2	1.2	11.7
	NEW HAMPSHIRE	61	23	1.8	10.3	1.4	3.0	7.3	25.4	16.0	41.7	1.5	1.8	16.8
	VERMONT	118	33	2.8	16.5	2.4	4.8	13.2	27.8	19.6	47.3	1.3	3.1	25.3
	MASSACHUSETTS	315	90	12.4	92.0	8.4	16.9	55.6	180.9	133.0	314.0	14.0	10.8	142.1
	RHODE ISLAND	53	14	2.5	15.9	2.1	4.4	11.8	32.3	18.8	51.2	3.6	1.9	23.2
	CONNECTICUT	195	66	7.7	53.5	5.9	12.5	38.9	106.6	81.8	188.0	6.9	6.7	81.7
	MIDDLE ATLANTIC DIVISION	2 558	915	135.2	915.4	107.8	215.8	667.5	1 867.6	1 317.1	3 176.5	164.2	130.6	1 491.6
	NEW YORK	1 011	291	40.6	293.8	30.6	61.5	196.5	628.2	447.7	1 070.4	54.5	38.8	475.2
	NEW JERSEY	558	232	37.1	245.3	29.8	60.4	182.7	484.3	324.5	809.7	33.3	34.5	390.4
	PENNSYLVANIA	989	392	57.6	376.3	47.3	94.0	288.3	755.1	544.9	1 296.3	76.4	57.3	626.0
	NORTH CENTRAL REGION	5 020	1 496	191.6	1 286.1	153.6	310.0	949.5	2 847.5	2 075.2	4 901.0	266.0	190.0	2 458.2
	EAST NORTH CENTRAL DIVISION	3 532	1 122	154.8	1 045.5	124.4	251.3	776.1	2 301.7	1 669.9	3 953.6	206.9	150.0	1 902.1
	OHIO	1 040	423	61.4	407.9	49.6	99.6	307.5	854.1	572.0	1 419.7	72.2	61.6	740.0
	INDIANA	507	175	25.7	161.8	21.0	42.4	122.3	360.4	247.2	607.6	29.5	25.2	278.0
	ILLINOIS	854	255	37.8	257.4	30.7	62.1	194.4	552.1	423.6	971.2	32.8	37.7	488.9
	MICHIGAN	697	180	21.2	159.9	16.4	33.2	110.3	409.5	314.5	719.4	59.4	17.8	308.2
	WISCONSIN	425	89	8.7	58.6	6.8	13.9	41.8	125.6	112.7	235.7	13.1	7.7	87.0
	WEST NORTH CENTRAL DIVISION	1 497	374	36.8	240.6	29.2	58.8	173.4	545.9	405.3	947.0	59.1	40.1	556.1
	MINNESOTA	349	84	6.9	43.0	5.5	11.3	30.3	85.5	75.5	160.3	6.6	11.0	158.7
	IOWA	307	73	6.2	39.7	4.9	10.3	29.0	110.7	77.1	186.2	14.1	5.9	96.2
	MISSOURI	388	103	13.9	96.4	10.9	21.4	68.0	211.5	138.8	346.7	25.0	13.1	170.4
	NORTH DAKOTA	49	9	.5	2.6	.4	.8	1.9	5.8	4.7	10.5	.5	.5	4.5
	SOUTH DAKOTA	66	11	.7	4.3	.6	1.2	3.1	9.0	7.5	16.6	1.6	.8	7.6
	NEBRASKA	134	31	2.2	12.6	1.8	3.7	9.2	32.1	27.3	59.3	3.2	2.2	31.2
	KANSAS	204	63	6.4	42.0	5.1	10.2	31.8	91.3	74.4	167.8	8.0	6.6	87.4
	SOUTH REGION	4 511	1 551	167.3	955.3	135.0	276.5	701.8	2 204.3	1 658.8	3 856.6	255.4	157.1	1 803.0
	SOUTH ATLANTIC DIVISION	2 132	782	89.4	506.5	72.4	148.0	373.7	1 134.9	841.7	1 976.5	144.0	83.2	893.8
	DELAWARE[6]	31	12	.7	4.8	.6	1.2	3.6	11.7	11.3	22.9	.7	.8	10.7
	MARYLAND	207	84	10.3	68.6	8.1	16.8	49.6	160.7	117.1	278.3	9.2	9.6	127.2
	DISTRICT OF COLUMBIA	13	8	.6	4.0	.5	1.1	3.0	8.0	10.9	18.7	.6	.8	11.4
	VIRGINIA	263	108	10.0	53.7	8.0	16.5	37.8	128.0	105.2	232.7	16.5	9.6	107.5
	WEST VIRGINIA	178	83	20.0	119.8	17.3	33.6	97.9	235.3	119.6	353.3	13.4	20.3	219.1
	NORTH CAROLINA	351	131	12.8	65.2	10.1	21.2	45.3	141.3	120.9	262.8	30.9	10.5	90.2
	SOUTH CAROLINA	156	60	8.7	49.5	7.4	15.8	38.5	106.5	72.4	179.7	17.6	6.8	67.8
	GEORGIA	374	139	13.8	72.4	11.0	22.2	51.6	158.4	121.6	279.1	16.2	12.1	117.4
	FLORIDA	559	157	12.5	68.5	9.3	19.7	46.4	184.9	162.7	349.0	39.0	12.6	142.6
	EAST SOUTH CENTRAL DIVISION	947	321	33.9	196.0	27.5	55.5	144.8	451.2	322.1	768.9	42.9	32.0	389.9
	KENTUCKY	224	62	6.2	37.0	5.0	10.0	27.3	82.9	59.6	142.3	(D)	5.9	65.2
	TENNESSEE	296	99	14.4	86.3	11.7	23.2	63.7	195.5	117.2	309.8	19.3	13.9	177.2
	ALABAMA	275	102	8.4	46.9	6.8	13.8	34.9	113.7	90.7	202.8	9.6	7.5	94.2
	MISSISSIPPI	152	58	4.9	25.7	4.0	8.5	19.0	59.1	54.7	114.1	(D)	4.7	53.3
	WEST SOUTH CENTRAL DIVISION	1 432	448	44.0	252.7	35.2	72.9	183.3	618.2	494.9	1 111.2	84.9	41.9	519.2
	ARKANSAS	146	38	3.4	18.6	2.8	5.7	13.5	48.1	33.1	80.9	8.5	3.5	36.7
	LOUISIANA	225	69	7.3	46.8	5.8	11.8	34.8	104.9	99.5	204.7	11.2	6.5	87.4
	OKLAHOMA	217	56	6.9	40.8	5.5	11.4	30.0	98.9	58.7	156.8	6.0	6.9	89.8
	TEXAS	844	285	26.3	146.5	21.0	44.0	105.0	366.4	303.6	668.7	59.3	25.0	305.2
	WEST REGION	2 689	703	67.3	473.9	51.7	102.2	333.8	1 027.3	814.7	1 848.3	106.7	70.7	997.2
	MOUNTAIN DIVISION	749	176	13.9	92.2	10.6	20.8	63.9	205.9	157.2	361.6	20.0	15.6	216.2
	MONTANA	73	13	.9	5.4	.7	1.3	3.9	14.3	10.5	24.5	.9	.9	11.9
	IDAHO	69	15	.9	5.2	.7	1.3	3.6	12.1	9.3	21.7	.7	.8	8.4
	WYOMING	44	6	.4	2.7	.4	.8	2.3	6.5	4.1	10.5	.3	.6	8.9
	COLORADO	197	48	5.0	32.9	3.8	7.5	22.4	68.9	49.5	117.0	6.1	4.9	61.5
	NEW MEXICO	78	12	1.0	6.3	.8	1.6	4.1	16.4	14.2	30.1	1.7	1.4	19.3
	ARIZONA	144	33	2.5	17.9	1.9	3.8	12.8	39.4	30.9	70.4	6.3	3.2	44.2
	UTAH	99	32	2.1	13.7	1.6	3.3	9.9	33.5	25.3	59.2	2.0	2.7	35.0
	NEVADA	45	17	1.0	8.0	.7	1.3	5.0	14.8	13.4	28.2	2.0	1.3	27.0
	PACIFIC DIVISION	1 940	527	53.4	381.8	41.1	81.4	269.9	821.4	657.5	1 486.7	86.7	55.0	781.0
	WASHINGTON	250	70	5.9	43.9	4.6	9.0	32.2	91.7	80.4	172.0	12.7	5.4	70.4
	OREGON	198	32	2.9	21.0	2.3	4.5	15.3	45.3	36.3	81.1	8.9	3.0	38.5
	CALIFORNIA	1 435	409	43.4	306.9	33.3	66.1	216.1	662.6	519.8	1 190.9	63.0	45.6	654.0
	HAWAII	43	14	1.1	8.3	.8	1.6	5.4	18.4	17.9	36.2	1.8	.9	15.0
321	FLAT GLASS	64	39	23.9	196.6	19.8	40.2	157.6	422.9	194.7	611.3	59.9	22.8	364.5
	NORTHEAST REGION	11	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	9	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.5	48.9
	PENNSYLVANIA	7	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.5	48.9
	NORTH CENTRAL REGION	22	12	8.5	75.8	7.3	15.1	62.8	176.9	64.4	238.7	29.2	8.4	162.2
	EAST NORTH CENTRAL DIVISION	17	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OHIO	5	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	6	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MICHIGAN	3	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture	Cost of materials[2]	Value of shipments[2]	Capital expenditures, new	All employees	Value added by manufacture
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
321	FLAT GLASS--CONTINUED													
	WEST NORTH CENTRAL DIVISION	5	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	4	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	20	16	9.6	75.8	7.8	15.8	59.8	161.2	63.5	221.1	13.9	(D)	(D)
	SOUTH ATLANTIC DIVISION	9	8	3.8	29.8	3.1	6.5	23.6	57.4	24.2	80.5	2.3	(D)	(D)
	MARYLAND	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	6	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.1	35.0
	EAST SOUTH CENTRAL DIVISION	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	8	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARKANSAS	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LOUISIANA	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	11	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	11	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	10	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
322	GLASS, GLASSWARE, PRESSED OR BLOWN	305	225	109.2	688.4	95.9	191.6	573.9	1 501.1	726.3	2 238.6	152.7	98.0	1 101.8
	NORTHEAST REGION	99	68	34.9	221.5	30.6	60.6	183.6	495.4	227.2	720.8	50.7	(D)	(D)
	NEW ENGLAND DIVISION	6	4	2.2	13.8	1.9	4.2	11.3	27.2	15.0	42.9	2.7	(D)	(D)
	RHODE ISLAND	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	93	64	32.8	207.7	28.7	56.4	172.3	468.2	212.2	677.8	48.1	31.1	317.5
	NEW YORK	32	18	5.4	37.2	4.7	9.7	30.6	116.5	48.9	162.9	9.3	6.5	74.3
	NEW JERSEY	26	17	13.6	86.9	11.9	23.3	71.9	173.6	82.6	255.6	15.4	11.2	114.4
	PENNSYLVANIA	35	29	13.7	83.5	12.2	23.4	69.8	178.1	80.7	259.3	23.4	13.4	128.7
	NORTH CENTRAL REGION	71	55	34.4	216.3	30.1	60.5	181.7	476.1	220.6	696.9	40.0	(D)	(D)
	EAST NORTH CENTRAL DIVISION	67	52	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	29.7	347.5
	OHIO	25	21	12.3	77.3	10.4	20.5	63.1	163.5	63.6	225.7	15.8	11.7	144.0
	INDIANA	15	13	9.2	57.1	8.1	16.4	47.9	136.8	64.2	200.5	10.9	7.7	71.5
	ILLINOIS	22	15	10.2	65.0	9.2	18.5	56.0	122.8	74.0	199.2	(D)	(D)	(D)
	MICHIGAN	4	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WISCONSIN	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST NORTH CENTRAL DIVISION	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MINNESOTA	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	105	81	30.7	186.4	27.2	54.6	154.0	401.4	206.7	615.3	51.1	(D)	(D)
	SOUTH ATLANTIC DIVISION	64	54	21.9	132.0	19.3	38.9	109.5	284.4	147.5	438.9	42.3	19.3	220.8
	MARYLAND	5	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8	15.3
	VIRGINIA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	40	35	10.9	64.2	9.7	18.6	53.3	136.2	60.2	197.3	5.1	11.2	131.2
	NORTH CAROLINA	5	5	2.4	13.4	2.1	4.4	10.9	28.6	18.1	47.9	(D)	1.5	17.8
	SOUTH CAROLINA	4	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	FLORIDA	6	4	1.4	8.5	1.3	2.5	7.3	21.6	12.6	36.2	2.8	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	13	10	3.4	21.5	3.0	6.1	17.4	43.6	20.6	64.0	3.9	(D)	(D)
	KENTUCKY	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	4	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ALABAMA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSISSIPPI	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	28	17	5.5	33.0	4.8	9.7	27.2	73.4	38.6	112.4	4.9	(D)	(D)
	ARKANSAS	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LOUISIANA	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA	10	7	2.6	14.7	2.3	4.4	11.8	34.3	16.4	50.3	2.2	2.4	26.8
	TEXAS	10	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.4	18.9
	WEST REGION	30	21	9.1	64.3	8.0	15.9	54.6	128.2	71.7	205.6	10.9	(D)	(D)
	PACIFIC DIVISION	28	21	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8.1	102.3
	WASHINGTON	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OREGON	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	26	19	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
323	PRODUCTS OF PURCHASED GLASS	887	258	29.2	182.1	23.9	47.4	134.7	393.9	407.2	794.7	21.9	26.2	309.7
	NORTHEAST REGION	390	118	12.2	72.3	10.2	19.9	54.2	136.9	137.0	270.6	7.3	10.9	106.0
	NEW ENGLAND DIVISION	41	13	1.3	7.3	1.1	2.2	5.3	13.3	9.5	22.7	.4	1.2	10.5
	MASSACHUSETTS	23	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.0
	RHODE ISLAND	5	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	11	8	.8	4.7	.7	1.4	3.5	8.4	5.0	13.2	.2	.7	6.0

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
323	PRODUCTS OF PURCHASED GLASS--CONTINUED													
	MIDDLE ATLANTIC DIVISION	349	105	10.9	65.0	9.1	17.7	48.9	123.6	127.5	247.9	7.0	9.7	95.5
	NEW YORK	175	43	3.7	20.5	3.1	5.9	15.3	42.0	27.2	69.1	3.9	3.8	33.4
	NEW JERSEY	95	36	3.1	18.4	2.6	5.2	13.6	32.2	22.1	54.0	1.6	3.0	26.9
	PENNSYLVANIA	79	26	4.2	26.1	3.4	6.6	19.9	49.4	78.2	124.7	1.5	3.0	35.2
	NORTH CENTRAL REGION	224	71	10.7	75.8	8.5	17.2	56.5	179.6	194.1	371.5	8.2	9.7	150.5
	EAST NORTH CENTRAL DIVISION	187	63	10.0	71.9	8.0	16.2	54.1	170.6	184.1	352.5	7.6	9.2	145.5
	OHIO	54	27	3.8	28.0	3.2	6.5	22.7	63.6	74.1	136.0	3.9	3.8	56.0
	INDIANA	13	7	.8	5.0	.7	1.3	3.5	7.1	8.9	15.9	.7	.9	7.7
	ILLINOIS	64	18	2.8	19.6	2.2	4.4	14.6	46.2	49.6	96.0	1.9	2.4	40.2
	MICHIGAN	37	10	2.4	18.3	1.8	3.8	12.6	51.9	50.7	101.9	1.1	1.9	39.1
	WISCONSIN	19	1	.2	1.0	.1	.3	.7	1.8	.9	2.7	(Z)	.3	2.5
	WEST NORTH CENTRAL DIVISION	37	8	.7	3.9	.5	1.0	2.5	9.0	10.0	18.9	.6	.5	4.9
	MINNESOTA	12	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IOWA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	18	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.4
	SOUTH REGION	127	40	4.5	23.3	3.7	7.5	16.8	56.0	57.8	113.1	5.0	(D)	(D)
	SOUTH ATLANTIC DIVISION	81	28	3.1	16.3	2.6	5.2	11.5	40.9	46.4	86.7	3.7	2.7	20.4
	MARYLAND	15	3	.3	1.6	.3	.5	1.2	3.8	2.3	6.1	.1	.3	2.0
	VIRGINIA	7	7	.8	4.5	.7	1.5	3.0	14.4	14.6	29.2	(D)	.6	4.5
	WEST VIRGINIA	17	3	.5	2.4	.4	.7	1.9	6.5	4.3	10.0	.7	.4	2.7
	NORTH CAROLINA	13	6	1.0	4.7	.8	1.6	3.4	9.9	18.8	28.6	(D)	.8	6.6
	SOUTH CAROLINA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	FLORIDA	20	4	.2	1.2	.2	.4	.8	3.0	3.6	6.5	(Z)	.3	2.3
	EAST SOUTH CENTRAL DIVISION[e]	14	4	1.0	5.2	.9	1.7	4.0	10.5	7.6	18.1	.9	(D)	(D)
	TENNESSEE[e]	9	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSISSIPPI	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	32	8	.3	1.9	.3	.5	1.3	4.6	3.8	8.3	.4	(D)	(D)
	TEXAS	23	6	.2	1.3	.2	.4	1.0	3.5	2.0	5.5	.3	.2	2.7
	WEST REGION[e]	146	29	1.8	10.7	1.4	2.8	7.2	21.3	18.3	39.5	1.3	(D)	(D)
	PACIFIC DIVISION[e]	137	28	1.7	10.2	1.4	2.7	6.8	20.3	17.0	37.4	1.2	1.7	21.8
	CALIFORNIA[e]	119	27	1.6	9.7	1.3	2.5	6.5	19.3	16.4	35.7	(D)	1.6	20.8
324	CEMENT, HYDRAULIC	197	180	32.6	247.7	26.2	52.5	184.4	812.3	439.2	1 246.5	90.5	34.9	785.7
	NORTHEAST REGION	40	33	6.5	52.2	5.2	10.7	38.6	128.4	87.8	219.4	16.8	7.0	124.0
	NEW ENGLAND DIVISION	4	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MAINE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MIDDLE ATLANTIC DIVISION	36	32	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW YORK	14	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PENNSYLVANIA	21	20	3.8	29.5	3.2	6.5	23.4	77.5	50.7	130.9	7.2	4.8	84.0
	NORTH CENTRAL REGION	53	49	10.4	78.6	8.5	16.6	59.6	277.8	133.8	405.7	29.2	11.1	263.5
	EAST NORTH CENTRAL DIVISION	32	28	6.6	50.8	5.3	10.4	38.0	174.8	90.3	261.0	18.1	6.8	163.4
	OHIO	8	8	1.6	11.3	1.2	2.3	7.7	34.3	13.2	48.0	1.9	1.8	37.3
	INDIANA	6	5	1.6	11.2	1.3	2.4	8.4	34.7	28.3	63.4	1.3	1.6	35.5
	ILLINOIS	4	4	.9	6.8	.8	1.6	5.7	24.1	9.9	32.8	.6	1.1	28.2
	MICHIGAN	11	9	2.3	19.8	1.8	3.7	14.7	72.8	33.7	102.9	13.5	2.0	55.5
	WISCONSIN	3	2	.2	1.7	.2	.4	1.4	8.8	5.2	13.8	.8	.3	7.0
	WEST NORTH CENTRAL DIVISION	21	21	3.9	27.8	3.2	6.2	21.7	103.0	43.5	144.7	11.1	4.3	100.1
	MINNESOTA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IOWA	5	5	1.1	8.2	.9	1.9	6.7	32.6	15.5	47.5	(D)	1.3	32.0
	MISSOURI	7	7	1.3	9.1	1.0	1.8	6.5	38.4	14.8	52.3	8.1	1.3	31.4
	NEBRASKA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	6	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	20.9
	SOUTH REGION	69	64	9.9	69.9	8.0	16.2	52.6	252.8	139.4	389.8	22.8	9.8	242.8
	SOUTH ATLANTIC DIVISION	19	16	3.0	21.0	2.6	5.2	17.5	72.7	42.8	115.6	6.0	3.1	70.1
	MARYLAND	3	3	.6	4.3	.6	1.0	3.7	12.8	6.7	20.1	.6	.6	14.7
	VIRGINIA	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	15.2
	WEST VIRGINIA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH CAROLINA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	3	3	.3	2.4	.3	.6	2.0	7.0	5.7	12.3	.6	.3	8.3
	FLORIDA	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	19	19	2.7	18.5	2.2	4.3	14.6	62.9	41.5	103.7	2.2	2.7	63.4
	KENTUCKY	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	6	6	.8	5.4	.7	1.3	4.4	21.8	8.8	30.5	.2	.9	22.9
	ALABAMA	10	10	1.4	9.3	1.1	2.2	7.3	32.3	26.7	58.1	1.8	1.3	30.3
	MISSISSIPPI	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	31	29	4.3	30.3	3.2	6.6	20.5	117.2	55.1	170.5	14.6	4.0	109.3
	ARKANSAS	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LOUISIANA	4	4	.6	4.8	.5	1.0	3.4	13.7	9.5	23.1	1.1	(D)	(D)
	OKLAHOMA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	16.8
	TEXAS	22	20	2.9	20.1	2.2	4.6	13.8	76.6	35.1	110.5	12.4	2.6	69.9

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
324	CEMENT, HYDRAULIC--CONTINUED													
	WEST REGION	35	34	5.8	47.1	4.5	9.1	33.6	153.4	78.3	231.6	21.8	6.9	155.4
	MOUNTAIN DIVISION	12	12	1.3	9.7	1.0	1.9	7.2	38.1	15.9	54.1	1.7	1.5	43.5
	MONTANA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	23	22	4.5	37.5	3.5	7.2	26.3	115.2	62.3	177.5	20.1	5.4	111.9
	WASHINGTON	5	5	.5	3.7	.4	.7	2.3	9.7	8.2	17.8	(D)	.6	9.9
	OREGON	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	14	13	3.6	30.1	2.8	5.7	21.4	95.4	46.1	141.9	7.9	4.3	93.1
	HAWAII	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
325	STRUCTURAL CLAY PRODUCTS	851	624	60.3	343.9	49.9	101.2	253.7	611.9	315.8	921.5	59.3	65.0	553.8
	NORTHEAST REGION	149	114	10.2	63.7	8.5	17.5	48.7	108.9	56.7	163.3	10.6	10.9	101.1
	NEW ENGLAND DIVISION	26	16	.9	6.0	.8	1.7	4.3	9.0	7.2	16.1	.5	(D)	(D)
	MASSACHUSETTS	8	5	.4	2.6	.3	.7	1.7	3.0	2.8	5.9	.2	(D)	(D)
	CONNECTICUT	9	6	.3	2.1	.3	.6	1.6	4.3	3.5	7.5	.2	(D)	(D)
	MIDDLE ATLANTIC DIVISION	123	98	9.3	57.8	7.8	15.8	44.4	99.9	49.5	147.3	10.1	(D)	(D)
	NEW YORK	17	11	1.0	6.4	.8	1.7	5.0	10.9	3.9	14.6	.5	(D)	(D)
	NEW JERSEY	20	15	1.4	8.5	1.2	2.5	6.3	14.4	8.0	22.5	.6	(D)	(D)
	PENNSYLVANIA	86	72	6.8	42.9	5.7	11.6	33.1	74.6	37.5	110.2	8.9	(D)	(D)
	NORTH CENTRAL REGION	275	206	20.3	125.3	16.9	33.7	93.6	210.7	114.1	322.5	23.1	23.9	204.2
	EAST NORTH CENTRAL DIVISION	211	155	13.9	81.6	11.8	23.7	64.3	137.2	67.4	203.2	14.5	17.4	139.2
	OHIO	131	101	9.9	57.2	8.5	16.7	45.2	100.3	48.9	148.3	11.8	12.1	98.5
	INDIANA	30	22	1.7	9.7	1.5	3.0	7.7	14.6	8.0	22.4	.6	2.6	18.4
	ILLINOIS	35	27	1.9	12.4	1.6	3.3	9.7	18.1	9.4	26.9	.8	2.2	17.9
	MICHIGAN	7	4	.3	1.9	.2	.5	1.4	3.8	.9	4.8	1.2	(D)	(D)
	WEST NORTH CENTRAL DIVISION	64	51	6.4	43.6	5.0	10.0	29.2	73.5	46.7	119.3	8.7	6.5	64.9
	MINNESOTA	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.7
	IOWA	19	16	1.0	5.8	.8	1.8	4.5	9.8	5.5	14.9	1.5	(D)	(D)
	MISSOURI	24	19	4.3	31.5	3.2	6.3	20.0	52.5	35.6	87.1	6.6	4.1	44.6
	NEBRASKA	5	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.4
	KANSAS	9	9	.7	3.8	.5	1.1	2.9	7.1	3.3	11.0	.4	(D)	(D)
	SOUTH REGION	301	238	24.0	118.1	20.0	40.9	86.0	229.3	111.8	337.6	22.1	22.7	170.7
	SOUTH ATLANTIC DIVISION	126	99	11.2	57.5	9.2	19.1	40.5	112.8	54.3	163.9	12.1	10.4	93.5
	MARYLAND	15	12	.8	5.1	.7	1.4	4.0	10.2	4.8	14.8	.7	.8	6.7
	VIRGINIA	16	13	1.0	4.7	.9	1.9	3.8	10.4	4.0	14.0	1.3	(D)	(D)
	WEST VIRGINIA	10	7	.7	4.3	.6	1.2	3.5	7.1	3.8	10.8	(D)	(D)	(D)
	NORTH CAROLINA	37	32	3.0	15.3	2.4	5.1	10.3	29.8	14.4	44.1	3.1	(D)	(D)
	SOUTH CAROLINA	17	16	1.5	6.8	1.3	2.6	4.7	12.1	6.4	17.8	1.7	1.3	7.7
	GEORGIA	17	13	3.2	16.5	2.6	5.1	10.6	30.3	14.2	43.1	1.9	(D)	(D)
	FLORIDA	12	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	8.8
	EAST SOUTH CENTRAL DIVISION	73	60	6.0	30.6	5.2	10.4	23.7	59.3	30.1	89.5	4.0	5.4	46.5
	KENTUCKY	17	15	1.4	7.3	1.2	2.2	6.0	12.3	6.8	19.0	1.0	1.4	12.3
	TENNESSEE	10	9	1.1	5.4	.9	1.9	3.9	12.4	4.7	17.2	.9	.8	7.8
	ALABAMA	24	19	2.1	11.3	1.8	3.6	9.0	23.3	10.1	33.1	1.6	1.7	16.0
	MISSISSIPPI	22	17	1.5	6.6	1.3	2.6	4.8	11.2	8.4	20.3	.5	1.4	10.3
	WEST SOUTH CENTRAL DIVISION	102	79	6.7	29.9	5.6	11.4	21.8	57.2	27.4	84.2	6.0	6.9	40.7
	ARKANSAS	10	8	.9	3.8	.8	1.6	3.0	8.3	2.9	11.2	(D)	(D)	(D)
	LOUISIANA	10	6	.3	1.1	.2	.5	.7	1.9	1.2	3.1	(D)	.4	1.4
	OKLAHOMA	11	10	.4	1.7	.3	.7	1.2	3.7	1.6	5.3	.2	.4	1.8
	TEXAS	71	55	5.1	23.3	4.3	8.6	17.0	43.4	21.7	64.6	2.7	(D)	(D)
	WEST REGION	126	66	5.8	36.8	4.5	9.2	25.5	63.1	33.2	98.0	3.5	7.5	77.9
	MOUNTAIN DIVISION	33	20	1.3	7.9	1.0	2.0	5.4	11.5	8.2	20.4	.6	1.8	13.7
	COLORADO	10	9	.8	4.5	.6	1.2	3.0	6.8	4.4	11.4	.3	1.0	7.6
	UTAH	7	4	.3	1.9	.2	.4	1.3	2.4	2.1	4.9	.1	.4	3.3
	PACIFIC DIVISION	93	46	4.5	28.9	3.5	7.2	20.1	51.5	25.0	77.6	2.9	5.7	64.2
	WASHINGTON	8	4	.2	1.2	.2	.3	.9	3.0	1.2	4.5	.1	(D)	(D)
	OREGON	14	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	1.1
	CALIFORNIA	70	38	4.1	26.2	3.2	6.5	18.5	46.9	22.5	70.3	2.8	5.2	59.7
326	POTTERY AND RELATED PRODUCTS	619	231	42.7	246.9	36.0	70.1	190.0	418.7	193.3	605.4	29.9	42.2	337.2
	NORTHEAST REGION	162	68	13.8	83.5	11.5	22.2	63.0	149.7	56.4	204.8	6.8	(D)	(D)
	NEW ENGLAND DIVISION	38	8	.9	5.7	.8	1.5	4.1	12.1	5.6	17.7	.7	(D)	(D)
	CONNECTICUT	12	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	6.3
	MIDDLE ATLANTIC DIVISION	124	60	12.9	77.8	10.7	20.7	58.9	137.6	50.8	187.2	6.1	(D)	(D)
	NEW YORK	47	12	4.1	26.3	3.4	6.5	19.5	44.6	21.7	65.7	2.6	(D)	(D)
	NEW JERSEY	47	31	4.0	24.3	3.2	6.4	17.6	44.6	13.7	58.2	1.2	4.3	39.0
	PENNSYLVANIA	30	17	4.7	27.2	4.1	7.8	21.8	48.3	15.4	63.3	2.3	5.1	42.5

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
326	POTTERY AND RELATED PRODUCTS--CONTINUED													
	NORTH CENTRAL REGION	143	76	15.1	88.6	12.7	24.9	68.2	142.1	75.7	214.9	12.2	(D)	(D)
	EAST NORTH CENTRAL DIVISION	124	71	14.8	87.1	12.5	24.5	67.2	139.7	74.2	210.9	12.1	16.0	122.7
	OHIO	73	44	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8.7	66.8
	INDIANA	9	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	7.7
	ILLINOIS	23	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.2	23.9
	MICHIGAN	11	4	1.7	12.2	1.5	3.1	10.3	12.8	4.6	17.1	(D)	(D)	(D)
	WISCONSIN	8	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.0	14.2
	WEST NORTH CENTRAL DIVISION	19	5	.3	1.5	.2	.4	1.0	2.3	1.5	4.0	.1	(D)	(D)
	SOUTH REGION	121	39	8.1	43.5	6.9	13.6	34.3	70.5	35.8	105.3	6.5	7.0	51.2
	SOUTH ATLANTIC DIVISION	57	14	4.5	24.7	4.0	7.8	19.9	38.0	21.6	58.3	5.1	3.8	25.5
	MARYLAND	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	13	9	3.1	15.1	2.8	5.3	12.7	19.4	10.5	28.9	1.2	2.7	14.9
	SOUTH CAROLINA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	32	14	2.3	11.7	1.9	3.7	8.7	16.9	7.4	24.5	.9	2.1	14.6
	KENTUCKY	13	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	13	7	1.7	9.2	1.4	2.7	6.8	11.8	4.4	16.4	.9	1.5	12.0
	WEST SOUTH CENTRAL DIVISION	32	11	1.2	7.1	1.0	2.1	5.6	15.6	6.8	22.6	.5	1.1	11.0
	LOUISIANA	4	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	22	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST REGION	193	48	5.7	31.3	4.8	9.3	24.6	56.4	25.4	80.3	4.5	5.1	42.3
	MOUNTAIN DIVISION	16	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	8	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	177	44	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	158	42	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.0	32.0
327	CONCRETE, GYPSUM, PLASTER PRODUCTS	10 004	2 450	169.1	1 103.3	122.7	255.0	719.0	2 478.0	2 530.0	4 999.6	271.8	165.8	2 122.3
	NORTHEAST REGION	1 664	446	31.1	227.6	22.4	47.9	147.9	482.0	458.8	939.9	47.0	29.8	401.8
	NEW ENGLAND DIVISION	424	107	7.2	51.4	5.2	11.3	34.1	120.9	99.6	220.8	13.8	6.7	96.0
	MAINE	40	14	.6	3.7	.5	1.0	2.4	8.0	6.8	14.8	1.0	.6	5.5
	NEW HAMPSHIRE	39	11	.6	4.1	.4	1.0	2.5	12.5	7.4	19.9	.8	.5	6.5
	VERMONT	24	5	.3	2.3	.2	.5	1.4	5.1	5.1	10.3	.6	(D)	(D)
	MASSACHUSETTS	173	41	3.2	23.9	2.3	5.1	16.2	52.7	46.0	98.9	6.9	2.9	45.2
	RHODE ISLAND	29	6	.4	3.1	.3	.6	2.0	7.6	5.3	12.7	.5	(D)	(D)
	CONNECTICUT	119	30	1.9	14.4	1.4	3.0	9.6	35.0	29.1	64.1	3.9	2.1	32.3
	MIDDLE ATLANTIC DIVISION	1 240	339	23.9	176.2	17.2	36.7	113.8	361.1	359.1	719.1	33.2	23.1	305.8
	NEW YORK	479	130	9.9	81.5	6.8	14.7	49.5	164.2	151.8	313.8	13.4	(D)	(D)
	NEW JERSEY	233	80	5.5	39.8	3.9	8.3	25.0	87.5	85.0	174.2	5.6	(D)	(D)
	PENNSYLVANIA	528	129	8.5	54.9	6.6	13.7	39.3	109.3	122.3	231.1	14.1	9.0	99.3
	NORTH CENTRAL REGION	3 415	707	49.9	344.6	36.3	74.9	224.7	787.6	783.7	1 568.3	76.9	45.9	634.1
	EAST NORTH CENTRAL DIVISION	2 241	480	33.7	244.3	23.8	49.5	154.8	556.1	562.3	1 116.5	52.4	31.1	443.7
	OHIO	571	143	10.3	73.6	7.0	14.9	44.7	158.1	156.1	313.7	17.2	9.7	134.7
	INDIANA	343	68	5.2	34.5	3.5	7.2	20.6	85.8	79.5	164.7	7.8	(D)	(D)
	ILLINOIS	507	99	6.7	50.1	5.0	10.2	34.4	119.4	127.9	246.2	11.0	6.8	99.4
	MICHIGAN	505	106	7.4	55.7	5.2	11.0	34.7	129.6	134.5	265.2	10.2	6.4	98.4
	WISCONSIN	315	64	4.2	30.4	3.1	6.3	20.3	63.2	64.4	126.7	6.2	(D)	(D)
	WEST NORTH CENTRAL DIVISION	1 174	227	16.2	100.3	12.5	25.4	69.9	231.5	221.4	451.8	24.5	14.8	190.4
	MINNESOTA	276	54	3.6	24.3	2.8	5.9	16.8	53.1	49.8	102.5	4.8	3.1	37.7
	IOWA	267	48	3.8	24.3	3.0	6.2	17.0	65.7	53.2	118.3	6.2	3.5	55.9
	MISSOURI	262	49	4.2	25.8	3.2	6.2	18.5	53.7	57.9	111.6	7.5	3.9	46.0
	NORTH DAKOTA	47	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.8
	SOUTH DAKOTA	55	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	6.1
	NEBRASKA	112	25	1.6	8.7	1.3	2.6	6.1	19.8	22.3	42.0	1.5	1.5	16.4
	KANSAS	155	37	2.1	11.8	1.5	2.9	7.8	27.4	27.4	54.6	3.6	1.8	24.5
	SOUTH REGION	3 191	881	59.2	318.0	43.6	92.0	207.7	760.6	826.6	1 584.1	105.0	58.0	637.5
	SOUTH ATLANTIC DIVISION	1 511	473	30.6	164.9	22.1	46.7	104.6	390.0	409.7	798.4	60.6	30.0	324.6
	DELAWARE[3]	26	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	10.1
	MARYLAND	144	51	3.4	21.0	2.3	4.8	12.3	56.3	53.1	109.2	2.7	3.1	44.0
	DISTRICT OF COLUMBIA	9	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	8.8
	VIRGINIA	204	68	5.1	28.5	3.8	8.2	18.6	65.3	64.3	130.1	7.3	5.4	63.5
	WEST VIRGINIA	79	18	1.2	6.4	.9	1.8	4.4	12.5	14.5	26.8	1.0	1.1	10.1
	NORTH CAROLINA	235	69	4.1	20.8	2.9	6.1	12.4	46.1	49.4	95.2	4.1	3.8	32.2
	SOUTH CAROLINA	113	32	2.1	10.4	1.6	3.5	7.2	23.1	23.7	47.0	3.1	1.7	14.6
	GEORGIA	244	84	5.4	26.9	4.0	8.3	17.7	62.7	70.4	133.1	7.2	4.4	45.2
	FLORIDA	457	134	8.2	43.5	5.6	12.2	26.2	106.7	114.1	219.5	34.2	9.2	96.0
	EAST SOUTH CENTRAL DIVISION	679	168	10.6	55.1	7.9	16.4	35.6	127.6	141.1	268.4	13.0	10.0	101.1
	KENTUCKY	167	31	1.9	10.5	1.3	2.7	6.2	24.9	30.1	54.9	(D)	1.9	19.4
	TENNESSEE	209	60	3.9	20.2	2.9	6.1	13.0	44.7	49.8	94.6	4.4	(D)	(D)
	ALABAMA	192	49	3.1	15.8	2.3	4.8	10.5	35.7	35.9	72.0	3.8	(D)	(D)
	MISSISSIPPI	111	28	1.7	8.7	1.3	2.8	5.8	22.3	25.3	46.9	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	1 001	240	17.9	98.1	13.7	28.9	67.5	243.1	275.7	517.3	31.4	18.0	211.8
	ARKANSAS	106	18	1.3	6.6	1.1	2.2	5.0	17.3	17.7	34.9	4.7	1.2	12.3
	LOUISIANA	177	47	3.7	21.3	2.9	5.8	15.0	50.3	58.9	109.5	7.5	2.8	33.2
	OKLAHOMA	168	26	2.1	11.9	1.5	3.5	7.9	30.8	29.1	59.5	2.3	2.1	27.4
	TEXAS	550	149	10.9	58.2	8.2	17.4	39.6	144.7	170.1	313.5	16.9	11.9	138.9

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
327	CONCRETE, GYPSUM, PLASTER PRODUCTS--CONTINUED													
	WEST REGION	1 734	416	29.0	213.1	20.5	40.1	138.8	447.9	460.9	907.3	42.9	32.1	452.5
	MOUNTAIN DIVISION	580	129	8.9	59.1	6.6	13.1	39.6	124.5	113.2	236.9	14.1	10.3	136.7
	MONTANA[e]	62	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	6.1
	IDAHO	54	13	.8	4.1	.6	1.1	2.9	9.5	8.3	18.2	.5	.6	6.1
	WYOMING	38	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	144	30	2.2	14.4	1.5	3.0	8.8	29.5	29.4	58.7	2.3	2.1	25.9
	NEW MEXICO	66	9	.8	4.9	.6	1.3	3.2	11.3	11.3	22.4	1.5	1.1	13.4
	ARIZONA	106	26	2.0	14.7	1.5	3.1	10.4	28.8	25.0	53.4	5.7	2.5	31.3
	UTAH	71	24	1.4	9.0	1.1	2.3	6.3	21.4	17.3	38.8	1.3	(D)	(D)
	NEVADA	39	15	.8	7.1	.6	1.1	4.3	12.3	11.9	24.2	(D)	1.3	26.9
	PACIFIC DIVISION	1 154	287	20.1	154.0	13.9	27.0	99.2	323.3	347.7	670.4	28.8	21.9	315.8
	WASHINGTON	187	55	4.2	31.8	3.2	6.2	23.2	63.6	61.7	124.5	(D)	3.7	44.3
	OREGON	144	22	1.7	12.8	1.4	2.6	9.1	25.8	23.4	49.1	(D)	1.9	25.8
	CALIFORNIA	787	198	13.2	101.7	8.7	16.9	62.0	218.6	245.7	464.6	18.7	15.5	232.8
	HAWAII	22	10	.8	6.0	.6	1.2	4.0	11.8	13.9	25.7	1.2	.6	9.8
328	CUT STONE AND STONE PRODUCTS	811	196	16.6	90.8	14.1	28.3	70.9	148.2	88.9	236.4	6.1	18.3	131.5
	NORTHEAST REGION	287	63	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.7	44.9
	NEW ENGLAND DIVISION	147	40	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.9	31.5
	NEW HAMPSHIRE	5	4	.2	1.6	.2	.5	1.2	2.9	2.4	5.5	.2	.2	1.8
	VERMONT	92	27	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.8	22.7
	MASSACHUSETTS	27	4	.5	3.3	.4	.9	2.4	5.6	2.4	7.6	.2	.5	4.4
	RHODE ISLAND[e]	8	2	.2	.8	.1	.3	.6	1.2	.8	2.0	.1	.1	1.1
	MIDDLE ATLANTIC DIVISION	140	23	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8	13.4
	NEW YORK[e]	73	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	7.6
	PENNSYLVANIA	52	12	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	5.5
	NORTH CENTRAL REGION	204	68	5.7	34.0	4.8	9.8	25.6	53.3	28.7	82.2	2.3	6.7	49.5
	EAST NORTH CENTRAL DIVISION	137	41	3.2	18.9	2.8	5.5	15.3	30.2	14.3	44.8	1.4	3.8	29.1
	OHIO	26	6	.7	4.0	.6	1.2	3.2	6.7	3.1	9.7	.4	(D)	(D)
	INDIANA	38	23	1.7	9.5	1.4	2.8	7.8	15.0	5.6	20.9	.4	2.0	14.0
	ILLINOIS	32	8	.4	2.8	.4	.8	2.3	4.7	3.6	8.3	.2	.4	3.9
	WISCONSIN	26	4	.3	2.1	.3	.6	1.7	3.1	1.5	4.5	.4	.4	3.9
	WEST NORTH CENTRAL DIVISION[e]	67	27	2.6	15.0	2.1	4.3	10.3	23.1	14.4	37.4	.9	2.9	20.3
	MINNESOTA[e]	25	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8	12.9
	MISSOURI	16	4	.6	3.3	.5	1.1	2.4	5.0	3.1	8.1	.5	.6	3.9
	KANSAS	11	4	.3	1.2	.2	.4	.9	1.6	1.4	3.0	(Z)	.2	1.3
	SOUTH REGION	223	58	4.9	22.8	4.3	8.3	18.5	39.1	23.2	62.2	2.0	5.1	30.9
	SOUTH ATLANTIC DIVISION	127	37	3.4	15.6	3.0	5.8	13.0	26.8	14.5	41.4	1.5	(D)	(D)
	VIRGINIA	9	4	.3	1.2	.2	.6	1.0	2.6	.6	3.2	(D)	.2	1.5
	NORTH CAROLINA	18	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	2.6
	GEORGIA	71	24	2.2	10.3	2.0	3.8	8.8	17.7	10.0	27.5	.8	2.1	13.2
	EAST SOUTH CENTRAL DIVISION	38	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	21	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	3.4
	ALABAMA	10	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	1.8
	MISSISSIPPI[e]	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION[e]	58	12	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS[e]	41	6	.4	2.0	.3	.7	1.5	3.5	3.0	6.4	.1	.5	3.6
	WEST REGION[e]	97	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	5.9
	PACIFIC DIVISION[e]	61	7	.6	3.7	.5	.9	2.7	6.0	3.5	9.5	.2	(D)	(D)
	CALIFORNIA[e]	51	7	.5	3.3	.4	.8	2.4	5.3	3.1	8.5	.2	.6	4.5
329	MISC. NONMETALLIC MINERAL PRODUCTS	1 842	708	106.1	725.8	80.7	162.1	499.7	1 546.5	1 250.6	2 795.3	128.7	100.6	1 337.6
	NORTHEAST REGION	558	245	45.2	323.5	32.4	64.4	210.7	638.3	487.3	1 124.7	42.2	40.7	509.8
	NEW ENGLAND DIVISION	114	57	12.1	88.6	8.2	16.3	54.5	166.8	118.5	285.1	9.2	10.1	126.8
	NEW HAMPSHIRE	9	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	70	34	7.9	59.9	5.1	9.8	34.0	115.4	79.0	194.7	6.6	6.5	87.3
	CONNECTICUT	31	17	3.3	24.0	2.4	5.1	17.2	41.5	33.3	74.3	2.3	2.7	31.0
	MIDDLE ATLANTIC DIVISION	444	188	33.0	234.9	24.1	48.1	156.1	471.5	368.8	839.6	33.0	30.6	383.1
	NEW YORK	172	54	13.2	96.5	9.3	17.8	59.1	194.7	153.3	347.9	15.0	12.2	155.2
	NEW JERSEY	121	53	9.4	66.6	7.0	14.6	47.7	130.4	112.2	242.8	8.7	8.9	118.1
	PENNSYLVANIA	151	81	10.4	71.8	7.8	15.7	49.3	146.4	103.3	248.9	9.3	9.4	109.8
	NORTH CENTRAL REGION	613	252	36.5	247.3	28.5	57.4	176.7	543.5	460.2	1 000.2	45.0	37.6	517.8
	EAST NORTH CENTRAL DIVISION	507	223	32.5	219.4	25.2	50.7	154.7	483.1	409.1	887.7	39.3	29.2	373.9
	OHIO	147	70	10.6	74.3	8.3	16.9	54.7	165.4	136.8	302.3	15.3	8.9	111.3
	INDIANA	51	29	4.7	29.7	3.8	7.9	22.3	57.2	47.3	105.0	7.5	4.8	55.4
	ILLINOIS	161	68	11.5	78.0	8.7	17.3	53.4	169.9	131.5	298.0	8.3	11.3	150.1
	MICHIGAN	104	44	4.2	29.1	3.1	6.2	18.3	64.9	63.6	127.6	4.3	3.2	43.7
	WISCONSIN	44	12	1.5	8.3	1.3	2.4	6.1	25.7	29.9	54.8	3.9	1.0	13.4

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
329	MISC. NONMETALLIC MINERAL PRODUCTS--CONTINUED													
	WEST NORTH CENTRAL DIVISION	106	29	4.0	27.9	3.3	6.7	22.1	60.4	51.1	112.6	5.7	8.4	143.9
	MINNESOTA	23	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	49	16	1.2	7.6	1.0	2.0	5.7	19.9	12.7	32.0	1.1	1.2	16.3
	KANSAS	14	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	354	134	16.3	97.4	13.5	27.6	72.2	233.4	194.0	428.1	27.1	14.1	177.5
	SOUTH ATLANTIC DIVISION	138	53	7.7	44.7	6.5	12.8	33.6	111.8	80.7	192.8	10.5	7.0	81.5
	MARYLAND	15	7	1.2	8.1	1.0	1.9	6.6	20.4	19.0	40.0	1.4	(D)	(D)
	VIRGINIA	17	10	1.6	7.2	1.3	2.4	5.7	16.1	10.1	26.1	1.2	1.4	11.5
	WEST VIRGINIA	9	4	.7	4.5	.5	1.1	3.4	12.6	6.9	19.5	.6	.6	9.5
	NORTH CAROLINA	32	11	1.4	6.9	1.2	2.4	5.1	16.7	14.3	30.7	1.7	1.2	8.9
	SOUTH CAROLINA	11	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	6.9
	GEORGIA	20	9	.9	5.2	.7	1.3	3.4	11.5	10.4	21.7	1.8	.8	8.2
	FLORIDA	31	7	1.0	6.2	.9	1.7	4.7	23.9	14.1	38.5	.8	.6	12.2
	EAST SOUTH CENTRAL DIVISION	76	34	3.1	19.5	2.5	5.3	14.5	45.5	40.0	85.1	7.1	3.1	41.6
	KENTUCKY	15	6	.9	6.8	.7	1.6	5.1	15.7	10.3	26.0	(D)	.8	10.1
	TENNESSEE	21	6	.5	2.6	.4	.9	1.7	5.5	6.1	11.4	.3	.8	7.6
	ALABAMA	34	17	1.1	6.2	.8	1.8	4.4	15.0	13.1	27.7	1.7	.8	9.6
	MISSISSIPPI	6	5	.6	4.0	.5	1.1	3.2	9.3	10.4	19.9	(D)	.7	14.3
	WEST SOUTH CENTRAL DIVISION	140	47	5.5	33.2	4.4	9.4	24.1	76.0	73.3	150.2	9.5	4.0	54.4
	ARKANSAS	13	4	.2	1.3	.2	.4	.9	2.6	2.2	4.8	.2	(D)	(D)
	LOUISIANA	15	7	1.1	7.3	.9	1.9	5.6	15.0	19.1	33.7	.9	1.1	17.1
	OKLAHOMA	8	2	.2	.9	.1	.3	.6	1.8	1.4	3.2	.1	(D)	(D)
	TEXAS	104	34	3.9	23.7	3.2	6.9	17.0	56.6	50.6	108.4	8.3	2.5	33.6
	WEST REGION	317	77	8.2	57.6	6.3	12.7	40.0	131.3	109.1	242.2	14.3	8.1	135.7
	MOUNTAIN DIVISION	61	10	.7	4.1	.5	1.0	2.9	11.7	8.2	20.1	(D)	.7	10.2
	COLORADO	17	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH	10	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	3.3
	PACIFIC DIVISION	256	67	7.6	53.5	5.8	11.7	37.1	119.6	100.9	222.1	(D)	7.4	125.5
	WASHINGTON	31	5	.4	2.9	.4	.7	2.2	6.6	5.0	12.0	.3	.4	5.6
	CALIFORNIA	200	60	6.9	49.3	5.3	10.7	33.9	110.5	94.4	206.1	13.3	6.9	119.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TABLE 3. Detailed Statistics: 1967

Item	Stone, clay, and glass products (SIC 32)	Flat glass (SIC 321)	Glass and glassware, pressed or blown (SIC 322)	Products of purchased glass (SIC 323)	Cement hydraulic (SIC 324)	Structural clay products (SIC 325)	Pottery and related products (SIC 326)	Concrete, gypsum, and plants products (SIC 327)	Cut stone and stone products (SIC 328)	Miscellaneous nonmetallic mineral products (SIC 329)
ESTABLISHMENTS, TOTAL . . . . . NUMBER	15 580	64	305	887	197	851	619	10 004	811	1 842
WITH 1 TO 19 EMPLOYEES . . . . . DO	10 669	25	80	629	17	227	388	7 554	615	1 134
WITH 20 TO 99 EMPLOYEES . . . . . DO	3 716	12	32	193	34	462	129	2 216	167	471
WITH 100 EMPLOYEES OR MORE . . . . . DO	1 195	27	193	65	146	162	102	234	29	237
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	589.9	23.9	109.2	29.2	32.6	60.3	42.7	169.1	16.6	106.1
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	3 825.5	196.6	688.4	182.1	247.7	343.9	246.9	1 103.3	90.8	725.8
PRODUCTION WORKERS:										
AVERAGE FOR YEAR 1,000	469.3	19.8	95.9	23.9	26.2	49.9	36.0	122.7	14.1	80.7
MARCH . . . . . DO	454.0	20.9	94.3	23.1	24.9	47.8	36.2	111.6	13.4	81.6
MAY . . . . . DO	469.2	19.2	95.3	23.3	26.6	50.3	35.3	124.6	14.3	80.0
AUGUST . . . . . DO	482.2	19.1	96.2	24.1	27.8	51.9	36.2	131.0	14.3	81.4
NOVEMBER . . . . . DO	471.6	19.7	97.8	25.0	25.9	49.7	36.2	123.5	13.7	79.9
MAN-HOURS . . . . . MILLIONS	948.4	40.2	191.6	47.4	52.5	101.2	70.1	255.0	28.3	162.1
JANUARY-MARCH . . . . . DO	226.6	10.7	46.6	11.6	12.5	23.8	17.8	56.2	6.6	40.7
APRIL-JUNE . . . . . DO	239.0	10.0	48.0	11.6	13.4	25.7	17.5	64.8	7.3	40.6
JULY-SEPTEMBER . . . . . DO	242.6	9.4	47.5	11.6	13.6	26.4	16.6	70.2	7.2	40.0
OCTOBER-DECEMBER . . . . . DO	240.2	10.1	49.5	12.7	13.0	25.3	18.1	63.8	6.8	40.8
WAGES . . . . . MILLION DOLLARS	2 784.1	157.6	573.9	134.7	184.4	253.7	190.0	719.0	70.9	499.7
COST OF MATERIALS, ETC., TOTAL[1] . . . . . DO	6 145.8	194.7	726.3	407.2	439.2	315.8	193.3	2 530.0	88.9	1 250.6
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . DO	4 932.9	157.1	592.6	350.9	227.7	193.9	149.7	2 129.1	70.2	1 061.6
COST OF RESALES . . . . . DO	498.9	8.8	17.6	44.9	17.4	37.5	26.1	234.1	8.8	103.6
FUELS CONSUMED . . . . . DO	437.5	20.7	72.7	4.6	124.6	63.8	10.8	96.0	1.7	42.5
PURCHASED ELECTRIC ENERGY . . . . . DO	200.3	8.0	30.0	4.6	65.9	17.2	5.2	34.2	3.3	31.9
CONTRACT WORK . . . . . DO	76.4	.1	13.3	2.1	3.6	3.4	1.5	36.7	4.7	17.0
VALUE OF SHIPMENTS, INCLUDING RESALES[1] . . . . . DO	14 449.4	611.3	2 238.6	794.7	1 246.5	921.5	605.4	4 999.6	236.4	2 795.3
VALUE OF RESALES . . . . . DO	624.3	9.2	19.3	48.5	19.1	45.6	35.6	305.6	10.3	131.1
VALUE ADDED BY MANUFACTURE . . . . . DO	8 333.4	422.9	1 501.1	393.9	812.3	611.9	418.7	2 478.0	148.2	1 546.5
MANUFACTURERS' INVENTORIES:										
BEGINNING OF YEAR, TOTAL . . . . . DO	1 803.5	88.0	288.0	125.2	195.5	186.9	90.9	340.8	30.1	458.1
FINISHED PRODUCTS . . . . . DO	946.9	23.6	201.7	63.3	73.5	125.6	37.9	189.4	10.8	221.1
WORK IN PROCESS . . . . . DO	249.8	23.9	24.5	26.0	31.1	13.0	24.8	26.1	8.9	71.5
MATERIALS, SUPPLIES, FUEL, ETC. . . . . DO	606.6	40.5	61.8	35.9	90.8	48.3	28.1	125.2	10.4	165.6
END OF YEAR, TOTAL . . . . . DO	1 851.2	93.1	282.9	133.6	204.3	191.1	98.1	362.0	31.1	454.6
FINISHED PRODUCTS . . . . . DO	963.0	26.1	189.7	68.4	76.8	131.0	42.1	196.6	10.8	221.5
WORK IN PROCESS . . . . . DO	264.6	27.7	25.3	27.3	33.7	13.8	27.3	27.3	9.5	72.7
MATERIALS, SUPPLIES, FUEL, ETC. . . . . DO	623.4	39.4	67.9	37.9	93.8	46.3	28.8	138.1	10.8	160.4
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . DO	866.9	60.1	159.3	23.1	93.5	62.6	30.5	295.2	7.2	135.1
NEW PLANT AND EQUIPMENT, TOTAL . . . . . DO	820.9	59.9	152.7	21.9	90.5	59.3	29.9	271.8	6.1	128.7
NEW STRUCTURES AND ADDITIONS TO PLANT . . . DO	193.0	9.2	38.6	5.5	21.7	14.0	10.7	60.4	1.5	31.4
NEW MACHINERY AND EQUIPMENT . . . . . DO	627.8	50.7	114.1	16.4	68.9	45.3	19.2	211.4	4.5	97.3
USED PLANT AND EQUIPMENT . . . . . DO	46.0	.2	6.6	1.2	3.0	3.3	.6	23.4	1.1	6.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

GLASS PRODUCTS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3211--Flat Glass
3221--Glass Containers
3229--Pressed and Blown Glass and Glassware, Not Elsewhere Classified
3231--Glass Products, Made of Purchased Glass

This group of industries includes establishments primarily engaged in manufacturing flat glass and glass products not specifically classified in other industries. For example, establishments primarily engaged in manufacturing the following glass products are not included in this group of industries: Complete electric light bulbs, electronic or X-ray tubes (classified in Major Group 36, Electrical Machinery and Equipment), ophthalmic goods, including prescription sun glasses and eye-protective goggles (classified in industry 3851, Ophthalmic Goods), glass fabrics (classified in industry 2221, Weaving Mills, Synthetic), glass insulation (classified in industry 3296, Mineral Wool).

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3211--FLAT GLASS

This industry comprises establishments primarily engaged in manufacturing flat glass. This industry also produces laminated glass, but establishments primarily engaged in manufacturing laminated glass from purchased flat glass are classified in industry 3231. For a detailed list of products of industry 3211, refer to table 6A.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Flat Glass Industry in 1967 totaled $611.3 million. This included shipments of flat glass (primary products), and other products (secondary products) valued at $601.0 million, and miscellaneous receipts (mainly resales) of $10.3 million.

This industry's shipments of flat glass (primary products) in 1967 represented more than 85 percent (specialization ratio) of its total product shipments (primary and secondary).

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3211, these establishments accounted for .05 percent of payroll and .02 percent of value added by manufacture.

3221--GLASS CONTAINERS

This industry comprises establishments primarily engaged in manufacturing glass containers for commercial packing and bottling, and for home canning. For a detailed list of products of industry 3221, refer to table 6A, product codes 3221011 to 3221062.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Glass Containers Industry in 1967 totaled $1,352.4 million. This included shipments of glass containers (primary products), valued at $1,327.0 million, shipments of other products (secondary products) valued at $6.1 million, and miscellaneous receipts (mainly resales) of $19.3 million.

This industry's shipments of glass containers (primary products) in 1967 represented 99 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was also 99 percent.

Industry 3221 shipments of glass containers (primary products) in 1967 represented 99 percent (coverage ratio) of these products valued at $1,331.0 million shipped by all industries. In 1963, the coverage ratio was also 99 percent.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3221, these establishments accounted for less than 1 percent of payroll and value added by manufacture.

3229--PRESSED AND BLOWN GLASS AND GLASSWARE, N.E.C.

This industry comprises establishments primarily engaged in manufacturing glass and glassware, not elsewhere classified, pressed, blown, or shaped from glass produced in the same establishment. Establishments primarily engaged in manufacturing textile glass fibers are also included in this industry, but establishments primarily engaged in manufacturing glass wool insulation products are classified in industry 3296. Establishments primarily engaged in the production of pressed lenses for vehicular lighting, beacons, and lanterns are also included in this industry, but establishments primarily engaged in the production of optical lenses are classified in industry 3831. Establishments primarily engaged in manufacturing glass containers are classified in industry 3221. For a detailed list of products of industry 3229, refer to table 6A, product codes 3229121 to 3229429.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Pressed and Blown Glass, N.E.C., Industry in 1967 totaled $886.2 million. This included shipments of pressed and blown glass, n.e.c. (primary products), valued at $859.1 million, shipments of other products (secondary products) valued at $24.2 million, and miscellaneous receipts (mainly resales) of $2.9 million.

This industry's shipments of pressed and blown glass, n.e.c. (primary products) in 1967 represented 97 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 96 percent. Secondary products shipped by this industry in 1967 consisted mainly of electric housewares and fans and flat glass.

Industry 3229 shipments of pressed and blown glass, n.e.c. (primary products) in 1967 represented 98 percent (coverage ratio) of these products valued at $880.4 million shipped by all industries. In 1963, the coverage ratio was 97 percent. Other industries shipping pressed and blown glass, n.e.c. (primary products) consisted mainly of industry 3296, Mineral Wool, $14.8 million; industry 3564, Blowers and Fans, $2.3 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3229, these establishments accounted for 0.2 percent of payroll and 0.2 percent of value added by manufacture.

3231--GLASS PRODUCTS, MADE OF PURCHASED GLASS

This industry comprises establishments primarily engaged in manufacturing glass products from purchased glass. Establishments primarily engaged in manufacturing optical lenses and ophthalmic lenses are classified in Major Group 38. For a detailed list of products of industry 3231, refer to table 6A, product codes 3231511 to 3231698.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Products of Purchased Glass Industry in 1967 totaled $794.7 million. This included shipments of products of purchased glass (primary products) and other products (secondary products) valued at $739.4 million, and miscellaneous receipts (mainly resales) of $55.2 million.

This industry's shipments of products of purchased glass (primary products) in 1967 and 1963 represented over 90 percent (specialization ratio) of its total product shipments (primary and secondary).

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3231 these establishments accounted for 2.7 percent of payroll and 2.7 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3211.--FLAT GLASS														
1967 Census....	64	39	23.9	196.6	19.8	40.2	157.6	422.9	194.7	611.3	59.9	93.1	[3]85	(D)
1966 ASM[1].....	(NA)	(NA)	24.9	205.9	21.0	43.8	169.5	431.2	205.2	638.1	74.4	89.7	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	25.3	205.3	21.5	45.5	171.7	461.7	216.7	676.5	40.6	87.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	22.5	178.7	19.1	41.6	149.4	382.5	195.0	569.5	22.3	81.4	(NA)	(NA)
1963 Census....	31	30	22.8	172.2	19.4	39.7	143.8	364.5	185.9	549.4	28.2	72.7	[3]90	(D)
1962 ASM[1].....	(NA)	(NA)	22.4	162.6	19.1	38.8	136.0	315.2	176.2	490.7	34.0	71.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	21.2	146.2	17.9	35.5	120.7	284.6	164.7	448.5	39.0	69.1	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	23.5	167.6	20.0	41.5	140.2	345.2	180.5	529.9	36.1	70.7	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	27.3	180.6	23.8	47.0	156.0	400.5	174.9	557.4	18.9	78.5	(NA)	(NA)
1958 Census[2]...	32	31	21.2	133.6	17.6	35.9	110.7	263.2	115.1	384.7	21.6	55.2	[3]90	(D)
INDUSTRY 3221.--GLASS CONTAINERS														
1967 Census....	120	112	66.7	426.1	59.4	119.4	362.3	842.2	489.1	1,352.4	70.8	154.3	99	99
1966 ASM[1].....	(NA)	(NA)	64.5	391.3	57.4	115.1	332.4	763.1	460.9	1,207.5	116.8	172.1	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	61.5	358.3	54.8	109.0	303.4	679.4	418.3	1,091.8	72.3	151.9	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	60.4	340.9	53.8	108.8	279.7	646.6	414.4	1,055.9	59.5	143.6	(NA)	(NA)
1963 Census....	113	105	60.0	328.0	53.5	107.1	278.7	629.6	392.5	1,004.5	53.8	137.3	99	99
1962 ASM[1].....	(NA)	(NA)	60.0	326.7	53.3	106.9	276.0	613.0	375.5	987.6	53.6	124.0	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	60.2	314.5	53.7	106.6	265.1	601.2	366.7	967.4	68.9	125.7	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	58.5	298.3	52.0	104.3	251.4	567.5	375.2	939.2	34.8	122.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	56.2	271.9	50.1	98.8	228.9	561.3	354.6	915.6	32.9	110.5	(NA)	(NA)
1958 Census[2]...	100	92	54.9	259.9	48.6	97.6	218.4	532.5	333.6	862.1	31.2	106.9	99	99
INDUSTRY 3229.--PRESSED AND BLOWN GLASS, N.E.C.														
1967 Census....	185	113	42.5	262.3	36.5	72.2	211.6	658.9	237.2	886.2	81.9	128.6	97	98
1966 ASM[1].....	(NA)	(NA)	43.2	266.5	37.9	76.3	222.2	708.7	233.8	926.6	92.5	120.0	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	39.8	232.4	34.7	68.7	191.1	569.2	220.5	787.7	54.7	105.5	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	38.4	216.5	32.7	65.9	175.7	529.8	211.0	731.0	38.8	101.6	(NA)	(NA)
1963 Census....	107	95	38.0	207.3	33.1	64.9	167.9	472.2	167.5	630.9	22.7	95.4	96	97
1962 ASM[1].....	(NA)	(NA)	38.1	199.7	33.1	64.7	161.2	448.1	174.5	619.5	24.4	89.0	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	37.4	190.4	32.4	62.7	153.8	425.3	163.9	584.8	27.6	89.9	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	37.1	181.8	34.3	67.5	162.1	408.8	173.3	568.9	41.8	85.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	38.0	184.0	33.4	65.8	152.3	398.6	151.8	547.5	*33.8	69.5	(NA)	(NA)
1958 Census[2]...	140	98	35.4	161.3	30.5	59.0	131.9	312.3	128.9	445.4	19.4	62.9	98	97
INDUSTRY 3231.--PRODUCTS OF PURCHASED GLASS														
1967 Census....	887	258	29.2	182.1	23.9	47.4	134.7	393.9	407.2	794.7	21.9	133.6	[3]90	(D)
1966 ASM[1].....	(NA)	(NA)	29.6	179.9	24.4	48.9	131.7	376.1	392.3	754.1	42.8	119.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	28.7	164.3	23.8	47.6	122.6	369.9	358.2	722.0	19.5	105.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	26.6	150.0	22.0	44.3	111.5	323.3	335.1	644.1	40.8	101.5	(NA)	(NA)
1963 Census....	1,044	249	26.2	138.3	21.7	43.4	103.9	309.7	320.3	627.3	13.2	88.9	90	(D)
1962 ASM[1].....	(NA)	(NA)	27.7	138.1	22.9	44.9	103.5	301.5	268.7	562.6	18.5	89.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	27.0	127.7	22.2	43.1	95.1	286.9	247.6	520.6	7.4	87.7	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	28.0	131.8	23.2	44.8	100.7	314.4	260.3	557.8	*13.6	80.2	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	28.6	135.3	24.4	46.8	105.3	311.1	293.2	581.1	*20.2	75.6	(NA)	(NA)
1958 Census[2]...	1,031	239	24.0	109.6	19.7	38.1	83.1	242.7	226.0	468.8	16.5	59.7	98	81

Note: In 1967, 1963, and 1958, the number of companies in industry 3211 was 39, 11, and 14, respectively; in industry 3221: 39, 40, and 42; industry 3229: 139, 75, and 111; industry 3231: 845, 1,016, and 1,002. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (*) These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3211.--FLAT GLASS								
1967 Census	8,241	83	2,032	3.92	.32	.64	17,723	46	10.53
1966 ASM	8,280	84	2,086	3.87	.32	.64	17,339	48	9.85
1965 ASM	8,116	85	2,112	3.77	.32	.62	18,254	44	10.15
1964 ASM	7,929	85	2,176	3.59	.34	.66	16,969	47	9.19
1963 Census	7,548	85	2,042	3.62	.34	.65	15,975	47	9.18
1962 ASM	7,268	85	2,032	3.50	.36	.69	14,092	52	8.12
1961 ASM	6,911	85	1,979	3.40	.37	.69	13,450	51	8.02
1960 ASM	7,142	85	2,073	3.38	.34	.66	14,707	49	8.32
1959 ASM	6,621	87	1,970	3.32	.31	.64	14,682	45	8.53
1958 Census	6,306	83	2,035	3.09	.30	.65	12,425	51	7.34
	INDUSTRY 3221.--GLASS CONTAINERS								
1967 Census	6,389	89	2,010	3.03	.36	.68	12,628	51	7.05
1966 ASM	6,070	89	2,003	2.89	.38	.71	11,835	51	6.63
1965 ASM	5,823	89	1,990	2.78	.38	.71	11,042	53	6.23
1964 ASM	5,643	89	2,023	2.57	.39	.72	10,702	53	5.94
1963 Census	5,467	89	2,002	2.60	.39	.72	10,496	52	5.88
1962 ASM	5,443	89	2,004	2.58	.38	.71	10,210	53	5.73
1961 ASM	5,228	89	1,986	2.49	.38	.70	9,995	52	5.64
1960 ASM	5,096	89	2,005	2.41	.40	.72	9,850	52	5.53
1959 ASM	4,835	89	1,972	2.32	.39	.68	9,980	48	5.28
1958 Census	4,731	89	2,007	2.24	.39	.69	9,692	49	5.45
	INDUSTRY 3229.--PRESSED AND BLOWN GLASS, N.E.C.								
1967 Census	6,178	86	1,979	2.93	.27	.56	15,518	40	9.12
1966 ASM	6,165	92	1,912	2.91	.25	.54	16,392	38	9.29
1965 ASM	5,839	87	1,982	2.78	.28	.57	14,303	41	8.29
1964 ASM	5,639	85	2,013	2.67	.29	.58	13,803	41	8.04
1963 Census	5,455	87	1,962	2.59	.27	.59	12,427	44	7.28
1962 ASM	5,235	87	1,954	2.49	.28	.60	11,749	45	6.92
1961 ASM	5,085	86	1,937	2.45	.28	.61	11,360	45	6.78
1960 ASM	4,904	92	1,972	2.40	.30	.62	11,027	44	6.05
1959 ASM	4,846	88	1,971	2.31	.28	.61	10,478	46	6.06
1958 Census	4,562	86	1,935	2.24	.29	.65	8,834	52	5.30
	INDUSTRY 3231.--PRODUCTS OF PURCHASED GLASS								
1967 Census	6,234	82	1,985	2.84	.51	.74	13,485	46	8.31
1966 ASM	6,082	82	2,005	2.69	.52	.76	12,714	48	7.69
1965 ASM	5,723	83	1,998	2.58	.50	.72	12,884	44	7.78
1964 ASM	5,646	83	2,016	2.52	.52	.75	12,167	46	7.30
1963 Census	5,286	83	2,002	2.39	.51	.73	11,841	45	7.14
1962 ASM	4,985	83	1,962	2.30	.48	.72	10,880	46	6.71
1961 ASM	4,735	82	1,943	2.21	.48	.72	10,639	45	6.66
1960 ASM	4,715	83	1,930	2.25	.47	.70	11,241	42	7.02
1959 ASM	4,728	85	1,918	2.25	.50	.74	10,868	43	6.64
1958 Census	4,561	82	1,932	2.18	.48	.72	10,101	45	6.36

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3211-- FLAT GLASS													
UNITED STATES	64	39	23.9	196.6	19.8	40.2	157.6	422.9	194.7	611.3	59.9	22.8	364.5
NORTHEAST REGION	11	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	9	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.5	48.9
PENNSYLVANIA	7	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.5	48.9
NORTH CENTRAL REGION	22	12	8.5	75.8	7.3	15.1	62.8	176.9	64.4	238.7	29.2	8.4	162.2
EAST NORTH CENTRAL DIVISION	17	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OHIO	5	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	6	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	3	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	5	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	4	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)
SOUTH REGION	20	16	9.6	75.8	7.8	15.8	59.8	161.2	63.5	221.1	13.9	(D)	(D)
SOUTH ATLANTIC DIVISION	9	8	3.8	29.8	3.1	6.5	23.6	57.4	24.2	80.5	2.3	(D)	(D)
MARYLAND	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	6	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.1	35.0
EAST SOUTH CENTRAL DIVISION	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	8	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
LOUISIANA	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OKLAHOMA	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	11	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	11	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	10	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3221-- GLASS CONTAINERS													
UNITED STATES	120	112	66.7	426.1	59.4	119.4	362.3	842.2	489.1	1 352.4	70.8	60.0	629.6
NORTHEAST REGION	36	33	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW ENGLAND DIVISION	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
RHODE ISLAND	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CONNECTICUT	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	34	31	2.2	132.1	18.8	36.8	112.2	265.4	146.3	414.0	(D)	19.8	199.8
NEW YORK	6	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	13	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	15	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8.5	78.9
NORTH CENTRAL REGION	29	27	19.5	122.7	17.6	35.8	106.0	231.3	141.9	376.5	20.9	(D)	(D)
OHIO	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
INDIANA	10	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	12	12	10.0	63.9	9.0	18.3	55.2	121.4	72.7	196.5	(D)	9.2	102.9
MICHIGAN	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	36	34	16.5	104.5	14.6	29.7	86.9	215.4	124.0	348.4	14.9	14.4	149.2
SOUTH ATLANTIC DIVISION	18	17	10.2	66.1	9.0	18.5	54.9	138.6	79.0	225.0	9.4	9.1	90.6
MARYLAND	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8	15.3
WEST VIRGINIA	5	5	4.0	26.9	3.6	7.1	22.6	51.0	28.8	81.7	1.7	[2](D)	[2](D)
NORTH CAROLINA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	4	4	1.7	10.2	1.5	2.9	8.5	18.4	10.9	29.6	1.2	1.7	18.0
TENNESSEE	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	14	13	4.6	28.2	4.1	8.3	23.5	58.4	34.2	93.8	4.3	3.6	40.5
LOUISIANA	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OKLAHOMA	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	5	5	2.0	13.5	1.8	3.8	11.6	29.3	15.5	45.8	(D)	[2](D)	[2](D)
WEST REGION	19	18	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	18	18	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7.7	97.6
WASHINGTON	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OREGON	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	16	16	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3229-- PRESSED AND BLOWN GLASS, NEC													
UNITED STATES	185	113	42.5	262.3	36.5	72.2	211.6	658.9	237.2	886.2	81.9	38.0	472.2
NORTHEAST REGION	63	35	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW ENGLAND DIVISION	4	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
RHODE ISLAND	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	59	33	11.6	75.6	9.0	19.6	60.1	202.8	68.9	263.8	(D)	11.3	117.6
NEW YORK	26	14	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	13	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	20	14	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.9	49.9
NORTH CENTRAL REGION	42	28	14.9	93.6	12.6	24.6	75.7	244.8	78.6	320.3	19.1	(D)	(D)
OHIO	22	19	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
INDIANA	5	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	10	3	.2	1.0	.1	.3	.8	1.4	1.7	2.7	(D)	[2](D)	[2](D)
SOUTH REGION	69	47	14.3	81.9	12.6	25.0	67.1	186.0	82.8	266.9	36.1	(D)	(D)
SOUTH ATLANTIC DIVISION	46	37	11.6	65.8	10.3	20.4	54.5	145.8	68.6	213.8	32.8	10.1	130.3
VIRGINIA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	35	30	6.9	37.2	6.1	11.5	30.8	85.3	31.4	115.6	3.4	(D)	(D)
NORTH CAROLINA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	3	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	9	6	1.7	11.3	1.5	3.2	8.9	25.2	9.8	34.4	2.7	(D)	(D)
KENTUCKY	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	3	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	14	4	.9	4.8	.8	1.4	3.7	15.0	4.4	18.6	.6	(D)	(D)
OKLAHOMA	5	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	11	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.8
PACIFIC DIVISION	10	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	10	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3231-- PRODUCTS OF PURCHASED GLASS													
UNITED STATES	887	258	29.2	182.1	23.9	47.4	134.7	393.9	407.2	794.7	21.9	26.2	309.7
NORTHEAST REGION	390	118	12.2	72.3	10.2	19.9	54.2	136.9	137.0	270.6	7.3	10.9	105.9
NEW ENGLAND DIVISION	41	13	1.3	7.3	1.1	2.2	5.3	13.3	9.5	22.7	.4	1.2	10.5
MASSACHUSETTS	23	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	3.0
RHODE ISLAND	5	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	11	8	.8	4.7	.7	1.4	3.5	8.4	5.0	13.2	.2	.7	6.0
MIDDLE ATLANTIC DIVISION	349	105	10.9	65.0	9.1	17.7	48.9	123.6	127.5	247.9	7.0	9.7	95.5
NEW YORK	175	43	3.7	20.5	3.1	5.9	15.3	42.0	27.2	69.1	3.9	3.8	33.4
NEW JERSEY	95	36	3.1	18.4	2.6	5.2	13.6	32.2	22.1	54.0	1.6	3.0	26.6
PENNSYLVANIA	79	26	4.2	26.1	3.4	6.6	19.9	49.4	78.2	124.7	1.5	3.0	35.2
NORTH CENTRAL REGION	224	71	10.7	75.8	8.5	17.2	56.5	179.6	194.1	371.5	8.2	9.7	150.5
EAST NORTH CENTRAL DIVISION	187	63	10.0	71.9	8.0	16.2	54.1	170.6	184.1	352.5	7.6	9.2	145.5
OHIO	54	27	3.8	28.0	3.2	6.5	22.7	63.6	74.1	136.0	3.9	3.8	56.0
INDIANA	13	7	.8	5.0	.7	1.3	3.5	7.1	8.9	15.9	.7	.9	7.7
ILLINOIS	64	18	2.8	19.6	2.2	4.4	14.6	46.2	49.6	96.0	1.9	2.4	40.2
MICHIGAN	37	10	2.4	18.3	1.8	3.8	12.6	51.9	50.7	101.9	1.1	1.9	39.1
WISCONSIN	19	1	.2	1.0	.1	.3	.7	1.8	.9	2.7	(Z)	.3	2.5
WEST NORTH CENTRAL DIVISION	37	8	.7	3.9	.5	1.0	2.5	9.0	10.0	18.9	.6	.5	4.9
IOWA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	18	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.4
SOUTH REGION	127	40	4.5	23.3	3.7	7.5	16.8	56.0	57.8	113.1	5.0	3.6	30.2
SOUTH ATLANTIC DIVISION	81	28	3.1	16.3	2.6	5.2	11.5	40.9	46.4	86.7	3.7	2.7	20.4
MARYLAND	15	3	.3	1.6	.3	.5	1.2	3.8	2.3	6.1	.1	.3	2.0
VIRGINIA	7	7	.8	4.5	.7	1.5	3.0	14.4	14.6	29.2	(D)	.6	4.5
WEST VIRGINIA	17	3	.5	2.4	.4	.7	1.9	6.5	4.3	10.0	(D)	.4	2.7
NORTH CAROLINA	13	6	1.0	4.7	.8	1.6	3.4	9.9	18.8	28.6	(D)	.8	6.6
SOUTH CAROLINA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	20	4	.2	1.2	.2	.4	.8	3.0	3.6	6.5	(Z)	.3	2.3
EAST SOUTH CENTRAL DIVISION[c]	14	4	1.0	5.2	.7	1.7	4.0	10.5	7.6	18.1	.9	(D)	(D)
TENNESSEE[c]	9	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	32	8	.3	1.9	.3	.5	1.3	4.6	3.8	8.3	.4	(D)	(D)
TEXAS	23	6	.2	1.3	.2	.4	1.0	3.5	2.0	5.5	.3	.2	2.7
WEST REGION[c]	146	29	1.8	10.7	1.4	2.8	7.2	21.3	18.3	39.5	1.3	1.9	23.0
PACIFIC DIVISION[c]	137	28	1.7	10.2	1.4	2.7	6.8	20.3	17.0	37.0	1.2	1.7	21.8
CALIFORNIA[c]	119	27	1.6	9.7	1.3	2.5	6.5	19.3	16.4	35.7	(D)	1.6	20.8

Standard notes: - Represents zero. (X Not applicable. NA Not available. (D) Withheld to avoid disclosing figures for individual companies. [c]For 1967, over 30 percent of the data for this line was estimated. (Z Under 50 thousand (or under 50 employees .

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250 to 499 employees
CC - 500 to 999 employees
EE - 1,000 to 2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges for such States.

TABLE 3. Detailed Statistics: 1967

Items	Flat glass (SIC 3211)	Glass containers (SIC 3221)	Pressed and blown glass, n.e.c. (SIC 3229)	Products of purchased glass (SIC 3231)
PRIMARY PRODUCT SPECIALIZATION RATIO[1] . . . . PERCENT	[3].85	.99	.97	[3].90
COVERAGE RATIO[2] . . . . . .DO	(D)	.99	.98	(D)
ESTABLISHMENTS, TOTAL . . . . . .NUMBER	64	120	185	887
WITH 1 TO 19 EMPLOYEES. . . . . .DO	25	8	72	629
WITH 20 TO 99 EMPLOYEES . . . . . .DO	12	3	29	193
WITH 100 EMPLOYEES OR MORE. . . . . .DO	27	109	84	65
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	23.9	66.7	42.5	29.2
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	196.6	426.1	262.3	182.1
PRODUCTION WORKERS:				
AVERAGE FOR YEAR. 1,000	19.8	59.4	36.5	23.9
MARCH . . . . . .DO	20.9	57.4	36.9	23.1
MAY . . . . . .DO	19.2	59.4	35.9	23.3
AUGUST. . . . . .DO	19.1	60.8	35.4	24.1
NOVEMBER. . . . . .DO	19.7	60.0	37.7	25.0
MAN-HOURS . . . . . .MILLIONS	40.2	119.4	72.2	47.4
JANUARY-MARCH . . . . . .DO	10.7	28.1	18.5	11.6
APRIL-JUNE. . . . . .DO	10.0	30.3	17.7	11.6
JULY-SEPTEMBER. . . . . .DO	9.4	30.4	17.1	11.6
OCTOBER-DECEMBER. . . . . .DO	10.1	30.7	18.8	12.7
WAGES . . . . . MILLION DOLLARS	157.6	362.3	211.6	134.7
COST OF MATERIALS, ETC., TOTAL. . . . . .DO	194.7	489.1	237.2	407.2
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . .DO	157.1	407.4	185.2	350.9
COST OF RESALES . . . . . .DO	8.8	16.0	1.7	44.9
FUELS CONSUMED. . . . . .DO	20.7	45.7	27.1	4.6
PURCHASED ELECTRIC ENERGY . . . . . .DO	8.0	19.8	10.2	4.6
CONTRACT WORK . . . . . .DO	.1	.3	13.0	2.1
VALUE OF SHIPMENTS, INCLUDING RESALES . . . . .DO	611.3	1 352.4	886.2	794.7
VALUE OF RESALES. . . . . .DO	9.2	17.3	2.0	48.5
VALUE ADDED BY MANUFACTURE. . . . . .DO	422.9	842.2	658.9	393.9
MANUFACTURERS' INVENTORIES:				
BEGINNING OF YEAR, TOTAL. . . . . .DO	88.0	170.5	117.5	125.2
FINISHED PRODUCTS . . . . . .DO	23.6	128.6	73.1	63.3
WORK IN PROCESS . . . . . .DO	23.9	4.3	20.2	26.0
MATERIALS, SUPPLIES, FUEL, ETC. . . . . .DO	40.5	37.5	24.3	35.9
END OF YEAR, TOTAL. . . . . .DO	93.1	154.3	128.6	133.6
FINISHED PRODUCTS . . . . . .DO	26.1	107.4	82.3	68.4
WORK IN PROCESS . . . . . .DO	27.7	4.4	20.9	27.3
MATERIALS, SUPPLIES, FUEL, ETC. . . . . .DO	39.4	42.5	25.4	37.9
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . .DO	60.1	75.9	83.4	23.3
NEW PLANT AND EQUIPMENT, TOTAL. . . . . .DO	59.9	70.8	81.9	21.9
NEW STRUCTURES AND ADDITIONS TO PLANT . . . .DO	9.2	18.3	20.4	5.5
NEW MACHINERY AND EQUIPMENT . . . . . .DO	50.7	52.6	61.5	16.4
USED PLANT AND EQUIPMENT. . . . . .DO	.2	5.1	1.4	1.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussions of items.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

[3]This is a minimum percentage. The exact percentage cannot be shown without disclosing figures for individual companies.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3211-- FLAT GLASS											
ESTABLISHMENTS, TOTAL	64	23.9	196.6	19.8	40.2	157.6	422.9	194.7	611.3	59.9	93.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	10	(Z)	.1	(Z)	(Z)	.1	.3	.3	.6	[2]11.1	.1
5 TO 9 EMPLOYEES	6	(Z)	.3	(Z)	.1	.2	1.4	.3	1.7	(D)	.1
10 TO 19 EMPLOYEES	9	.1	.8	.1	.2	.6	1.3	1.3	2.5	(D)	.3
20 TO 49 EMPLOYEES	6	.2	1.6	.2	.4	1.1	3.3	1.9	5.1	(D)	.5
50 TO 99 EMPLOYEES	6	.7	5.0	.6	1.2	3.3	8.9	6.8	15.2	.7	3.3
100 TO 249 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES	7	2.5	18.2	2.0	4.1	13.8	37.6	13.2	48.7	5.0	8.8
500 TO 999 EMPLOYEES	9	6.2	50.9	5.3	10.9	43.3	95.6	41.3	138.3	9.9	24.9
1,000 TO 2,499 EMPLOYEES	8	14.1	119.8	11.6	23.3	95.2	274.4	129.5	399.1	33.1	55.3
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3221-- GLASS CONTAINERS											
ESTABLISHMENTS, TOTAL	120	66.7	426.1	59.4	119.4	362.3	842.2	489.1	1 352.4	70.8	154.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	7	(Z)	(Z)	(Z)	(Z)	(Z)	.2	.2	.2	[2].9	(Z)
5 TO 9 EMPLOYEES[e]	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	-	-	-	-	-	-	-	-	-	-	-
20 TO 49 EMPLOYEES	2	.2	1.0	.1	.2	.8	2.3	.4	2.6	(D)	.1
50 TO 99 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	14	2.7	17.1	2.4	5.1	14.3	37.4	23.4	61.7	4.2	6.5
250 TO 499 EMPLOYEES	50	17.8	110.3	15.9	32.1	93.2	218.8	153.8	377.7	17.8	48.6
500 TO 999 EMPLOYEES	32	23.7	150.3	21.1	42.6	128.1	305.6	168.8	482.6	31.6	55.7
1,000 TO 2,499 EMPLOYEES	11	22.4	147.4	19.9	39.4	125.8	277.9	142.6	427.4	16.4	43.5
2,500 EMPLOYEES OR MORE	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3229-- PRESSED AND BLOWN GLASS, NEC											
ESTABLISHMENTS, TOTAL	185	42.5	262.3	36.5	72.2	211.6	658.9	237.2	886.2	81.9	128.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	49	.1	.4	.1	.1	.3	1.1	.4	1.6	[2].5	.2
5 TO 9 EMPLOYEES	13	.1	.7	.1	.2	.5	1.1	.6	1.7	(D)	.1
10 TO 19 EMPLOYEES	10	.2	.8	.1	.2	.6	1.1	.7	1.8	(D)	.2
20 TO 49 EMPLOYEES	15	.5	2.8	.4	.8	2.0	4.9	2.4	7.4	.7	.8
50 TO 99 EMPLOYEES	14	1.0	5.6	.8	1.6	4.3	10.7	6.2	16.3	.4	2.3
100 TO 249 EMPLOYEES	37	5.7	32.3	4.9	9.6	25.5	69.9	22.2	91.6	24.6	10.1
250 TO 499 EMPLOYEES	18	6.3	38.7	5.4	10.7	30.4	106.5	29.1	132.7	15.7	21.0
500 TO 999 EMPLOYEES	17	11.5	73.4	9.9	20.0	60.1	216.1	87.2	299.4	14.7	34.6
1,000 TO 2,499 EMPLOYEES	12	17.2	107.6	14.7	29.0	87.9	247.4	88.3	333.7	25.3	59.4
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	50	.1	.6	.1	.2	.5	1.4	.5	1.9	(Z)	.3
3231-- PRODUCTS OF PURCHASED GLASS											
ESTABLISHMENTS, TOTAL	887	29.2	182.1	23.9	47.4	134.7	393.9	407.2	794.7	21.9	133.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	393	.7	3.3	.7	1.1	2.6	8.2	5.7	13.9	[2].2	2.4
5 TO 9 EMPLOYEES[e]	127	.8	4.9	.8	1.4	3.8	10.1	6.8	16.9	.4	2.0
10 TO 19 EMPLOYEES	109	1.5	8.7	1.2	2.4	6.1	17.1	14.7	31.5	1.3	3.5
20 TO 49 EMPLOYEES	132	4.2	24.1	3.4	6.8	17.0	46.3	44.6	91.2	5.0	10.9
50 TO 99 EMPLOYEES	81	4.3	23.9	3.6	7.2	17.2	45.6	38.9	84.1	2.0	12.0
100 TO 249 EMPLOYEES	41	6.3	36.1	5.0	9.8	25.5	64.0	76.8	141.3	3.1	21.6
250 TO 499 EMPLOYEES	16	5.2	32.9	4.2	8.5	24.5	73.5	89.0	158.5	5.5	35.7
500 TO 999 EMPLOYEES	7	6.1	48.2	5.0	10.3	38.0	129.0	130.8	257.4	4.4	45.5
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	417	1.0	5.0	1.0	1.6	3.8	10.6	9.1	20.0	.4	3.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Appendix, Explanation of Terms.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.) - Represents zero.

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3211	Flat glass.....1967..	611.3	(D)	(D)	10.3	[1]85	[2]810.9	(D)	(D)	(D)
	1963..	549.4	(D)	(D)	13.0	[1]90	[2]733.1	(D)	(D)	(D)
3221	Glass, containers.....1967..	1,352.4	1,327.0	6.1	19.3	99	1,331.0	1,327.0	4.0	99
	1963..	1,004.5	973.3	7.5	23.7	99	982.4	973.3	9.1	99
3229	Pressed and blown glass, n.e.c.....1967..	886.2	859.1	24.2	2.9	97	880.4	859.1	21.3	98
	1963..	630.9	599.7	22.8	8.5	96	615.1	599.7	15.5	97
3231	Products of purchased glass.....1967..	794.7	(D)	(D)	55.2	[1]90	[2]929.2	(D)	(D)	(D)
	1963..	627.3	(D)	(D)	38.7	[1]90	[2]729.3	(D)	(D)	(D)

Note: See Appendix, Explanation of Terms, for discussion of items.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] This is a minimum percentage. The exact percentage cannot be shown without disclosing figures for individual companies.

[2] Includes laminated glass (product classes 32113 and 32313) which is primary to industry 3211 when made by primary glass producers, and industry 3231 when made from purchased glass. Separate totals withheld to avoid disclosing figures of individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry, and miscellaneous receipts	All industries	Flat glass (SIC 3211)	Glass containers (SIC 3221)	Pressed and blown glass, n.e.c. (SIC 3229)	Products of purchased glass (SIC 3231)	Other industries
	Total value of shipments of the industry	(X)	611.3	1,352.4	886.2	794.7	(X)
3211-	Flat glass	[1]810.9	(D)	-	(D)	(D)	(D)
32111	Sheet (window) glass	133.2	132.6	-	(D)	(D)	-
32112	Plate and float glass	183.3	181.2	-	2.1	-	-
32113	Laminated glass, made from glass produced in the same establishment	[1]361.7	(D)	-	-	(D)	-
32114	Other flat glass, made from glass produced in the same establishment	130.2	122.7	-	(D)	(D)	(D)
32110	Flat glass, n.s.k	2.6	2.6	-	-	-	-
3221-	Glass containers	1,331.0	-	1,327.0	(2-5)	-	(under 2)
3229-	Pressed and blown glass, n.e.c	880.4	-	(under 2)	859.1	(under 2)	18.5
32291	Table, kitchen, art, and novelty glassware (handmade and machine-made)	266.9	-	(under 2)	266.1	-	(under 2)
32292	Lighting and electronic glassware	328.9	-	-	328.2	-	(under 2)
32293	Glass fiber (textile type fiber)	138.1	-	-	126.4	-	11.7
32294	Other pressed and blown glassware	137.5	-	(under 2)	130.5	(under 2)	(5-10)
32290	Pressed and blown glass, ne.c.c	9.0	-	-	8.0	(under 2)	(under 2)
3231-	Products of purchased glass	[1]929.2	(D)	(under 2)	3.7	(D)	54.4
32313	Laminated glass, made of purchased glass	[1]361.7	(D)	-	-	(D)	(under 2)
32315	Mirrors	160.0	3.0	-	-	125.0	32.0
32316	Other glass products, made of purchased glass	352.1	6.4	(under 2)	3.7	320.2	21.7
32310	Products of purchased glass, n.s.k	55.3	-	-	-	55.3	-
	Other product shipments by 4-digit product group						
3079-	Miscellaneous plastics products	(X)	-	-	-	3.5	(X)
3321-	Gray iron castings	(X)	-	(2-5)	-	-	(X)
3429-	Hardware, n.e.c	(X)	-	-	-	(2-5)	(X)
3559-	Special industry machinery, n.e.c	(X)	(2-5)	-	-	-	(X)
3634-	Electric housewares and fans	(X)	-	-	(5-10)	-	(X)
3831-	Optical instruments and lenses	(X)	-	-	-	(2-5)	(X)
	Other secondary products	(X)	.9	1.7	1.3	11.2	
	Miscellaneous receipts	(X)	10.3	19.3	2.9	55.2	(X)
93000	Contract work	(X)	(under 2)	-	(under 2)	5.4	(X)
99989	Resales	(X)	9.2	17.3	2.0	48.5	(X)
99980	Other miscellaneous receipts	(X)	(under 2)	2.0	(under 2)	1.3	(X)
	Listing of the other industries with over $2 million shipments of the primary products						
3229-	3296 Mineral wool	(X)	(X)	(X)	(X)	(X)	14.8
3229-	3564 Blowers and fans	(X)	(X)	(X)	(X)	(X)	2.3
3231-	2499 Wood products, n.e.c	(X)	(X)	(X)	(X)	(X)	3.0
3231-	2511 Wood household furniture	(X)	(X)	(X)	(X)	(X)	16.9
3231-	3642 Lighting fixtures	(X)	(X)	(X)	(X)	(X)	10.0
3231-	3714 Motor vehicle parts and accessories	(X)	(X)	(X)	(X)	(X)	(5-10)
3231-	3821 Mechanical measuring devices	(X)	(X)	(X)	(X)	(X)	(2-5)

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (D) Withheld to avoid disclosing figures for individual companies.

[1] Includes laminated glass (product classes 32113 and 32313) which is primary to industry 3211 when made by primary glass producers, and industry 3231 when made from purchased glass. Separate totals withheld to avoid disclosing figures of individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments and interplant transfers		Production for all purposes (quantity)	Total shipments and interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
3211- --	FLAT GLASS, TOTAL[1]	.....	(X)	(X)	810.9	(X)	(X)	733.1
32111 --	Sheet (window) glass, total:							
	As reported in the census of manufactures	Million boxes 50 sq.ft. each single strength or equiv.	(X)	(X)	133.2	26.2	25.0	141.5
	As reported on census quarterly report Form MQ-32A	...do	21.9	21.3	131.6			
	Uncolored:							
32111 22	Single strength	...do	9.8	9.8	56.7	10.5	10.9	56.6
32111 23	Double strength, including greenhouse	...do	4.3	4.1	26.8	4.8	4.8	29.9
32111 24	Heavy sheet	...do	6.3	6.0	37.0	9.2	7.7	43.3
32111 26	Thin, including picture glass and tinted or colored (all thicknesses)	...do	1.5	1.3	11.0	1.6	1.5	11.6
32112 00	Plate and float glass	Million sq. ft.	(X)	(X)	183.3	71.7	476.2	175.8
32114 --	Other flat glass, made from glass produced in the same establishment:							
32114 11	Rolled and wire glass[2]	...do	(X)	(X)	22.0			
32114 21	Tempered glass for automotive use	...do						
32114 23	Tempered glass for architectural and construction purposes including glass for shower doors and entrance doors	...do	(X)	166.9	[3]102.6			
32114 29	Tempered glass for other uses such as for appliances	...do				(X)	185.4	98.5
32114 98	Other flat glass (such as plate glass blanks, bent or enameled sheet, plate, float, and rolled glass; glass doors and tub enclosures (other than tempered), multiple-glazed, sealed insulating units, etc.	...do	(X)	19.1	5.6			
	Plate and float glass and rolled and wire glass as reported on census quarterly report Form MQ-32A, total	...do	830.7	547.2	200.5			
32112 13	Plate and float glass not over 1/8 inch in thickness	...do	381.3	282.5	89.8			
32112 15	Plate and float glass, over 1/8 inch, but not over 1/4 inch in thickness	...do	378.9	210.4	85.6	(NA)	(NA)	([4])
32112 17 32114 11	Plate and float glass, over 1/4 inch in thickness, and rolled and wire glass	...do	70.5	54.2	25.1			
32113 -- 32313 --	Laminated glass, total[5]	.....	(X)	210.6	361.7	(X)	188.0	317.3
32113 11 32313 11	Laminated plate 1/4 inch and under	Million sq. ft.	(X)	190.0	342.0	(X)	163.8	295.3
32113 31 32313 31	Laminated plate over 1/4 inch	...do						
32113 51 32313 51	Laminated sheet (window) glass	...do	(X)	20.5	19.7	(X)	25.2	22.0
32113 71 32313 98	Other laminated glass	...do						
32110 00	Flat glass not specified by kind (For companies with 10 or more employees. See Note.)	...do	(X)	(X)	2.4	(X)	(X)	-
32110 02	Flat glass not specified by kind (For companies with less than 10 employees. See Note.)	...do	(X)	(X)	0.2	(X)	(X)	(NA)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
3221- --	GLASS CONTAINERS, TOTAL	.....	(X)	(X)	1,331.0	(X)	(X)	982.4
	Machine-made for domestic shipments:[6]							
	Narrow neck:							
32210 11	Food	Million gross	55.5	24.9	182.5	54.9	19.2	129.9
32210 13	Medicinal and health supplies	...do		18.0	86.2		16.7	70.1
32210 15	Chemical, household, and industrial	...do		5.4	29.3		7.4	44.3
32210 17	Toiletries and cosmetics	...do		11.6	64.2		10.6	41.1
32210 19	Beverage, returnable	...do	13.0	13.3	121.5	13.5	12.3	109.4
32210 21	Beverage, nonreturnable	...do	25.9	24.8	128.7	4.0	3.9	21.2
32210 23	Beer, returnable	...do	4.6	4.3	22.5	2.9	2.7	17.7
32210 25	Beer, nonreturnable	...do	40.1	39.9	166.5	27.1	26.7	108.0
32210 27	Liquor	...do	14.6	14.2	120.0	11.9	11.0	85.6
32210 29	Wine	...do	6.0	6.2	56.5	5.3	5.2	46.5
	Wide mouth:							
32210 31	Food, including packers' tumblers, fruit jars and jelly glasses	...do	63.9	58.0	276.9	60.5	49.2	235.3
32210 32	Medicinal and health supplies	...do		6.3	25.5		4.9	19.0
32210 33	Chemical, household, and industrial	...do		1.2	7.4		1.5	7.5
32210 34	Toiletries and cosmetics	...do		2.6	13.2		3.5	17.2
32210 37	Dairy products	...do	1.0	1.0	15.4	1.6	1.5	19.7
32210 62	Export shipments, machine-made (all types)[6]	...do	(X)	1.9	12.4	(X)	1.6	8.9
32210 71	Net weight of machine-made glass containers packed	Million lbs.	(X)	17,731.8	(X)	(X)	12,856.7	(X)
32210 54	Hand-made, all types, domestic and export	Million gross	(X)	(X)	(Z)	(X)	(X)	(X)
32210 00	Glass containers, n.s.k. (For companies with 10 or more employees. See Note.)	...do	(X)	(X)	2.2	(X)	(X)	0.9
32210 02	Glass containers, n.s.k. (For companies with less than 10 employees. See Note.)	...do	(X)	(X)	0.1			

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3229- --	PRESSED AND BLOWN GLASS, N.E.C., TOTAL:					
	As reported in the census of manufactures	.....	(X)	880.4	(X)	615.1
	As reported on Census Annual Forms MA-32E and MA-32J	.....	(X)	885.1	(X)	609.6
32291 --	Table, kitchen, art, and novelty glassware, total:					
	As reported in the census of manufactures	.....	(X)	266.9	(X)	220.3
	As reported on Census Annual Form MA-32E	.....	(X)	272.3	(X)	216.2
	Machine-made:					
32291 21	Tumblers (one-piece, excluding packers' tumblers)	Million dozen	66.4	69.4	60.4	63.7
32291 22	Stemware	...do	8.0	19.8		
32291 23	Tableware	Million pieces	334.1	107.1	(X)	106.2
32291 25	Cookware, ovenware, and kitchenware	...do				
32291 28	Ornamental, decorative, novelty glassware and smokers' accessories	.....	(X)	25.7	7.9	13.3
	Hand-made:					
32291 31	Tumblers	Million dozen	(D)	(D)	2.1	12.6
32291 32	Stemware	...do				
32291 33	Tableware	...do	(D)	(D)	0.5	6.4
32291 38	Other, including ornamental, decorative, and novelty glassware, and smokers' accessories	.....	(X)	(D)	(X)	14.0
32292 --	Lighting and electronic glassware, total:					
	As reported in the census of manufactures	.....	(X)	328.9	(X)	210.3
	As reported on Census Annual Form MA-32E	.....	(X)	338.8	(X)	210.3
32292 21	Automotive lighting glassware	.....	(X)	17.1	(X)	22.9
32292 23	Searchlight and other lenses	.....	(X)	4.1		
32292 31	Electronic-tube blanks	.....	(D)	(D)	(X)	6.8
32292 27	Tubing and cane for electric light bulbs and fluorescent and neon lighting	.....	(X)	31.7	(X)	158.9
32292 25	Electric light bulb blanks	.....	(X)	(D)		
32292 35	Television tube blanks and parts; and tubing, cane, and other glass parts for electronic tubes and devices	.....				
	Bowls and enclosing globes, lamp chimneys, lamp parts, shades, reflectors, torchiers, and other interior and exterior lighting:					
32292 37	Interior	.....	(X)	24.7	(X)	21.7
32292 39	Exterior	.....	(X)	8.2		

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967			1963		
		Production for all purposes[1] (million pounds)	Total shipments, including interplant transfers		Production for all purposes[1] (million pounds)	Total shipments, including interplant transfers	
			Quantity[1] (million pounds)	Value (million dollars)		Quantity[1] (million pounds)	Value (million dollars)
3229- --	PRESSED AND BLOWN GLASS, N.E.C.--Continued						
32293 --	Textile type fiber, total:						
	As reported in the census of manufactures	(X)	(X)	138.1	(X)	(X)	91.6
	As reported on Census Annual Form MA-32J	308.4	308.6	137.5	200.0	191.9	91.1
32293 23	Roving chopped strand and milled fiber	122.0	118.7	37.6	57.0	57.4	19.6
32293 21	Yarn, strand, staple yarn, and sliver	182.9	188.1	99.2	143.0	134.5	71.5
32293 25	Mat						
32293 29	Other textile type fiber						
32294 --	All other pressed and blown glassware, total:						
	As reported in the census of manufactures	(X)	(X)	137.5	(X)	(X)	92.5
	As reported on Census Annual Form MA-32E	(X)	(X)	137.2	(X)	(X)	92.0
32294 21	Tubing, rod, and canes, all types (except electrical and electronic)	(X)	(X)	(D)	(X)	(X)	73.3
32294 23	Scientific and laboratory glassware	(X)	(X)	(D)			
32294 25	Industrial and technical glassware	(X)	(X)	33.2			
32294 27	Ophthalmic lens blanks and optical instrument lens blanks	(X)	(X)	(D)	(X)	(X)	18.7
32294 29	Other glassware	(X)	(X)	30.1			
32290 00	Pressed and blown glass, n.e.c. (For companies with 10 or more employees. See Note.)	(X)	(X)	7.1	(X)	(X)	0.4
32290 02	Pressed and blown glass, n.e.c. (For companies with less than 10 employees. See Note.)	(X)	(X)	1.9	(X)	(X)	(X)

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (million sq. ft.)	Value (million dollars)	Quantity (million sq. ft.)	Value (million dollars)
3231- --	PRODUCTS OF PURCHASED GLASS, EXCEPT LAMINATED, TOTAL[7]	(X)	567.4	(X)	412.0
32315 --	Mirrors, total	(X)	160.0	(X)	123.4
	Mirrors, framed (decorated and undecorated):				
32315 11	Plate glass	16.0	31.4	12.8	25.3
32315 51	Other glass	(S)	23.9	(S)	37.3
	Mirrors, unframed (decorated and undecorated):				
32315 61	Plate glass	52.5	38.0	45.5	36.0
32315 63	Other glass	33.9	14.7	32.2	16.0
32315 71	Automotive rearview mirrors	(X)	41.7	(X)	[8]
32315 00	Mirrors, n.s.k.	(X)	10.3	(X)	8.8
32316 --	Other glass products, made of purchased glass, total	(X)	352.1	(X)	275.2
32316 21	Stained, leaded, and faceted glass, and colored glass slabs	(S)	6.2	(S)	6.9
	Glassware, etched, ornamented, bent, etc:[9]				
32316 31	Tumblers, goblets, and other stemware	(S)	6.7	(X)	8.1
32316 35	Tableware (except tumblers, goblets, and other stemware), including tableware made from flat glass	(S)	3.3	(X)	6.2
32316 36	Other table, kitchen, art, and novelty glassware, such as cookware, ovenware, kitchenware, ornamental or decorative glassware, and smokers' accessories	(X)	18.7		
32316 37	Lighting and electronic glassware, such as tubing and cane for electric light bulbs and fluorescent and neon lighting; bowls and enclosing globes; and other interior and exterior lighting glassware.	(X)	119.3	(X)	58.2
32316 38	All other glassware (except flat glass products) including scientific, laboratory, industrial, or technical glassware; glass blocks and Christmas tree ornaments, etc				
32316 71	Multiple-glazed, sealed insulating glass units	(X)	37.6	(X)	31.3
32316 81	Tempered glass for automotive use	86.3	59.1		
32316 83	Tempered glass for architectural and construction purposes, including glass for shower doors and entrance doors	(S)	18.8		
32316 89	Tempered glass for other uses such as for appliances	52.1	24.6	(X)	150.1
32316 98	Other glass products (except laminated glass, tempered glass, and mirrors), including such items as bent (except when made into tableware) or enameled sheet, plate, float, and rolled glass; shower doors and tub enclosures (except tempered); watch crystals	(X)	42.1		

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments."

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (million sq. ft.)	Value (million dollars)	Quantity (million sq. ft.)	Value (million dollars)
	PRODUCTS OF PURCHASED GLASS, EXCEPT LAMINATED--Continued				
	Other glass products, made of purchased glass--Continued				
32316 00	Other glass products made of purchased glass, n.s.k.	X	15.7	X	14.4
32310 00	Products made of purchased glass, n.s.k. For companies with 10 or more employees. See Note.	X	37.8	X	13.4
32310 02	Products made of purchased glass, n.s.k. (For companies with less than 10 employees. See Note.	X	17.5		
32113 -- 32313 --	Laminated glass, including safety glass, total[5]	210.6	361.7	188.0	317.3

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 19 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level 5 digits followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." 000 figure is not strictly comparable to the total of the two "n.s.k." 000 and 002 figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code 5 digits followed by "00," or in some cases in the appropriate product group code 4 digits followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding in computer operations.

Standard notes: - Represents zero. X Not applicable. NA Not available. D Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency review. Z Under 50 thousand or under 50 employees.

[1]Includes laminated glass (product codes 3211311-3211371 and 3231311-3231398).

[2]Includes glass of which one or both surfaces are roughed, figured, ribbed or otherwise impressed. Excludes glass block and tile.

[3]Combined to avoid disclosing figures of individual companies.

[4]Detail not available in 1963. Total equals $175.8 million as reported above.

[5]Includes laminated glass made in the Flat Glass Industry 3211 and laminated glass made in products of purchased glass industry 3231 combined to avoid disclosing figures of individual companies. For 1963, no production or shipments of "Laminated plate, over 1/4 inch," code 3211331, "Laminated sheet window glass" code 3211351 or "Other laminated glass" code 3211371 were reported in the Flat Glass Industry 3211. The same is true for 1967, except that a small amount of "Laminated plate over 1/4 inch" code 3211331 was produced in the Flat Glass Industry 3211.

[6]Comparable monthly quantity data are published in Current Industrial Reports Series M32G, Glass Containers.

[7]Total excludes product class 32313, laminated glass. See footnote 5.

[8]Separate data were not collected for automotive rearview mirrors for 1963. An indeterminable amount is included in product codes 3231511-3231563.

[9]Beginning in 1964 data for a number of these categories are shown in Current Industrial Reports Series, MA-32E.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
TABLE, KITCHEN, ART, AND NOVELTY GLASSWARE (HANDMADE AND MACHINE-MADE) (32291)		
United States	266.9	220.3
Northeast Region	GG	(D)
Middle Atlantic Division	GG	38.5
New York	EE	(1)
Pennsylvania	35.7	(1)
North Central Region	124.9	(D)
East North Central Division	124.9	94.1
Ohio	110.7	(1)
Indiana	EE	(1)
Illinois	AA	(D)
South Region	83.9	(D)
South Atlantic Division	GG	(D)
West Virginia	GG	74.3
West South Central Division	CC	(D)
Oklahoma	CC	(1)
West Region	CC	(D)
Pacific Division	CC	(D)
California	CC	(1)
LIGHTING AND ELECTRONIC GLASSWARE (32292)		
United States	328.9	210.3
Northeast Region	119.0	73.6
New England Division	EE	(D)
Rhode Island	EE	(1)
Middle Atlantic Division	GG	(D)
New York	GG	(1)
New Jersey	AA	(D)
Pennsylvania	34.7	(1)
North Central Region	GG	(D)
East North Central Division	175.3	109.5
Ohio	74.4	(1)
Indiana	GG	(1)
Michigan	FF	(1)
South Region	FF	(D)
South Atlantic Division	EE	(D)
West Virginia	14.1	10.8
East South Central Division	EE	(D)
Kentucky	EE	(D)
Mississippi	AA	(D)
West South Central Division	BB	(D)
Arkansas	AA	(D)
Oklahoma	AA	(1)
GLASS FIBER (TEXTILE TYPE FIBER) (32293)		
United States	138.1	91.6
Northeast Region	FF	(D)
New England Division	EE	(D)
Rhode Island	EE	(1)
Middle Atlantic Division	EE	(D)
Pennsylvania	EE	(1)
GLASS FIBER (TEXTILE TYPE FIBER) (32293) --Continued		
North Central Region	EE	(D)
East North Central Division	EE	(D)
Ohio	9.5	(1)
Indiana	BB	(D)
West North Central Division	BB	(D)
Kansas	BB	(1)
South Region	92.5	(D)
South Atlantic Division	GG	(D)
North Carolina	FF	(1)
South Carolina	GG	(1)
East South Central Division	CC	(D)
Tennessee	CC	(1)
West Region	AA	(D)
Pacific Division	AA	(D)
California	AA	(D)
OTHER PRESSED AND BLOWN GLASSWARE (32294)		
United States	132.4	92.5
Northeast Region	87.5	50.9
New England Division	BB	(D)
Rhode Island	BB	(1)
Middle Atlantic Division	GG	(D)
New York	FF	(D)
New Jersey	FF	(D)
Pennsylvania	24.8	(1)
North Central Region	6.7	(D)
East North Central Division	6.7	(D)
Ohio	CC	(1)
South Region	38.2	(D)
South Atlantic Division	23.5	(D)
West Virginia	EE	(1)
Georgia	BB	(D)
East South Central Division	CC	(D)
Kentucky	CC	(D)
West South Central Division	BB	(D)
Oklahoma	BB	(D)
Texas	AA	(D)
MIRRORS (32315)		
United States	160.0	123.4
Northeast Region	FF	33.2
New England Division	BB	5.6
Connecticut	BB	(1)
Middle Atlantic Division	41.2	27.6
New York	21.0	18.8
New Jersey	4.5	2.3
Pennsylvania	15.7	6.5
North Central Region	40.3	34.0
East North Central Division	39.1	32.7
Ohio	8.1	9.5
Indiana	13.8	11.2
Illinois	CC	(1)
Michigan	EE	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
MIRRORS (32315)--Continued		
North Central Region--Continued		
West North Central Division	1.2	1.3
South Region	69.1	51.2
South Atlantic Division	52.1	38.0
Virginia	EE	13.9
North Carolina	32.4	22.9
East South Central Division	14.1	11.0
Tennessee	CC	(1)
Mississippi	BB	(1)
West South Central Division	2.9	2.2
Arkansas	BB	(1)
West Region	BB	4.9
Pacific Division	4.4	(D)
California	4.0	(D)
OTHER GLASS PRODUCTS, MADE OF PURCHASED GLASS (32316)		
United States	352.1	275.2
Northeast Region	153.6	117.0
New England Division	16.4	10.3
Maine	AA	(D)
Massachusetts	6.2	4.2
Rhode Island	BB	(1)
Connecticut	5.7	3.7
Middle Atlantic Division	137.2	106.7
New York	36.8	32.8
New Jersey	41.4	39.1
Pennsylvania	59.1	34.8
North Central Region	134.7	112.3
East North Central Division	125.4	105.7
Ohio	48.7	47.7
Indiana	8.4	7.0
Illinois	35.1	30.0
Michigan	30.7	17.1
Wisconsin	2.5	3.9
West North Central Division	9.3	6.6
Minnesota	AA	1.6
Iowa	BB	(D)
Missouri	3.7	4.7
South Region	46.4	25.2
South Atlantic Division	37.0	18.6
Maryland	AA	(D)
Virginia	EE	(1)
West Virginia	10.8	4.9
North Carolina	AA	(D)
South Carolina	BB	(D)
Georgia	1.2	3.8
Florida	5.7	6.0
East South Central Division	CC	1.8
Tennessee	BB	(1)
Mississippi	BB	(D)
West South Central Division	BB	4.8
Texas	BB	3.7
West Region	17.4	20.8
Mountain Division	AA	1.3
Colorado	AA	(D)
Pacific Division	EE	19.5
California	15.8	17.9

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
3211-	Flat glass[2]	810.9	816.8	869.6	752.3	733.1	547.0	499.3	297.7
32111	Sheet window glass	133.2	136.8	140.6	145.1	141.5	92.3	99.1	72.5
32112	Plate and float glass	183.3							
32114	Other flat glass made from glass produced in the same establishment	130.2	324.4	361.5	292.4	274.4	200.8	163.9	124.2
32113 32313	Laminated glass, including safety glass	361.7	355.6	367.5	314.9	317.3	253.8	236.2	101.0
32110	Flat glass, n.s.k.	2.6	-	-	-	-			
3221-	Glass containers	1,331.0	1,178.3	1,067.4	1,028.5	982.4	841.6	628.9	423.0
3229-	Pressed and blown glass, n.e.c.	880.4	932.5	777.1	715.1	615.1	448.0	417.0	(NA)
32291	Table, kitchen, art, and novelty glassware (handmade and machine-made)	266.9	261.5	247.6	258.0	220.3	149.0	123.5	(NA)
32292	Lighting and electronic glassware	328.9	375.0	279.5	243.2	210.3	143.3	150.0	(NA)
32293	Glass fiber	138.1	150.3	127.8	108.5	91.6	59.7	34.0	(NA)
32294	Other pressed and blown glassware	137.5	141.8	121.3	105.2	92.5	96.0	109.5	(NA)
32290	Pressed and blown glass, n.e.c., n.s.k.	9.0	(3.9)	(.9)	(.2)	(.4)	-	-	-
3231-	Products of purchased glass[3]	567.4	537.1	490.6	426.4	412.0	279.3	239.8	(NA)
32315	Mirrors	160.0	150.9	149.0	135.2	123.4	88.0	68.9	54.9
32316	Other glass products, made of purchased glass	352.1	371.6	327.8	279.5	275.2	157.1	171.0	(NA)
32310	Products of purchased glass, n.s.k.	55.3	14.6	13.7	11.8	13.4	(S)	-	-

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. n.s.k. Not specified by kind.

[1]The figures for 1964-1965 represent estimates derived from a representative sample of manufacturing establishments canvasssd in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

[2]Includes laminated glass shipped by establishments classified in industry 3211, Flat Glass, and industry 3231, Products of Purchased Glass, to avoid disclosing figures for individual companies.

[3]Excludes laminated glass, product class 32313.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3211.--FLAT GLASS					
	Materials, containers, and supplies, total	...	(X)	157.1	(X)	146.0
281228	Sodium carbonate (soda ash) (98-100% Na_2CO_3)	1,000 short tons..	386.5	13.5	398.8	13.5
144301	Glass sand, all types	...do...	1,495.0	7.8	1,880.6	8.6
281976	Sodium sulfate (including salt cake)	...do...	(S)	(S)	67.6	2.1
321121	Plate glass	Million sq. ft....	45.1	15.4	87.6	19.0
321111	Sheet glass	...do...	19.6	4.3	15.2	2.6
	Refractories:					
325501	Clay	1,000 short tons..	13.8	3.0	14.4	2.6
329701	Nonclay	...do...			9.8	1.6
999816	Cullet (glass scrap)	Million lbs.....	487.1	3.8	998.1	7.5
970099	All other materials and components, parts, containers, and supplies consumed	...	(X)	104.6	(X)	88.5
972000	All other materials, containers and supplies, n.s.k.	...	(X)	2.5	(X)	(X)
	INDUSTRY 3221.--GLASS CONTAINERS					
	Materials, containers, and supplies, total	...	(X)	407.4	(X)	315.9
281228	Sodium carbonate (soda ash) (98-100% Na_2CO_3)	1,000 short tons.	1,979.0	70.1	1,623.9	58.1
144301	Glass sand	...do...	7,132.5	36.4	4,724.6	26.9
	Refractories:					
325501	Clay	...do...	(S)	3.7	(S)	2.7
329701	Nonclay	...do...	(S)	3.9	(S)	3.1
265301	Corrugated paperboard shipping containers	1,000 short tons.	(X)	148.7	(X)	100.5
265019	All other paperboard containers and boxes	...do...	(X)	9.6		
970099	All other materials and components, parts, containers, and supplies consumed	...	(X)	129.5	(X)	124.7
972000	Materials not specified	...	(X)	5.6	(X)	(X)
	INDUSTRY 3229.--PRESSED AND BLOWN GLASS, N.E.C.					
	Materials, containers, and supplies, total	...	(X)	185.2	(X)	130.5
281228	Sodium carbonate (soda ash) (98-100% Na_2CO_3)	1,000 short tons.	236.2	8.0	148.3	5.3
144301	Glass sand	...do...	1,282.2	9.6	767.2	5.8
281976	Sodium sulfate (including salt cake)	...do...	(S)	(S)	14.5	0.9
321121	Plate glass	Million sq. ft...	(S)	(S)		
321111	Sheet glass	...do...	(S)	(S)		
322911	Glass tumblers, stemware, and other tableware	...	(S)	(S)	(X)	1.2
322901	Other glass products	...	(D)	(D)		
	Refractories:					
325501	Clay	1,000 short tons.	15.2	4.6	8.0	1.7
329701	Nonclay	...do...	(S)	(S)	(S)	1.1
265301	Corrugated paperboard shipping containers	...	(X)	28.5	(X)	23.6
999816	Cullet (glass scrap)	Million lbs.....	516.7	7.3	417.6	6.4
970099	All other materials and components, parts, containers, and supplies consumed	...	(X)	97.4	(X)	84.5
973000	All other materials, containers, and supplies, n.s.k.	...	(X)	(D)	(X)	-
	INDUSTRY 3231.--PRODUCTS OF PURCHASED GLASS					
	Materials, containers, and supplies, total	...	(X)	350.9	(X)	281.0
321121	Plate glass	Million sq. ft...	367.2	138.8	293.7	104.9
321111	Sheet glass	...do...	349.3	62.0	255.9	47.9
322911	Glass tumblers, stemware, and other tableware	...	(X)	7.3	(X)	3.9
322901	Other glass products	...	(X)	24.1	(X)	14.7
265301	Corrugated paperboard shipping containers	...	(X)	7.4	(X)	4.5
970099	All other materials and components, parts, containers, and supplies consumed	...	(X)	88.7	(X)	76.1
973000	Materials, containers, and supplies, n.s.k.	...	(X)	22.6	(X)	29.0

Standard notes: - Represents zero. (X) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Flat glass (SIC 3211)	Glass containers (SIC 3221)	Pressed and blown glass n.e.c. (SIC 3229)	Products of purchased glass (SIC 3231)
	Cost of purchased fuels and electric energy, total....	Million dollars..	28.7	65.5	37.3	9.2
	Cost of purchased fuels, total.....	...do.....	20.7	45.7	27.1	4.6
121005	Coal (anthracite, bituminous, and lignite):					
	Quantity.....	1,000 short tons.	(D)	(D)	13.4	31.3
	Cost.....	Million dollars..	(D)	(D)	.1	.1
	Fuel oil, total:					
	Quantity.....	1,000 barrels....	(D)	1,419.6	478.1	70.6
	Cost.....	Million dollars..	(D)	4.2	.9	.2
291141	Distillate:					
	Quantity.....	1,000 barrels....	(D)	263.4	112.2	29.0
	Cost.....	Million dollars..	(D)	1.2	.5	.1
291151	Residual:					
	Quantity.....	1,000 barrels....	(D)	1,156.2	365.9	41.6
	Cost.....	Million dollars..	(D)	3.0	.4	.1
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):					
	Quantity.....	Million cub. ft..	36,607.3	94,602.5	47,599.3	4,522.6
	Cost.....	Million dollars..	16.4	39.7	21.9	2.5
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	(D)	.8	1.5	.1
	Fuels, n.s.k.....	...do.....	(D)	(D)	2.7	1.7
	Purchased electric energy:					
	Quantity.....	Million kw.-hrs..	988.3	2,329.8	1,194.8	357.1
	Cost.....	Million dollars..	8.0	19.8	10.2	4.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	175.3	4.4	(S)	22.2
	Total energy used for heat and power[1].....	Million kw.-hrs. equiv.....	15,647.3	34,595.0	18,824.0	3,384.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization--the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization--the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3229	PRESSED AND BLOWN GLASS, NEC										
	ENTIRE INDUSTRY	185	42.5	262.3	36.5	72.2	211.6	658.9	237.2	886.2	81.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	180	41.9	259.9	36.0	71.3	209.7	654.9	235.3	880.8	81.2
32291	TABLE, KITCHEN, ART, AND NOVELTY GLASSWARE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	42	17.7	103.4	15.1	28.7	82.9	234.6	76.3	304.5	12.5
32292	LIGHTING AND ELECTRONIC GLASSWARE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	40	12.1	78.9	10.4	21.0	64.5	247.7	80.6	327.8	30.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	34	9.7	63.7	8.3	16.8	52.0	214.3	69.7	283.5	28.4
32293	GLASS FIBER (TEXTILE TYPE FIBER) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	14	6.3	40.0	5.5	11.9	33.0	78.9	50.6	129.7	31.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	14	6.3	40.0	5.5	11.9	33.0	78.9	50.6	129.7	31.0
32294	OTHER PRESSED AND BLOWN GLASSWARE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	20	5.7	37.1	4.9	9.5	29.0	92.4	27.0	116.3	7.0
3231	PRODUCTS OF PURCHASED GLASS										
	ENTIRE INDUSTRY	887	29.2	182.1	23.9	47.4	134.7	393.9	407.2	794.7	21.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	852	26.2	165.1	21.3	42.4	122.3	362.4	379.9	735.7	18.0
32313	LAMINATED GLASS, MADE OF PURCHASED GLASS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	17	5.0	41.3	3.9	8.1	31.3	118.5	152.9	267.6	4.0
32315	MIRRORS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	73	6.5	36.4	5.2	10.6	25.7	66.2	80.2	146.3	3.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	60	4.2	23.2	3.3	6.7	16.1	43.6	59.2	102.8	1.7
32316	OTHER GLASS PRODUCTS, MADE OF PURCHASED GLASS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	237	13.9	84.6	11.4	22.7	62.7	172.1	147.5	317.5	10.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	215	12.7	77.8	10.5	20.8	58.1	158.8	133.9	290.1	9.6

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) - Under 50 thousnad (or under 50 employees).

CEMENT AND STRUCTURAL CLAY PRODUCTS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3241--Cement, Hydraulic
3251--Brick and Structural Clay Tile
3253--Ceramic Wall and Floor Tile
3255--Clay Refractories
3259--Structural Clay Products, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3241--CEMENT, HYDRAULIC

This industry comprises establishments primarily engaged in manufacturing hydraulic cement, including portland, natural, masonry, and pozzolan cements. For a detailed list of products of industry 3241, refer to table 6A, product codes 3241011 to 3241051.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Hydraulic Cement Industry in 1967 totaled $1,246.5 million. This included shipments of hydraulic cement (primary products), valued at $1,217.4 million, shipments of other products (secondary products) valued at $8.3 million, and miscellaneous receipts (mainly resales) of $20.8 million.

This industry's shipments of hydraulic cement (primary products) in 1967 represented 99 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 99 percent. Secondary products shipped by this industry in 1967 consisted mainly of crushed and broken limestone ($3.2 million).

Industry 3241 shipments of hydraulic cement (primary products) in 1967 represented 99 percent (coverage ratio) of these products valued at $1,221.7 million shipped by all industries. In 1963, the coverage ratio was 99 percent. Another industry shipping hydraulic cement (primary products) was industry 2812, Alkalies and Chlorine (over $2 million).

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For Industry 3241, these establishments accounted for 0.04 percent of payroll and 0.02 percent of value added by manufacture.

3251--BRICK AND STRUCTURAL CLAY TILE

This industry comprises establishments primarily engaged in manufacturing brick and structural clay tile. Establishments primarily engaged in manufacturing clay firebrick are classified in industry 3255, nonclay firebrick in industry 3297, sand lime brick in industry 3299, and glass brick in industry 3229. For a detailed list of products of industry 3251, refer to table 6A, product codes 3251111 to 3251251.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Brick and Structural Clay Tile Industry in 1967 totaled $362.0 million. This included shipments of brick and structural clay tile (primary products), valued at $340.0 million, shipments of other products (secondary products) valued at $7.6 million, and miscellaneous receipts (mainly resales) of $14.4 million.

This industry's shipments of brick and structural clay tile (primary products) in 1967 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 98 percent. Secondary products shipped by this industry in 1967 consisted mainly of structural clay products, n.e.c. ($3.8 million).

Industry 3251 shipments of brick and structural clay tile (primary products) in 1967 represented 99 percent (coverage ratio) of these products valued at $343.9 million shipped by all industries. In 1963, the coverage ratio was 98 percent.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For Industry 3251, these establishments accounted for 0.6 percent of payroll and 0.8 percent of value added by manufacture.

3253--CERAMIC WALL AND FLOOR TILE

This industry comprises establishments primarily engaged in manufacturing ceramic wall and floor tile and includes glazed wall tile, ceramic mosaic tile and quarry tile. Establishments primarily engaged in manufacturing structural clay tile and facing tile (structural) are classified in industry 3251, and drain tile in industry 3259. For a detailed list of products of industry 3253, refer to table 6A, product codes 3253013 to 3253071.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Ceramic Wall and Floor Tile Industry in 1967 totaled $160.5 million. This included shipments of ceramic wall and floor tile (primary products), valued at $133.3 million, shipments of other products (secondary products) valued at $9.2 million, and miscellaneous receipts (mainly resales) of $18.0 million.

This industry's shipments of ceramic wall and floor tile (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 95 percent. Secondary products shipped by this industry in 1967 consisted mainly of fine earthenware food utensils (over $2 million).

Industry 3253 shipments of ceramic wall and floor tile (primary products) in 1967 represented 99 percent (coverage ratio) of these products valued at $134.8 million shipped by all industries. In 1963, the coverage ratio was 99 percent.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For Industry 3253, these establishments accounted for 0.2 percent of payroll and 0.1 percent of value added by manufacture.

3255--CLAY REFRACTORIES

This industry comprises establishments primarily engaged in manufacturing clay firebrick and other heat resisting clay products. Establishments primarily engaged in manufacturing nonclay refractories, as well as all graphite refractories whether of carbon bond or ceramic bond, are classified in industry 3297. For a detailed list of products of industry 3255, refer to table 6A, product codes 3255011 to 3255094.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Clay Refractories Industry in 1967 totaled $246.1 million. This included shipments of clay refractories (primary products), valued at $216.5 million, shipments of other products (secondary products) valued at $19.6 million, and miscellaneous receipts (mainly resales) of $10.0 million.

This industry's shipments of clay refractories (primary products) in 1967 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 91 percent. Secondary products shipped by this industry in 1967 consisted mainly of nonclay refractories ($10 to $20 million), mineral wool (over $2 million).

Industry 3255 shipments of clay refractories (primary products) in 1967 represented 92 percent (coverage ratio) of these products valued at $235.3 million shipped by all industries. In 1963, the coverage ratio was 93 percent. Another industry shipping clay refractories (primary products) was Industry 3297, Nonclay Refractories, $14.1 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For Industry 3255, these establishments accounted for 0.7 percent of payroll and 0.8 percent of value added by manufacture.

3259--STRUCTURAL CLAY PRODUCTS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in the manufacture of clay sewer pipe and structural clay products, not elsewhere classified, such as architectural terra-cotta, roofing tile, conduit, chimney pipe, wall coping, adobe brick, etc.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Structural Clay Products, N.E.C., Industry in 1967 totaled $152.9 million. This included shipments of structural clay products, n.e.c. (primary products), valued at $131.8 million, shipments of other products (secondary products) valued at $13.2 million, and miscellaneous receipts (mainly resales) of $7.9 million.

This industry's shipments of structural clay products, n.e.c. (primary products) in 1967 represented 91 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 89 percent. Secondary products shipped by this industry in 1967 consisted mainly of miscellaneous plastics products ($5 to $10 million).

Industry 3259 shipments of Structural Clay Products, N.E.C. (primary products) in 1967 represented 96 percent (coverage ratio) of these products valued at $137.1 million shipped by all industries. In 1963, the coverage ratio was 95 percent. Another industry shipping structural clay products, n.e.c. (primary products) was industry 3251, Brick and Structural Clay Tile, $3.8 million.

As indicated in the introduction, small establishments generally with less than 10 em-employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For Industry 3259, these establishments accounted for 0.5 percent of payroll and 0.6 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3241.--CEMENT, HYDRAULIC														
1967 Census....	197	180	32.6	247.7	26.2	52.5	184.4	812.3	439.2	1,246.5	90.5	204.3	99	99
1966 ASM[1].....	(NA)	(NA)	33.6	244.3	26.9	54.7	186.1	839.3	424.5	1,253.4	94.8	190.9	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	34.5	243.6	27.9	55.9	181.5	840.4	406.1	1,250.8	117.4	176.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	34.7	233.6	28.0	57.0	176.9	805.0	397.4	1,198.9	93.9	179.9	(NA)	(NA)
1963 Census....	188	179	34.9	227.4	28.7	57.6	173.9	785.7	388.7	1,176.9	120.8	180.6	99	99
1962 ASM[1].....	(NA)	(NA)	35.5	220.9	29.7	59.1	171.1	771.8	360.4	1,131.1	96.7	179.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	36.4	218.1	30.5	60.5	170.6	752.9	355.4	1,107.9	100.2	180.0	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	39.4	227.9	33.2	66.7	180.2	760.8	366.8	1,112.3	114.3	186.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	41.1	229.8	35.0	71.2	183.0	815.1	379.5	1,191.0	119.4	171.9	(NA)	(NA)
1958 Census[2]...	175	170	41.1	214.2	34.8	69.5	170.2	724.8	354.4	1,073.5	113.1	166.6	99	99
INDUSTRY 3251.--BRICK AND STRUCTURAL CLAY TILE														
1967 Census....	482	363	27.5	143.8	23.3	47.9	109.8	251.1	114.8	362.0	27.1	60.6	98	99
1966 ASM[1].....	(NA)	(NA)	29.4	149.3	25.3	53.1	117.3	274.9	123.4	386.8	25.5	61.9	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	29.9	145.0	25.7	53.2	113.8	264.3	120.6	384.7	26.4	49.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	29.2	134.8	25.0	52.8	105.7	258.4	106.8	365.9	*19.4	49.7	(NA)	(NA)
1963 Census....	512	400	28.6	130.4	24.7	51.2	102.6	216.5	106.0	325.1	19.3	48.0	98	98
1962 ASM[1].....	(NA)	(NA)	33.1	139.5	28.8	58.9	110.1	238.0	164.8	400.2	15.7	54.0	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	34.0	136.2	29.7	59.5	108.3	225.2	150.9	370.5	*19.9	54.2	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	34.2	135.4	29.5	59.1	107.3	214.9	151.6	359.7	*13.8	50.9	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	34.1	135.9	29.8	61.3	108.5	226.1	119.6	342.5	*20.0	45.3	(NA)	(NA)
1958 Census[2]...	569	430	31.1	122.9	27.0	55.3	97.2	196.9	89.4	286.7	14.0	42.8	96	98
INDUSTRY 3253.--CERAMIC WALL AND FLOOR TILE														
1967 Census....	80	59	10.6	60.6	8.5	17.6	41.8	105.9	54.9	160.5	4.7	35.2	93	99
1966 ASM[1].....	(NA)	(NA)	11.6	63.5	9.4	19.6	45.8	105.4	58.1	162.1	8.2	38.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	12.6	65.6	10.2	20.9	46.5	113.6	60.6	173.0	12.8	37.0	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	13.1	66.4	10.4	21.6	46.2	117.0	60.9	175.4	7.1	36.4	(NA)	(NA)
1963 Census....	90	64	12.8	63.7	10.4	21.0	43.8	110.6	55.1	164.7	9.1	33.2	95	99
1962 ASM[1].....	(NA)	(NA)	13.2	62.8	10.7	22.0	44.4	120.2	56.9	173.4	*5.4	31.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	12.6	57.6	10.0	20.2	39.4	101.6	50.9	153.7	3.8	27.7	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	13.8	61.3	11.1	23.0	43.9	106.9	52.4	157.6	5.6	29.9	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	14.4	63.8	11.7	24.0	47.4	112.6	54.2	163.5	*8.5	28.8	(NA)	(NA)
1958 Census[2]...	90	62	13.1	53.7	10.9	21.8	41.5	92.8	44.1	135.5	3.3	24.1	94	99
INDUSTRY 3255.--CLAY REFRACTORIES														
1967 Census....	145	107	12.6	84.3	10.1	19.2	59.2	151.4	97.4	246.1	17.9	65.6	92	92
1966 ASM[1].....	(NA)	(NA)	13.4	85.4	11.0	21.4	63.3	158.7	111.6	267.1	21.9	63.7	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	12.6	77.6	10.4	20.7	58.5	140.6	103.4	243.3	11.5	58.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	11.6	70.6	9.5	18.8	52.8	135.0	86.7	220.8	8.6	56.6	(NA)	(NA)
1963 Census....	150	109	11.4	64.8	9.4	18.1	49.6	118.2	74.5	192.2	7.9	54.0	91	93
1962 ASM[1].....	(NA)	(NA)	12.0	67.1	10.3	18.1	49.3	114.6	74.0	189.3	8.1	53.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	12.9	68.5	11.1	19.4	51.5	113.1	78.2	189.7	6.5	55.1	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	13.9	71.0	12.1	21.2	54.5	118.8	75.5	193.1	8.5	54.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	13.6	69.9	11.8	21.2	53.0	123.0	72.5	193.2	9.9	51.4	(NA)	(NA)
1958 Census[2]...	167	117	12.4	59.8	10.1	18.6	44.9	104.9	56.6	163.5	10.8	46.3	93	92
INDUSTRY 3259.--STRUCTURAL CLAY PRODUCTS, N.E.C.														
1967 Census....	144	95	9.7	55.2	8.1	16.5	42.9	103.4	48.7	152.9	9.7	29.7	91	96
1966 ASM[1].....	(NA)	(NA)	10.9	58.0	9.2	18.6	45.3	102.8	56.0	155.7	5.9	31.0	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	11.8	62.1	10.0	20.2	49.1	109.3	59.7	167.0	8.5	28.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	11.3	61.3	9.4	20.5	47.7	112.7	56.9	168.7	6.6	26.6	(NA)	(NA)
1963 Census....	164	108	12.2	62.0	10.4	21.1	48.7	108.4	53.4	159.7	5.8	27.4	89	95
1962 ASM[1].....	(NA)	(NA)	12.2	63.0	10.5	20.9	49.6	104.9	47.3	153.9	*7.4	24.1	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	13.1	62.9	11.3	22.9	49.8	107.4	45.2	150.1	8.2	26.4	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	13.4	62.2	11.6	23.0	49.9	108.8	45.5	149.7	11.4	23.9	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	13.9	62.2	11.7	23.4	48.9	107.7	43.9	156.6	6.8	18.9	(NA)	(NA)
1958 Census[2]...	192	117	13.8	56.5	11.8	22.2	44.6	95.9	38.2	134.9	6.8	19.8	97	94

Note: In 1967, 1963, and 1958, the number of companies in industry 3241 was 65, 55, and 62, respectively; in industry 3251: 377, 401, and 468; industry 3253: 57, 72, and 79; industry 3255: 83, 80, and 104; industry 3259: 110, 126, and NA.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. *These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3241.--CEMENT, HYDRAULIC								
1967 Census	7,589	80	2,000	3.51	.35	.55	24,885	30	15.46
1966 ASM	7,280	80	2,032	3.40	.34	.53	25,011	29	15.34
1965 ASM	7,051	81	2,001	3.25	.32	.52	24.324	29	15.05
1964 ASM	6,741	81	2,037	3.10	.33	.53	23,229	29	14.12
1963 Census	6,522	82	2,005	3.02	.33	.52	22,536	29	13.65
1962 ASM	6,220	84	1,989	2.90	.32	.51	21,729	29	13.07
1961 ASM	5,994	84	1,982	2.82	.32	.52	20,690	29	12.44
1960 ASM	5,791	84	2,007	2.70	.33	.53	19,331	30	11.40
1959 ASM	5,586	85	2,033	2.57	.32	.51	19,819	28	11.45
1958 Census	5,209	85	1,998	2.45	.33	.53	17,623	30	10.43
	INDUSTRY 3251.--BRICK AND STRUCTURAL CLAY TILE								
1967 Census	5,234	85	2,053	2.29	.32	.71	9,141	57	5.24
1966 ASM	5,071	86	2,102	2.21	.32	.71	9,340	54	5.17
1965 ASM	4,857	86	2,068	2.14	.31	.69	8,851	55	4.97
1964 ASM	4,615	86	2,111	2.00	.29	.66	8,845	52	4.89
1963 Census	4,555	86	2,077	2.00	.33	.73	7,566	60	4.23
1962 ASM	4,213	87	2,047	1.87	.41	.76	7,189	59	4.04
1961 ASM	4,007	87	2,005	1.82	.41	.77	6,627	60	3.78
1960 ASM	3,964	86	2,007	1.81	.42	.80	6,293	63	3.63
1959 ASM	3,984	87	2,060	1.77	.35	.75	6,628	60	3.69
1958 Census	3,952	87	2,052	1.76	.31	.74	6,334	62	3.56
	INDUSTRY 3253.--CERAMIC WALL AND FLOOR TILE								
1967 Census	5,708	80	2,077	2.38	.34	.72	9,974	57	6.02
1966 ASM	5,467	81	2,081	2.34	.36	.75	9,073	60	5.37
1965 ASM	5,215	81	2,053	2.22	.35	.73	9,034	58	5.42
1964 ASM	5,083	80	2,071	2.14	.35	.73	8,956	57	5.42
1963 Census	4,982	81	2,018	2.09	.33	.72	8,642	58	5.26
1962 ASM	4,740	81	2,058	2.02	.33	.69	9,073	52	5.46
1961 ASM	4,580	80	2,013	1.95	.33	.71	8,082	57	5.03
1960 ASM	4,454	81	2,070	1.91	.33	.72	7,769	57	4.66
1959 ASM	4,436	81	2,061	1.97	.33	.72	7,836	57	4.69
1958 Census	4,112	83	1,999	1.91	.33	.72	7,100	58	4.26
	INDUSTRY 3255.--CLAY REFRACTORIES								
1967 Census	6,697	80	1,905	3,09	.40	.74	12,035	56	7.90
1966 ASM	6,362	82	1,951	2.96	.42	.74	11.824	54	7.43
1965 ASM	6,140	83	1,983	2.83	.43	.74	11,124	55	6.79
1964 ASM	6,077	81	1,983	2.81	.39	.71	11,616	52	7.20
1963 Census	5,671	82	1,929	2.74	.39	.72	10,345	55	6.52
1962 ASM	5,579	86	1,749	2.73	.39	.75	9,533	.59	6.35
1961 ASM	5,320	87	1,744	2.65	.41	.77	8,788	61	5.82
1960 ASM	5,113	87	1,751	2.57	.39	.76	8,556	60	5.59
1959 ASM	5,133	87	1,796	2.49	.38	.74	9,038	57	5.79
1958 Census	4,826	82	1,838	2.42	.35	.71	8,464	57	5.65
	INDUSTRY 3259.--STRUCTURAL CLAY PRODUCTS, N.E.C.								
1967 Census	5,711	83	2,046	2.60	.32	.68	10,694	53	6.27
1966 ASM	5,299	84	2,013	2.44	.36	.73	9,389	56	5.54
1965 ASM	5,283	85	2,030	2.43	.36	.73	9,298	57	5.40
1964 ASM	5,413	83	2,184	2.33	.34	.70	9,954	54	5.49
1963 Census	5,085	85	2,040	2.30	.33	.72	8,897	57	5.13
1962 ASM	5,151	86	1,989	2.37	.31	.72	8,577	60	5.01
1961 ASM	4,817	86	2,030	2.17	.30	.72	8,226	59	4.69
1960 ASM	4,629	86	1,989	2.17	.30	.72	8,090	57	4.72
1959 ASM	4,481	85	1,995	2.09	.29	.70	7,761	58	4.60
1958 Census	4,104	86	1,881	2.01	.28	.70	6,970	59	4.32

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3241-- CEMENT, HYDRAULIC													
UNITED STATES	197	180	32.6	247.7	26.2	52.5	184.4	812.3	439.2	1 246.5	90.5	34.9	785.7
NORTHEAST REGION	40	33	6.5	52.2	5.2	10.7	38.6	128.4	87.8	219.4	16.8	7.0	124.0
NEW ENGLAND DIVISION	4	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MAINE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	35	31	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	13	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	21	20	3.8	29.5	3.2	6.5	23.4	77.5	50.7	130.9	7.2	4.8	84.0
NORTH CENTRAL REGION	53	49	10.4	78.6	8.5	16.6	59.6	277.8	133.8	405.7	29.2	11.1	263.5
EAST NORTH CENTRAL DIVISION	32	28	6.6	50.8	5.3	10.4	38.0	174.8	90.3	261.0	18.1	6.8	163.4
OHIO	8	8	1.6	11.3	1.2	2.3	7.7	34.3	13.2	48.0	1.9	1.8	37.3
INDIANA	6	5	1.6	11.2	1.3	2.4	8.4	34.7	28.3	63.4	1.3	1.6	35.5
ILLINOIS	4	4	.9	6.8	.8	1.6	5.7	24.1	9.9	32.8	.6	1.1	28.2
MICHIGAN	11	9	2.3	19.8	1.8	3.7	14.7	72.8	33.7	102.9	13.5	2.0	55.5
WISCONSIN	3	2	.2	1.7	.2	.4	1.4	8.8	5.2	13.8	.8	.3	7.0
WEST NORTH CENTRAL DIVISION	21	21	3.9	27.8	3.2	6.2	21.7	103.0	43.5	144.7	11.1	4.3	100.1
IOWA	5	5	1.1	8.2	.9	1.9	6.7	32.6	15.5	47.5	(D)	1.3	32.0
MISSOURI	7	7	1.3	9.1	1.0	1.8	6.5	38.4	14.8	52.3	8.1	1.3	31.4
KANSAS	6	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	20.9
SOUTH REGION	69	64	9.9	69.9	8.0	16.2	52.6	252.8	139.4	389.8	22.8	9.8	242.8
SOUTH ATLANTIC DIVISION	19	16	3.0	21.0	2.6	5.2	17.5	72.7	42.8	115.6	6.0	3.1	70.1
MARYLAND	3	3	.6	4.3	.6	1.0	3.7	12.8	6.7	20.1	.6	.6	14.7
VIRGINIA	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	15.2
WEST VIRGINIA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	3	3	.3	2.4	.3	.6	2.0	7.0	5.7	12.3	.6	.3	8.3
FLORIDA	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	19	19	2.7	18.5	2.2	4.3	14.6	62.9	41.5	103.7	2.2	2.7	63.4
KENTUCKY	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	6	6	.8	5.4	.7	1.3	4.4	21.8	8.8	30.5	.2	.9	22.9
ALABAMA	10	10	1.4	9.3	1.1	2.2	7.3	32.3	26.7	58.1	1.8	1.3	30.3
MISSISSIPPI	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	31	29	4.3	30.3	3.2	6.6	20.5	117.2	55.1	170.5	14.6	4.0	109.3
ARKANSAS	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
LOUISIANA	4	4	.6	4.8	.5	1.0	3.4	13.7	9.5	23.1	1.1	[2](D)	[2](D)
OKLAHOMA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	16.8
TEXAS	22	20	2.9	20.1	2.2	4.6	13.8	76.6	35.1	110.5	(D)	2.6	69.9
WEST REGION	35	34	5.8	47.1	4.5	9.1	33.6	153.4	78.3	231.6	21.8	6.9	155.4
MOUNTAIN DIVISION	12	12	1.3	9.7	1.0	1.9	7.2	38.1	15.9	54.1	1.7	1.5	43.5
MONTANA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
COLORADO	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ARIZONA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
UTAH	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	23	22	4.5	37.5	3.5	7.2	26.3	115.2	62.3	177.5	20.1	5.4	111.9
WASHINGTON	5	5	.5	3.7	.4	.7	2.3	9.7	8.2	17.8	(D)	.6	9.9
OREGON	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	14	13	3.6	30.1	2.8	5.7	21.4	95.4	46.1	141.9	7.9	4.3	93.1
HAWAII	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3251-- BRICK AND STRUCTURAL CLAY TILE													
UNITED STATES	482	363	27.5	143.8	23.3	47.9	109.8	251.1	114.8	362.0	27.1	28.6	216.5
NORTHEAST REGION	75	59	3.6	21.6	3.2	6.7	17.5	35.8	16.6	51.5	3.9	3.9	34.1
NEW ENGLAND DIVISION	21	13	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	4.5
CONNECTICUT	7	5	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.3
MIDDLE ATLANTIC DIVISION	54	46	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.2	29.6
NEW YORK	11	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	6.3
NEW JERSEY	7	6	.4	2.3	.4	.7	1.9	3.8	1.7	5.6	.1	.4	4.1
PENNSYLVANIA	36	32	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	19.2
NORTH CENTRAL REGION	123	95	6.7	39.1	5.8	11.9	31.7	60.6	28.9	88.1	10.3	7.5	60.3
EAST NORTH CENTRAL DIVISION	88	67	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.0	48.4
OHIO	47	37	3.1	18.5	2.7	5.4	15.2	30.7	14.1	44.0	(D)	3.3	27.9
INDIANA	18	13	1.0	5.2	.9	1.7	4.3	7.2	4.2	11.5	.2	1.3	9.1
ILLINOIS	18	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	10.5
WEST NORTH CENTRAL DIVISION	35	28	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	11.9
IOWA	10	9	.5	2.4	.4	.8	1.9	3.8	2.2	5.6	(D)	.4	3.0
MISSOURI	11	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.1
KANSAS	6	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	2.8

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3251-- BRICK AND STRUCTURAL CLAY TILE-- CONTINUED													
SOUTH REGION	220	176	15.0	70.3	12.7	26.1	51.8	136.7	58.9	192.8	11.9	14.3	98.5
SOUTH ATLANTIC DIVISION	92	76	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.8	50.7
MARYLAND	10	8	.4	2.4	.4	.8	1.9	4.2	1.5	5.6	.5	.5	4.5
VIRGINIA	15	12	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	7.6
WEST VIRGINIA	7	4	.3	1.5	.3	.5	1.2	1.8	1.2	2.8	.1	.4	2.0
NORTH CAROLINA	33	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.0	16.8
SOUTH CAROLINA	15	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
GEORGIA	9	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	11.0
EAST SOUTH CENTRAL DIVISION	51	41	3.3	15.7	2.9	5.8	11.8	32.6	15.4	47.5	2.2	3.0	24.9
KENTUCKY	9	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	2.6
TENNESSEE	9	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	16	13	1.2	6.0	1.1	2.1	4.7	12.3	5.1	17.1	.9	[2](D)	[2](D)
MISSISSIPPI	17	13	.9	3.8	.8	1.6	2.8	7.3	4.7	11.8	.4	.8	6.1
WEST SOUTH CENTRAL DIVISION	77	59	4.5	19.5	3.9	7.9	14.8	36.3	14.8	50.5	2.5	4.6	23.7
ARKANSAS	8	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	2.9
LOUISIANA	10	6	.3	1.1	.2	.5	.7	1.9	1.2	3.1	(D)	.4	1.4
OKLAHOMA	10	9	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	1.8
TEXAS	49	37	3.2	14.1	2.8	5.7	10.9	25.1	10.1	34.7	1.9	3.1	17.5
WEST REGION	64	33	2.1	12.9	1.6	3.2	8.8	18.0	10.4	29.6	1.0	2.8	22.7
MOUNTAIN DIVISION	25	14	1.1	6.3	.8	1.6	4.2	9.1	5.9	15.5	.5	1.5	11.4
COLORADO	7	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	6.3
UTAH	5	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	39	19	1.0	6.6	.8	1.6	4.6	8.9	4.6	14.1	.6	1.3	11.3
OREGON	7	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.1	.8
CALIFORNIA	27	13	.7	4.8	.6	1.2	3.6	6.1	3.0	9.8	.5	1.0	8.4
3253-- CERAMIC WALL AND FLOOR TILE													
UNITED STATES	80	59	10.6	60.6	8.5	17.6	41.8	105.9	54.9	160.5	4.7	12.0	110.6
NORTHEAST REGION	17	12	2.7	16.7	2.1	4.5	11.7	29.3	13.1	41.8	1.6	2.9	26.7
NEW ENGLAND DIVISION	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	15	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	5	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	5	3	.5	3.1	.4	.8	2.0	5.4	3.5	9.0	.3	[2](D)	[2](D)
PENNSYLVANIA	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	15	12	2.3	13.1	1.9	3.9	9.4	22.6	10.6	33.6	1.0	3.9	33.1
EAST NORTH CENTRAL DIVISION	13	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	12	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.4	30.1
SOUTH REGION	27	23	3.6	17.2	2.9	6.0	12.0	33.2	22.0	55.1	1.5	3.6	26.7
SOUTH ATLANTIC DIVISION	7	5	.9	4.1	.7	1.5	2.9	10.0	5.5	15.1	.7	(D)	(D)
NORTH CAROLINA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	5.4
EAST SOUTH CENTRAL DIVISION	7	7	1.3	6.8	1.1	2.3	5.3	11.9	7.1	19.4	.4	(D)	(D)
KENTUCKY	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	13	11	1.4	6.3	1.1	2.1	3.9	11.3	9.4	20.6	.4	(D)	(D)
ARKANSAS	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	12	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3	7.0
WEST REGION	21	12	2.1	13.7	1.5	3.2	8.6	20.8	9.3	30.1	.6	2.5	24.1
PACIFIC DIVISION	20	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	19	12	2.0	13.5	1.5	3.2	8.5	20.6	9.2	29.6	(D)	2.4	23.8
3255-- CLAY REFRACTORIES													
UNITED STATES	145	107	12.6	84.3	10.1	19.2	59.2	151.4	97.4	246.1	17.9	11.4	118.2
NORTHEAST REGION	44	33	3.1	20.7	2.5	4.8	15.4	35.4	23.4	58.1	4.9	3.1	31.5
MIDDLE ATLANTIC DIVISION	41	32	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW JERSEY	5	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	36	29	2.8	18.6	2.3	4.[illegible]	13.8	31.3	20.6	51.2	(D)	2.9	29.8
NORTH CENTRAL REGION	51	41	6.0	41.9	4.7	9.0	28.0	73.3	49.1	121.5	7.5	5.6	59.2
EAST NORTH CENTRAL DIVISION	39	30	2.1	12.3	1.8	3.3	9.4	23.9	15.3	39.5	1.0	(D)	(D)
OHIO	34	27	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	19.3
ILLINOIS	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	12	11	3.9	29.6	2.9	5.6	18.6	49.4	33.8	81.9	6.5	(D)	(D)
MISSOURI	12	11	3.9	29.6	2.9	5.6	18.6	49.4	33.8	81.9	6.5	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3255-- CLAY REFRACTORIES--CONTINUED													
SOUTH REGION	33	23	3.0	18.7	2.5	4.7	13.6	35.6	19.1	53.3	5.1	2.2	21.1
SOUTH ATLANTIC DIVISION	16	10	1.8	12.0	1.4	2.8	7.9	24.0	12.2	35.2	3.6	1.3	12.7
MARYLAND	5	4	.4	2.6	.3	.6	2.1	6.0	3.3	9.2	.2	.2	2.2
WEST VIRGINIA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	10	7	.8	5.1	.7	1.3	4.4	8.3	5.0	13.0	1.0	.7	6.6
KENTUCKY	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	4.7
ALABAMA	5	3	.3	1.8	.2	.4	1.5	3.5	1.6	4.8	.6	.2	2.0
WEST SOUTH CENTRAL DIVISION	7	6	.4	1.7	.3	.6	1.4	3.4	1.8	5.1	.4	.2	1.8
TEXAS	6	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.8
WEST REGION	17	10	.5	2.9	.4	.7	2.1	7.2	5.8	13.2	.4	.5	6.4
PACIFIC DIVISION	13	6	.3	2.1	.3	.5	1.6	6.2	4.3	10.6	(D)	(D)	(D)
CALIFORNIA	10	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	3.6
3259-- STRUCTURAL CLAY PRODUCTS, NEC													
UNITED STATES	144	95	9.7	55.2	8.1	16.5	42.9	103.4	48.7	152.9	9.7	12.2	108.4
NORTHEAST REGION	13	10	.8	4.8	.7	1.5	4.0	8.5	3.6	12.0	.2	1.1	8.7
MIDDLE ATLANTIC DIVISION	13	10	.8	4.8	.7	1.5	4.0	8.5	3.6	12.0	.2	[2](D)	[2](D)
NEW JERSEY[e]	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	9	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	86	58	5.3	31.2	4.4	8.9	24.4	54.2	25.6	79.4	4.3	6.8	51.5
EAST NORTH CENTRAL DIVISION	71	47	4.2	24.4	3.5	7.1	19.3	41.5	18.6	59.6	3.6	5.3	37.5
OHIO	38	26	2.6	14.8	2.3	4.3	11.8	24.8	10.8	35.4	1.8	3.3	21.2
INDIANA	12	9	.8	4.5	.6	1.3	3.4	7.3	3.8	11.0	.4	[2](D)	21.2
ILLINOIS	13	9	.6	3.8	.5	1.1	3.2	6.6	3.3	9.7	.2	.6	4.8
MICHIGAN	5	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.3
WEST NORTH CENTRAL DIVISION	15	11	1.1	6.7	.9	1.8	5.2	12.7	7.0	19.8	.7	1.5	14.0
IOWA	9	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	21	16	2.4	11.8	1.9	4.1	8.5	23.7	11.8	36.4	3.6	2.5	23.5
SOUTH ATLANTIC DIVISION	11	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CAROLINA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	5	5	.6	3.1	.4	.9	2.1	6.6	2.6	9.6	.3	(D)	(D)
KENTUCKY	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	24	11	1.2	7.4	1.0	2.0	5.9	17.0	7.6	25.2	1.5	1.8	24.7
PACIFIC DIVISION	21	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	14	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	23.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Cement hydraulic (SIC 3241)			Brick and structural clay tile (SIC 3251)			Ceramic floor and wall tile (SIC 3253)
	Total	Establishments without mining or quarrying activity (3241-02)	Establishments with mining or quarrying activity (3241-11)	Total	Establishments without mining or quarrying activity (SIC 3251-02)	Establishments with mining or quarrying activity (SIC 3251-11)	
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.99	1.00	.99	.98	.95	.99	.93
COVERAGE RATIO[2]	.99	(NA)	(NA)	.99	(NA)	(NA)	.99
ESTABLISHMENTS, TOTAL .NUMBER	197	47	150	482	182	300	80
WITH 1 TO 19 EMPLOYEES .DO	17	17	-	119	99	20	21
WITH 20 TO 99 EMPLOYEES .DO	34	15	19	300	65	235	26
WITH 100 EMPLOYEES OR MORE .DO	146	15	131	63	18	45	33
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	32.6	4.4	28.2	27.5	7.0	20.5	10.6
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	247.7	35.1	212.6	143.8	36.3	107.5	60.6
PRODUCTION WORKERS:							
AVERAGE FOR YEAR 1,000	26.2	3.5	22.7	23.3	6.0	17.4	8.5
MARCH .DO	24.9	3.3	21.6	21.8	5.4	16.4	8.1
MAY .DO	26.6	3.5	23.0	23.7	6.1	17.5	8.5
AUGUST .DO	27.5	3.7	23.8	24.6	6.3	18.3	8.6
NOVEMBER .DO	25.9	3.3	22.5	23.3	6.0	17.3	8.7
MAN-HOURS .MILLIONS	52.5	7.1	45.5	47.9	11.9	36.0	17.6
JANUARY-MARCH .DO	12.5	1.7	10.8	10.9	2.7	8.2	4.1
APRIL-JUNE .DO	13.4	1.8	11.6	12.2	3.1	9.2	4.5
JULY-SEPTEMBER .DO	13.6	1.8	11.8	12.8	3.2	9.6	4.5
OCTOBER-DECEMBER .DO	13.0	1.7	11.3	12.0	2.9	9.0	4.5
WAGES MILLION DOLLARS	184.4	25.0	159.4	109.8	27.5	82.3	41.8
COST OF MATERIALS, ETC., TOTAL .DO	439.2	87.0	352.2	114.8	31.4	83.4	54.9
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	227.7	56.3	171.4	56.7	17.8	39.0	37.4
COST OF RESALES .DO	17.4	2.6	14.8	11.2	2.3	9.0	12.5
FUELS CONSUMED .DO	124.6	15.7	108.9	35.2	8.4	26.8	3.3
PURCHASED ELECTRIC ENERGY .DO	65.9	11.2	54.7	9.5	2.4	7.1	1.6
CONTRACT WORK .DO	3.6	1.2	2.4	2.2	.6	1.5	.1
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	1 246.5	184.9	1 061.6	362.0	87.2	274.7	160.5
VALUE OF RESALES .DO	19.1	3.3	15.9	12.8	2.7	10.1	17.4
VALUE ADDED BY MANUFACTURE .DO	812.3	98.2	714.1	251.1	55.3	195.9	105.9
MANUFACTURERS' INVENTORIES:							
BEGINNING OF YEAR, TOTAL .DO	195.5	35.2	160.4	56.6	15.4	41.2	35.1
FINISHED PRODUCTS .DO	73.5	13.1	61.4	44.6	12.1	32.5	24.0
WORK IN PROCESS .DO	31.1	5.0	25.5	3.7	1.0	2.7	3.7
MATERIALS, SUPPLIES, FUEL, ETC. .DO	90.8	17.1	73.5	8.3	2.3	6.0	7.4
END OF YEAR, TOTAL .DO	204.3	36.1	168.2	60.6	14.8	45.9	35.2
FINISHED PRODUCTS .DO	76.8	13.5	62.3	48.8	11.6	37.2	24.6
WORK IN PROCESS .DO	33.7	4.9	29.4	3.5	1.0	2.5	3.4
MATERIALS, SUPPLIES, FUEL, ETC. .DO	93.8	17.7	76.5	8.4	2.2	6.1	7.2
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	93.5	23.5	69.9	29.4	11.2	18.3	5.4
NEW PLANT AND EQUIPMENT, TOTAL .DO	90.5	23.1	67.3	27.1	10.7	16.4	4.7
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	21.7	9.8	11.8	7.1	3.4	3.7	.6
NEW MACHINERY AND EQUIPMENT .DO	68.9	13.3	55.5	20.0	7.3	12.7	4.1
USED PLANT AND EQUIPMENT .DO	3.0	.4	2.6	2.3	.4	1.9	.7

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1967—Continued

Item	Clay refractories (3255)	Structural clay products, n.e.c. (SIC 3259)		
		Total	Establishments without mining or quarrying activity (3259-02)	Establishments with mining or quarrying activity (3259-11)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.92	.91	.95	.88
COVERAGE RATIO[2]	.92	.96	(NA)	(NA)
ESTABLISHMENTS, TOTAL ..... NUMBER	145	144	80	64
WITH 1 TO 19 EMPLOYEES ..... DO	38	49	39	10
WITH 20 TO 99 EMPLOYEES ..... DO	74	62	26	36
WITH 100 EMPLOYEES OR MORE ..... DO	33	33	15	18
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	12.6	9.7	4.0	5.7
PAYROLL FOR YEAR, ALL EMPLOYEES ... MILLION DOLLARS	84.3	55.2	22.6	32.6
PRODUCTION WORKERS:				
AVERAGE FOR YEAR 1,000	10.1	8.1	3.3	4.7
MARCH ..... DO	10.4	7.5	3.1	4.4
MAY ..... DO	10.4	7.8	3.1	4.7
AUGUST ..... DO	10.1	8.6	3.6	5.0
NOVEMBER ..... DO	9.4	8.3	3.6	4.8
MAN-HOURS ..... MILLIONS	19.2	16.5	6.6	9.9
JANUARY-MARCH ..... DO	5.0	3.7	1.4	2.3
APRIL-JUNE ..... DO	5.0	4.0	1.5	2.5
JULY-SEPTEMBER ..... DO	4.7	4.5	1.9	2.6
OCTOBER-DECEMBER ..... DO	4.5	4.3	1.8	2.5
WAGES ..... MILLION DOLLARS	59.2	42.9	17.6	25.2
COST OF MATERIALS, ETC., TOTAL ..... DO	97.4	48.7	22.1	26.6
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED ..... DO	72.8	27.0	12.3	14.6
COST OF RESALES ..... DO	7.5	6.2	3.7	2.5
FUELS CONSUMED ..... DO	13.4	11.9	4.6	7.3
PURCHASED ELECTRIC ENERGY ..... DO	3.5	2.6	1.0	1.6
CONTRACT WORK ..... DO	.1	1.1	.5	.6
VALUE OF SHIPMENTS, INCLUDING RESALES ..... DO	246.1	152.9	64.8	88.1
VALUE OF RESALES ..... DO	8.7	6.8	4.0	2.8
VALUE ADDED BY MANUFACTURE ..... DO	151.4	103.4	42.6	60.8
MANUFACTURERS' INVENTORIES:				
BEGINNING OF YEAR, TOTAL ..... DO	64.8	30.5	13.1	17.4
FINISHED PRODUCTS ..... DO	33.3	23.7	10.0	13.8
WORK IN PROCESS ..... DO	3.7	2.0	1.0	1.0
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	27.8	4.8	2.1	2.7
END OF YEAR, TOTAL ..... DO	65.6	29.7	13.0	16.7
FINISHED PRODUCTS ..... DO	35.5	22.1	9.1	13.0
WORK IN PROCESS ..... DO	4.2	2.8	1.8	1.0
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	25.9	4.8	2.1	2.7
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL ..... DO	18.1	9.8	4.6	5.2
NEW PLANT AND EQUIPMENT, TOTAL ..... DO	17.9	9.7	4.5	5.1
NEW STRUCTURES AND ADDITIONS TO PLANT ..... DO	4.1	2.2	1.4	.8
NEW MACHINERY AND EQUIPMENT ..... DO	13.8	7.5	3.1	4.4
USED PLANT AND EQUIPMENT ..... DO	.2	.1	(Z)	.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. X Not applicable. (NA Not available. D) Withheld to avoid disclosing figures for individual companies. Z Under 50 thousand or under 50 employees,.

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
3241-- CEMENT, HYDRAULIC											
ESTABLISHMENTS, TOTAL	197	32.6	247.7	26.2	52.5	184.4	812.3	439.2	1 246.5	90.5	204.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	12	(Z)	.1	(Z)	(Z)	.1	.4	.3	.7	12.2	.1
5 TO 9 EMPLOYEES[e]	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	4	.1	.4	(Z)	.1	.3	2.8	2.6	5.5	(D)	.6
20 TO 49 EMPLOYEES	4	.1	.9	.1	.2	.6	1.6	1.7	2.6	(D)	.3
50 TO 99 EMPLOYEES	30	2.4	19.1	1.9	3.9	14.1	77.3	44.6	120.8	11.3	21.1
100 TO 249 EMPLOYEES	115	18.7	138.8	15.3	30.9	106.2	470.8	248.8	716.4	46.3	113.5
250 TO 499 EMPLOYEES	27	8.3	63.6	6.5	12.9	46.0	182.5	99.3	283.7	14.7	42.3
500 TO 999 EMPLOYEES	3	3.0	24.9	2.3	4.7	17.2	76.8	42.1	116.8	6.0	26.4
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3251-- BRICK AND STRUCTURAL CLAY TILE											
ESTABLISHMENTS, TOTAL	482	27.5	143.8	23.3	47.9	109.8	251.1	114.8	362.0	27.1	60.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	55	.1	.5	.1	.2	.4	1.4	.7	2.1	6.8	.4
5 TO 9 EMPLOYEES[e]	20	.1	.6	.1	.2	.5	1.3	.5	1.8	(D)	.3
10 TO 19 EMPLOYEES[e]	44	.6	3.4	.5	1.1	2.4	4.5	3.6	8.1	(D)	1.0
20 TO 49 EMPLOYEES	155	5.4	27.4	4.6	9.4	21.5	47.3	25.6	73.0	4.8	14.1
50 TO 99 EMPLOYEES	145	9.9	53.0	8.5	17.7	40.6	94.4	40.2	131.8	6.0	21.5
100 TO 249 EMPLOYEES	53	7.6	41.4	6.5	13.5	31.7	75.1	32.4	106.2	7.8	16.3
250 TO 499 EMPLOYEES	9	3.7	17.4	3.1	5.9	12.6	27.2	11.9	39.1	1.7	6.9
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	59	.2	.9	.2	.3	.7	1.9	1.0	2.9	.2	.5
3253-- CERAMIC WALL AND FLOOR TILE											
ESTABLISHMENTS, TOTAL	80	10.6	60.6	8.5	17.6	41.8	105.9	54.9	160.5	4.7	35.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	9	(Z)	.1	(Z)	(Z)	(Z)	.2	.1	.3	.1	(Z)
5 TO 9 EMPLOYEES	3	(Z)	.2	(Z)	(Z)	.1	.3	.1	.4	(D)	(Z)
10 TO 19 EMPLOYEES	9	.1	.7	.1	.2	.5	.6	.4	1.3	(Z)	.2
20 TO 49 EMPLOYEES	16	.6	2.5	.5	1.0	1.9	3.8	2.6	6.6	.2	1.2
50 TO 99 EMPLOYEES	10	.8	3.5	.7	1.4	2.7	5.4	3.3	8.4	.4	2.0
100 TO 249 EMPLOYEES	22	3.6	20.0	2.9	6.3	14.0	36.7	18.5	55.6	1.8	11.0
250 TO 499 EMPLOYEES	7	2.3	12.4	1.9	3.8	8.5	24.9	15.1	39.9	1.2	8.5
500 TO 999 EMPLOYEES	3	3.2	21.4	2.4	5.0	14.0	34.0	14.7	47.9	1.1	12.2
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3255-- CLAY REFRACTORIES											
ESTABLISHMENTS, TOTAL	145	12.6	84.3	10.1	19.2	59.2	151.4	97.4	246.1	17.9	65.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	17	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	.1	.1
5 TO 9 EMPLOYEES	11	.1	.4	.1	.1	.3	.6	.6	1.4	(Z)	.2
10 TO 19 EMPLOYEES	10	.2	.9	.1	.2	.5	2.4	2.1	4.4	.1	.5
20 TO 49 EMPLOYEES	37	1.3	7.2	1.1	2.0	5.6	16.1	11.4	27.6	.8	5.7
50 TO 99 EMPLOYEES	37	2.6	16.6	2.1	4.0	12.5	30.0	20.4	50.6	3.8	10.0
100 TO 249 EMPLOYEES	25	5.5	35.6	4.6	8.6	28.0	68.1	40.3	107.0	8.3	29.8
250 TO 499 EMPLOYEES	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	2	3.0	23.4	2.1	4.1	12.1	34.1	22.6	54.7	4.7	19.3
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3259-- STRUCTURAL CLAY PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL	144	9.7	55.2	8.1	16.5	42.9	103.4	48.7	152.9	9.7	29.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	26	(Z)	.2	(Z)	.1	.2	.4	.2	.7	3.2	.1
5 TO 9 EMPLOYEES[e]	9	.1	.4	.1	.1	.3	.8	.4	1.1	(D)	.1
10 TO 19 EMPLOYEES	14	.2	1.2	.2	.4	.9	2.2	1.5	3.8	(D)	.5
20 TO 49 EMPLOYEES	34	1.1	6.3	.9	1.9	4.8	11.5	5.4	17.2	.8	2.1
50 TO 99 EMPLOYEES	28	2.1	12.4	1.7	3.8	9.2	26.1	11.4	38.0	1.9	6.7
100 TO 249 EMPLOYEES	28	4.4	25.3	3.7	7.5	19.8	44.2	21.2	64.9	2.6	14.2
250 TO 499 EMPLOYEES	4	1.7	9.4	1.4	2.8	7.6	18.1	8.6	27.2	1.3	6.1
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	27	.1	.3	.1	.1	.3	.6	.3	.9	.1	.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3241	Cement, hydraulic.....1967..	1,246.5	1,217.4	8.3	20.8	99	1,221.7	1,217.4	4.3	99
	1963..	1,176.9	1,158.3	9.7	8.9	99	1,163.0	1,158.3	4.7	99
3251	Brick and structural tile.....1967..	362.0	340.0	7.6	14.4	98	343.9	340.0	3.9	99
	1963..	325.1	303.1	6.9	15.1	98	308.1	303.1	5.0	98
3253	Ceramic wall and floor tile.....1967..	160.5	133.3	9.2	18.0	93	134.8	133.3	1.5	99
	1963..	164.7	142.7	7.4	14.5	95	143.4	142.7	.7	99
3255	Clay refractories.....1967..	246.1	216.5	19.6	10.0	92	235.3	216.5	18.8	92
	1963..	192.2	168.1	16.4	7.7	91	180.7	168.1	12.5	93
3259	Structural clay products, n.e.c.....1967..	152.9	131.8	13.2	7.9	91	137.1	131.8	5.3	96
	1963..	159.7	134.6	17.2	8.0	89	141.4	134.6	6.8	95

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of product, industry, and miscellaneous receipts	All industries	Cement, hydraulic (SIC 3241)	Other industries
	Total shipments and miscellaneous receipts	(X)	1,246.5	(X)
3241-	Cement, hydraulic	1,221.7	1,217.4	4.3
	Other product shipments by 4-digit product group			
1422-	Crushed and broken limestone	(X)	3.2	(X)
	Other secondary products	(X)	5.1	(X)
	Miscellaneous receipts	(X)	20.8	(X)
93000	Commission receipts	(X)	-	(X)
99989	Resales	(X)	19.1	(X)
99980	Other miscellaneous receipts	(X)	1.7	(X)
	Listing of the other industries with over $2 million shipments of the primary products			
3241-	2812 Alkalies and chlorine	(X)	(X)	(over 2)
		All industries	Brick and structural clay tile (SIC 3251)	Other industries
	Total shipments and miscellaneous receipts	(X)	362.0	(X)
3251-	Brick and structural clay tile	343.9	340.0	3.9
32511	Brick, except ceramic glazed and refractory	298.1	296.0	2.1
32512	Glazed brick and structural hollow tile	29.3	28.0	1.3
32510	Brick and structural clay tile, n.s.k.	16.5	16.0	.5
	Other product shipments by 4-digit product group			
3259-	Structural clay products, n.e.c.	(X)	3.8	(X)
	Other secondary products	(X)	3.8	(X)
	Miscellaneous receipts	(X)	14.4	(X)
93000	Commission receipts	(X)	.4	(X)
99989	Resales	(X)	12.8	(X)
99980	Other miscellaneous receipts	(X)	1.2	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product code	Class of product, industry, and miscellaneous receipts	All industries	Ceramic wall and floor tile (SIC 3253)	Other industries
	Total shipments and miscellaneous receipts	(X)	160.5	(X)
3253-	Ceramic wall and floor tile	134.8	133.3	1.5
	Other product shipments by 4-digit product group			
3263-	Fine earthenware food utensils	(X)	(over 2)	(X)
	Other secondary products	(X)	(2-5)	(X)
	Miscellaneous receipts	(X)	18.0	(X)
93000	Commission receipts	(X)	.5	(X)
99989	Resales	(X)	17.4	(X)
99980	Other miscellaneous receipts	(X)	.1	(X)
		All industries	Clay refractories (SIC 3255)	Other industries
	Total shipments and miscellaneous receipts	(X)	246.1	(X)
3255-	Clay refractories	235.3	216.5	18.8
	Other product shipments by 4-digit product group			
3296-	Mineral wool	(X)	(over 2)	(X)
3297-	Nonclay refractories	(X)	(10-20)	(X)
	Other secondary products	(X)	2.0	(X)
	Miscellaneous receipts	(X)	10.0	(X)
93000	Commission receipts	(X)	.1	(X)
99989	Resales	(X)	8.7	(X)
99980	Other miscellaneous receipts	(X)	1.2	(X)
	Listing of the other industries with over $2 million shipments of the primary products			
3255-	3297 Nonclay refractories	(X)	(X)	14.1
		All industries	Structural clay products, n.e.c. (SIC 3259)	Other industries
	Total shipments and miscellaneous receipts	(X)	152.9	(X)
3259-	Structural clay products, n.e.c.	137.1	131.8	5.3
32591	Vitrified clay sewer pipe and fittings	93.0	90.5	2.5
32592	Other structural clay products, n.e.c.	39.7	36.9	2.8
32590	Structural clay products, n.s.k.	4.4	4.4	-
	Other product shipments by 4-digit product group			
3079-	Miscellaneous plastics products	(X)	(5-10)	(X)
	Other secondary products	(X)	(2-5)	(X)
	Miscellaneous receipts	(X)	7.9	(X)
93000	Commission receipts	(X)	.8	(X)
99989	Resales	(X)	6.8	(X)
99980	Other miscellaneous receipts	(X)	.3	(X)
	Listing of the other industries with over $2 million shipments of the primary products			
3259	3251 Brick and structural clay tile	(X)	(X)	3.8

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
3241- --	CEMENT, HYDRAULIC, TOTAL	.....	(X)	(X)	1,221.7	(X)	(X)	1,163.0
32410 11	Portland cement	Million bbls. of 376 lbs..	365.6	361.9	1,151.9	333.4	336.0	1,093.2
32410 31	Prepared or mixed hydraulic and masonry cements other than special portlands	Million bbls. of 280 lbs..	24.7	20.8	66.4	(S)	(S)	66.6
32410 51	Natural, masonry - natural, pozzolan (slag, lime), and hydraulic lime cements	Million bbls. of 376 lbs..	(D)	(D)	(D)	0.7	0.7	2.4
32410 00	Cement, hydraulic, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	(X)	(D)	(X)	(X)	0.8
32410 02	Cement, hydraulic, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	(X)	0.4	(X)	(X)	(X)
3251- --	BRICK AND STRUCTURAL CLAY TILE, TOTAL	.....	(X)	(X)	343.9	(X)	(X)	308.1
32511 --	Brick, except ceramic glazed and refractory brick, total	Million bricks.....	(X)	(X)	298.1	(X)	(X)	263.6
32511 11	Building or common, and face (2-1/4" x 3-5/8" x 7-5/8" equivalent)	...do.....	7,536.2	7,394.9	294.9	7,117.5	7,003.3	256.6
32511 19	Other brick (paving, floor, and sewer) 2-1/4" x 3-5/8" x 7-5/8" equivalent	...do.....	24.1	21.0	1.5	75.2	72.4	3.0
32511 00	Brick, except ceramic glazed and refractory brick, n.s.k	.....	(X)	(X)	1.7	(X)	(X)	3.9
32512 --	Glazed brick and structural hollow tile, total	.....	(X)	(X)	29.3	(X)	(X)	35.9
32512 11	Structural clay tile, except facing, including load-bearing and nonload-bearing tile, silo tile, corncrib tile, structural floor tile, etc...	1,000 short tons.....	240.3	240.6	6.2	324.3	319.7	5.2
	Facing tile (structural) and ceramic glazed brick:							
32512 31	Ceramic glazed facing tile and ceramic glazed brick (2-1/4" x 3-5/8" x 7-5/8" equivalent)	Million bricks.....	248.0	231.5	21.6	378.4	358.1	29.0
32512 51	Unglazed and salt glazed facing tile (8" x 5" x 12" equivalent)	Million tiles	4.3	4.2	0.8	7.8	7.6	1.5
32512 00	Glazed brick and structural hollow tile, n.s.k.	.....	(X)	(X)	0.7	(X)	(X)	(Z)
32510 00	Brick and structural clay tile, n.s.k. (For companies with 10 or more employees. See Note)	.....	(X)	(X)	13.6	(X)	(X)	8.7
32510 02	Brick and structural clay tile, n.s.k. (For companies with less than 10 employees. See Note)	.....	(X)	(X)	2.9	(X)	(X)	(X)
3253- --	CERAMIC WALL AND FLOOR TILE, TOTAL	.....	(X)	(X)	134.8	(X)	(X)	143.4
32530 71	Quarry tile and promenade tile	Million sq.ft.	35.0	34.9	14.7	25.2	23.8	9.6
	Ceramic mosaic tile and accessories (tiles having a facial area of less than 6 square inches):							
32530 13	Glazed	...do.....	7.8	6.0	3.4	4.3	4.1	2.9
32530 53	Unglazed	...do.....	30.0	29.9	15.7	35.6	35.4	18.7
32530 15	Other glazed floor and wall tile and accessories	...do.....	194.2	188.9	95.7	221.3	214.6	110.8
32530 55	Other unglazed floor and wall tile and accessories	.....	-	-	-	(X)	(X)	
32530 00	Ceramic wall and floor tile, n.s.k. (Represents principally establishments of companies with 10 employees or more in 1967. See Note.)	.....	(X)	(X)	5.1	(X)	(X)	1.4
32530 02	Ceramic wall and floor tile, n.s.k. (Represents principally establishments of companies with fewer than 10 employees in 1967. See Note.)	.....	(X)	(X)	0.2	(X)	(X)	

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3255 --	CLAY REFRACTORIES, TOTAL:[1]					
32550 00	As reported in the 1967 Census of Manufactures	.....	(X)	235.3	(X)	180.7
	As reported on Census quarterly Form M32C	.....	(X)	225.1	(X)	176.3
32550 45	Glass-house pots, tank blocks, feeder parts, and upper structural shapes used only for glass tanks[2] [3]	1,000 short tons	277.0	53.4	[2]13.5	4.4
32550 11	Fire clay brick and shapes, except superduty	Million 9" equiv.			286.5	44.2
32550 15	Superduty fire clay brick and shapes	...do	78.5	24.3	67.5	19.2
32550 21	High alumina brick and shapes (50% Al_2O_3 and over) made substantially of calcined diaspore or bauxite[3] [4]	...do	49.7	26.9	32.6	15.4
	Insulating firebrick and shapes:[5]					
32550 26	1,600°F to 2,000°F (but not including 2,000°F)	Million 9" equiv.	3.4	0.7	5.7	1.2
32550 27	2,000°F to 2,300°F (but not including 2,300°F)	...do	14.8	3.1	12.0	2.3
32550 23	2,300°F to 2,800°F (but not including 2,800°F)	...do	32.9	9.9	26.5	7.8
32550 24	2,800°F and higher	...do	8.2	3.8		
32550 31	Ladle brick	...do	187.2	23.8	185.0	20.7
32550 41	Sleeves, nozzles, runnerbrick and tuyeres	...do	45.0	12.2	42.5	9.4
32550 47	Hot top refractories	1,000 short tons	47.3	4.0	61.6	4.4
32550 49	Clay kiln furniture, radiant heater elements, potters' supplies, and other miscellaneous shaped refractory items	...do	(S)	7.8	(NA)	7.2
32550 53	Refractory bonding mortars, air-setting (wet and dry types)[6]	...do	62.8	8.6	53.5	6.5
32550 57	Refractory bonding mortars, except air-setting types	...do	14.7	1.7	9.5	1.0
32550 61	Plastic refractories and ramming mixes[3] [7]	...do	190.1	17.0	165.7	13.6
	Castable refractories (hydraulic setting):					
32550 65	Clay[3]	...do	161.8	16.5	121.0	12.1
32550 69	Insulating	...do	39.2	5.2	18.3	2.3
32550 94	Other clay refractory materials sold in lump or ground form[8] [9]	...do	225.3	6.2	204.3	4.6

Product code	Product	1967			1963		
		Production for all purposes (1,000 short tons)	Total shipments, including interplant transfers: Quantity (1,000 short tons)	Total shipments, including interplant transfers: Value (million dollars)	Production for all purposes (1,000 short tons)	Total shipments, including interplant transfers: Quantity (1,000 short tons)	Total shipments, including interplant transfers: Value (million dollars)
3259- --	STRUCTURAL CLAY PRODUCTS, N.E.C., TOTAL	(X)	(X)	137.1	(X)	(X)	141.4
32591 11	Vitrified clay sewer pipe and fittings	1,487.6	1,490.4	93.0	1,827.3	1,726.6	98.2
32592---	Other structural clay products, n.e.c., total	(X)	(X)	39.7	(X)	(X)	39.9
32592 11	Drain tile	789.0	778.5	20.5	859.8	822.2	19.7
32592 51	Flue lining	171.1	166.3	6.9	182.7	176.7	7.6
32592 98	Other structural clay products (such as terra cotta (architectural), roofing tile, conduit, chimney pipe, tops and thimbles, wall coping, adobe brick, etc.)	(X)	(X)	11.8	(X)	(X)	11.8
32592 00	Other structural clay products, n.e.c	(X)	(X)	0.5	(X)	(X)	0.7
32590 00	Structural clay products, n.e.c. (For companies with 10 or more employees. See note)	(X)	(X)	3.5	(X)	(X)	
32590 02	Structural clay products, n.e.c. (For companies with less than 10 employees. See note)	(X)	(X)	0.9	(X)	(X)	[illegible]

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Footnotes continued on next page.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Footnotes for Table 6A--32B

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency reveiw. (Z) Under 50 thousand (or under 50 employees).

[1]Does not include shipments of ground crude fire clay, high alumina clay, and silica fire clay for direct use as finished refractory products, but not classified as refractories under the Standard Industrial Classification System.

[2]Data for, "Glass-house pots, tank blocks, feeder parts, and upper structure shapes used only for glass tanks" (3255045) is combined with data for "Fireclay (including semisilica) brick and shapes, except superduty" (3255011) in order to avoid disclosing individual company data. For 1963, quantity of shipments was shown in short tons.

[3]Excludes data for mullite and extra high alumina refractories. These products are included with mullite and extra high-alumina brick and shapes in the nonclay refractories section.

[4]"Calcined" as applied to diaspore and bauxite implies heat treatment short of fusion for volume stability prior to use in a refractory product. In the process, volatile materials are driven off and chemical changes take place.

[5]The subdivisions are in accordance with the ASTM Classification C1 55, the respective groups being 16, 20, 23, and 28 and higher.

[6]Includes bonding mortars which contain up to 60% Al_2O_3, dry basis. Bonding mortars which contain more than 60% Al_2O_3 dry basis are included in the nonclay refractories section.

[7]Includes products referred to as plastic fire brick and the less plastic materials intended for ramming into place after the addition of water (when shipped in dry form). Excludes mixes made of mullite or extra high alumina. Mixes made of these products are included in the nonclay refractories section.

[8]Includes shipments for direct use as finished refractory products by establishments classified in "manufacturing" industries, and excludes shipments to refractory producers for reprocessing in the manufacture of brick and other refractories.

[9]Includes data for calcined clay, ground brick, and siliceous and other gunning mixes.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
BRICK, EXCEPT CERAMIC GLAZED AND REFRACTORY (32511)		
United States	298.1	263.6
Northeast Region	42.8	42.0
New England Div.	6.9	6.5
New Hampshire	1.7	1.2
Massachusetts	1.8	(D)
Connecticut	BB	3.6
Middle Atlantic Div.	35.9	35.5
New York	7.0	8.4
New Jersey	4.6	4.7
Pennsylvania	24.3	22.4
North Central Region	63.0	63.5
East North Central Div.	50.0	48.6
Ohio	31.9	28.7
Indiana	CC	6.9
Illinois	11.2	12.0
Michigan	AA	(D)
West North Central Div.	13.0	14.9
Minnesota	AA	(D)
Iowa	BB	3.1
Missouri	2.6	4.3
Nebraska	1.8	1.8
Kansas	3.9	3.7
BRICK, EXCEPT CERAMIC GLAZED AND REFRACTORY (32511)--Con.		
South Region	173.2	131.0
South Atlantic Div.	88.1	69.1
Maryland	4.7	5.2
Virginia	13.0	10.5
West Virginia	BB	2.5
North Carolina	32.6	22.9
South Carolina	14.1	10.6
Georgia	19.5	15.0
East South Central Div.	42.6	32.5
Kentucky	BB	(1)
Tennessee	EE	(1)
Alabama	14.2	9.9
Mississippi	10.7	8.3
West South Central Div.	42.5	29.4
Arkansas	7.9	5.1
Louisiana	2.6	2.3
Oklahoma	3.8	2.5
Texas	28.2	19.5
West Region	19.2	27.0
Mountain Div.	10.1	12.3
Colorado	5.2	6.4
Utah	BB	(1)
Pacific Div.	9.1	14.7
Washington	AA	2.7
California	6.5	10.7

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
32410	Cement, hydraulic (including cost of shipping containers)	1,221.7	1,245.2	1,240.5	1,190.8	1,163.0	1,062.8	807.3	406.9
3251-	Brick and structural clay tile	343.9	367.6	362.4	347.4	308.1	268.9	242.9	142.1
32511	Brick, except ceramic glazed and refractory	298.1	324.5	321.7	303.1	263.6	212.7	196.1	113.9
32512	Glazed brick and structural hollow tile	29.3	37.4	37.7	35.4	35.9	43.2	42.5	28.3
32510	Brick and structural clay tile, n.s.k.	16.5	(5.7)	(2.9)	8.9	8.7	12.9	4.3	-
32530	Clay floor and wall tile, including quarry tile	134.8	138.9	148.5	152.1	143.4	124.2	92.8	43.7
32550	Clay refractories	235.3	247.5	226.5	206.4	180.7	158.2	129.1	107.6
3259-	Structural clay products, n.e.c.	137.1	133.4	139.8	150.2	141.4	132.3	110.6	75.1
32591	Vitrified clay sewer pipe and fittings	93.0	95.1	104.7	111.6	98.2	86.9	70.9	43.0
32592	Other structural clay products, n.e.c.	39.7	(38.4)	(35.1)	38.7	39.9	45.4	39.8	32.2
32590	Structural clay products, n.e.c., n.s.k.	4.4	(X)	(X)	(X)	3.3	(X)	(X)	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]The figures for 1964-1966 represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would be obtained from a complete canvass of all manufacturing establishments. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3241.--CEMENT, HYDRAULIC				
	Materials, containers, and supplies, total	(X)	227.7	(X)	195.8
264338	Paper shipping sacks and multiwall bags	(S)	16.8	376.0	18.1
320591	Refractories, clay and nonclay	75.8	11.0	(S)	7.1
142011	Crushed and broken stone, including cement rock, limestone, etc.	(S)	42.8	(X)	167.6
970099	All other materials and components, parts, containers, and supplies consumed	(X)	145.7		
976000	Materials, containers, and supplies, n.s.k.	(X)	11.4	(X)	3.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Cement hydraulic (SIC 3241)	Brick and structural tile (SIC 3251)	Ceramic wall and floor tile (SIC 3253)	Clay refractories (SIC 3255)	Structural clay products, n.e.c. (SIC 3259)
	Cost of purchased fuels and electric energy, total..	Million dollars.	190.5	44.7	4.9	16.9	14.5
	Cost of purchased fuels, total.....	. .do..... ...	124.6	35.2	3.3	13.4	11.9
121005	Coal (anthracite, bituminous, and lignite):						
	Quantity.....	1,000 short tons.	8,554.0	439.4	-	30.4	143.3
	Cost.....	Million dollars..	61.3	2.9	-	0.2	1.0
	Fuel oil, total:						
	Quantity.....	1,000 barrels....	2,611.0	694.4	88.7	72.7	121.1
	Cost.....	Million dollars..	7.3	2.5	0.3	0.4	0.4
291141	Distillate:						
	Quantity.....	1,000 barrels....	674.2	447.9	(D)	(D)	(D)
	Cost.....	Million dollars..	2.5	1.8	(D)	(D)	(D)
291151	Residual:						
	Quantity.....	1,000 barrels....	1,936.8	246.5	(D)	(D)	(D)
	Cost.....	Million dollars..	4.8	0.7	(D)	(D)	(D)
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):						
	Quantity.....	Million cu. ft...	182,987.1	65,185.9	6,114.1	23,231.9	22,067.5
	Cost.....	Million dollars..	51.3	25.1	2.9	11.2	9.6
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.4	0.8	0.1	0.1	0.3
975000 976000	Fuels, n.s.k.....	...do.....	4.3	3.9	-	1.5	0.6
	Purchased electric energy:						
960012	Quantity.....	Million kw.-hrs..	7,495.2	2,700.1	128.3	271.6	182.8
	Cost.....	Million dollars..	65.9	9.5	1.6	3.5	2.6
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	923.0	0.8	0.8	1.4	0.4
	Total energy used for heat and power[1].....	Million kw.-hrs.. equivalent.....	137,521.1	30,051.9	2,175.4	9,017.0	8,713.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments	All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new
			Number	Payroll	Number	Man-hours	Wages				
		(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
3241	CEMENT, HYDRAULIC										
	ENTIRE INDUSTRY	196	32.4	244.7	26.1	52.2	182.8	807.8	433.4	1 235.8	105.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	193	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3251	BRICK AND STRUCTURAL CLAY TILE										
	ENTIRE INDUSTRY	482	27.5	143.8	23.3	47.9	109.8	251.1	114.8	362.0	27.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	467	26.4	137.7	22.4	46.2	105.6	242.6	109.6	348.2	(D)
32511	BRICK, EXCEPT CERAMIC GLAZED AND REFRACTORY (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	350	24.3	126.7	20.6	42.4	96.3	224.1	100.5	321.0	18.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	321	21.4	111.7	18.2	37.5	85.3	202.0	90.1	288.5	15.2
32512	GLAZED BRICK AND STRUCTURAL HOLLOW TILE (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	20	1.9	10.7	1.6	3.2	8.5	15.9	8.7	24.6	1.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	16	1.5	8.4	1.3	2.6	6.7	12.1	6.6	18.7	1.1
3253	CERAMIC WALL AND FLOOR TILE										
	ENTIRE INDUSTRY	80	10.6	60.6	8.5	17.6	41.8	105.9	54.9	160.5	4.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	77	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3255	CLAY REFRACTORIES										
	ENTIRE INDUSTRY	145	12.6	84.3	10.1	19.2	59.2	151.4	97.4	246.1	17.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	135	10.8	73.1	8.7	16.4	51.9	125.7	82.0	206.5	15.2
3259	STRUCTURAL CLAY PRODUCTS, NEC										
	ENTIRE INDUSTRY	144	9.7	55.2	8.1	16.5	42.9	103.4	48.7	152.9	9.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	125	7.7	43.5	6.5	13.3	34.1	81.0	38.6	119.3	5.9
32591	VITRIFIED CLAY SEWER PIPE AND FITTINGS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	49	7.0	39.2	5.8	11.7	30.6	74.0	36.9	111.9	4.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	36	5.0	27.8	4.2	8.4	22.1	51.1	26.7	77.8	3.1
32592	OTHER STRUCTURAL CLAY PRODUCTS, NEC (PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	56	2.2	13.6	1.8	4.0	10.3	25.7	10.5	36.0	2.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	50	2.0	12.2	1.7	3.6	9.2	23.3	9.2	32.3	2.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

POTTERY AND RELATED PRODUCTS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3261--Vitreous China Plumbing Fixtures and Earthenware Fittings and Bathroom Accessories
3262--Vitreous China Table and Kitchen Articles
3263--Fine Earthenware (Whiteware) Table and Kitchen Articles
3264--Porcelain Electrical Supplies
3269--Pottery Products, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3261--VITREOUS CHINA PLUMBING FIXTURES AND EARTHENWARE FITTINGS AND BATHROOM ACCESSORIES

This industry comprises establishments primarily engaged in the manufacture of china plumbing fixtures and china and earthenware fittings and bathroom accessories. For a detailed list of products of industry 3261, refer to table 6A, product codes 32610 10 to 32610 51.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Vitreous Plumbing Fixtures Industry in 1967 totaled $170.0 million. This included shipments of vitreous plumbing fixtures (primary products), valued at $142.2 million, shipments of other products (secondary products) valued at $7.6 million, and miscellaneous receipts (mainly resales) of $20.2 million.

This industry's shipments of vitreous plumbing fixtures (primary products) in 1967 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 97 percent. Secondary products shipped by this industry in 1967 consisted mainly of plumbing fittings and brass goods.

Industry 3261 shipments of vitreous plumbing fixtures (primary products) in 1967 represented 96 percent (coverage ratio) of these products valued at $148.9 million shipped by all industries. In 1963, the coverage ratio was 97 percent. Another industry shipping vitreous plumbing fixtures (primary products) was industry 3431, Metal Sanitary Ware.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3261, these establishments accounted for 0.18 percent of payroll and 0.27 percent of value added by manufacture.

3262--VITREOUS CHINA TABLE AND KITCHEN ARTICLES

This industry comprises establishments primarily engaged in manufacturing vitreous china table and kitchen articles for use in households and in hotels, restaurants, and other commercial institutions for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware (whiteware) table and kitchen articles are classified in industry 3263. For a detailed list of products of industry 3262, refer to table 6A, product codes 32620 14 to 32620 52.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Vitreous China Food Utensils Industry in 1967 totaled $67.2 million. This included shipments of vitreous china food utensils (primary products), valued at $62.0 million, shipments of other products (secondary products) and miscellaneous receipts (mainly resales) of $5.2 million.

This industry's shipments of vitreous china food utensils (primary products) in 1967 and 1963 represented a minimum of 90 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1967 consisted mainly of pottery products, n.e.c.

Industry 3262 shipments of vitreous china food utensils (primary products) in 1967 represented 89 percent (coverage ratio) of these products valued at $69.6 million shipped by all industries. In 1963, the coverage ratio was 91 percent. Another industry shipping vitreous china food utensils (primary products) was industry 3263, Fine Earthenware Food Utensils.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3262, these establishments accounted for 0.0 percent of payroll and 0.18 percent of value added by manufacture.

3263--FINE EARTHENWARE (WHITEWARE) TABLE AND KITCHEN ARTICLES

This industry comprises establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware table and kitchen articles for preparing, serving, or storing food and drink. Establishments primarily engaged in manufacturing vitreous china table and kitchen articles are classified in industry 3262. For a detailed list of products of industry 3263, refer to table 6A, product codes 32630 12 and 32630 52.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Fine Earthenware Food Utensils Industry in 1967 totaled $47.1 million. This included shipments of fine earthenware food utensils (primary products), valued at $40.0 million, shipments of other products (secondary products) valued at $6.8 million, and miscellaneous receipts (resales) of $0.3 million.

This industry's shipments of fine earthenware food utensils (primary products) in 1967 represented 86 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 92 percent. Secondary products shipped by this industry in 1967 consisted mainly of vitreous china food utensils.

Industry 3263 shipments of fine earthenware food utensils (primary products) in 1967 represented 86 percent (coverage ratio) of these products valued at $46.7 million shipped by all industries. In 1963, the coverage ratio was 91 percent. Another industry shipping fine earthenware food utensils (primary products) was industry 3253, Ceramic Wall and Floor Tile.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3263, these establishments accounted for 0.00 percent of payroll and value added by manufacture.

3264--PORCELAIN ELECTRICAL SUPPLIES

This industry comprises establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, spark plug and steatitic porcelain, and other electrical supplies from clay and other ceramic materials. For a detailed list of products of industry 3264, refer to table 6A, product codes 32640 12 to 32640 98.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Porcelain Electrical Supplies Industry in 1967 totaled $225.0 million. This included shipments of porcelain electrical supplies (primary products), valued at $185.7 million, shipments of other products (secondary products) valued at $34.1 million, and miscellaneous receipts (mainly resales) of $5.2 million.

This industry's shipments of porcelain electrical supplies (primary products) in 1967 represented 85 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 91 percent. Secondary products shipped by this industry in 1967 consisted mainly of current carrying wiring devices, metal cans, and pottery products, n.e.c.

Industry 3264 shipments of porcelain electrical supplies (primary products) in 1967 represented 98 percent (coverage ratio) of these products valued at $188.6 million shipped by all industries. In 1963, the coverage ratio was 95 percent.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3264, these establishments accounted for 0.11 percent of payroll and 0.07 percent of value added by manufacture.

3269--POTTERY PRODUCTS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in firing and decorating white china and earthenware for the trade and manufacturing art and ornamental pottery, industrial and laboratory pottery, stoneware and coarse earthenware table and kitchen

articles, unglazed red earthenware florists' articles, and other pottery products, not elsewhere classified. For a detailed list of products of industry 3269, refer to table 6A, product codes 32690 11 to 32690 91.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Pottery Products, N.E.C., Industry in 1967 totaled $96.1 million. This included shipments of pottery products, n.e.c. (primary products), valued at $83.2 million, shipments of other products (secondary products) valued at $2.7 million, and miscellaneous receipts (mainly resales) of $10.3 million.

This industry's shipments of pottery products, n.e.c. (primary products) in 1967 represented 97 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 87 percent.

Industry 3269 shipments of pottery products, n.e.c. (primary products) in 1967 represented 87 percent (coverage ratio) of these products valued at $96.0 million shipped by all industries. In 1963, the coverage ratio was 89 percent. Other industries shipping pottery products, n.e.c. (primary products) consisted mainly of industry 3264, Porcelain Electrical Supplies, $6.0 million; industry 3262, Vitreous China Food Utensils ($2-$5 million).

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3269, these establishments accounted for 5.41 percent of payroll and 7.26 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3261.—VITREOUS PLUMBING FIXTURES														
1967 Census	51	40	8.4	56.5	7.0	13.8	45.7	111.4	58.5	170.0	2.6	26.6	95	96
1966 ASM[1]	(NA)	(NA)	9.2	60.0	7.6	15.2	48.2	117.8	61.6	180.7	5.2	26.6	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	9.0	56.0	7.5	14.6	45.2	112.0	61.1	173.6	3.0	27.1	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	9.1	57.3	7.6	15.2	46.7	110.1	56.9	166.1	3.1	28.1	(NA)	(NA)
1963 Census	49	43	9.3	56.8	7.9	25.5	46.6	101.5	55.7	155.7	2.4	26.8	97	97
1962 ASM[1]	(NA)	(NA)	8.8	51.5	7.4	14.3	41.0	88.1	52.8	141.5	1.6	25.1	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	8.9	49.3	7.5	14.1	39.3	85.8	49.8	135.4	3.2	27.9	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	10.3	56.0	8.7	17.0	45.0	100.6	57.0	153.7	3.2	28.9	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	10.9	58.8	9.4	18.6	48.2	112.8	64.9	175.5	1.8	26.8	(NA)	(NA)
1958 Census[2]	49	43	9.7	49.6	8.1	15.6	39.6	87.3	52.8	142.7	1.6	24.5	97	97
INDUSTRY 3262.—VITREOUS CHINA FOOD UTENSILS														
1967 Census	39	28	7.0	36.1	6.0	11.2	27.3	55.8	12.7	67.2	1.9	15.2	[3]90	89
1966 ASM[1]	(NA)	(NA)	6.6	33.5	5.6	10.5	24.9	50.1	10.4	60.0	1.3	13.3	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	6.5	32.4	5.5	10.5	24.2	47.9	9.8	57.2	3.0	12.7	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	6.4	31.4	5.3	10.1	23.0	45.2	9.8	54.7	0.6	12.3	(NA)	(NA)
1963 Census	31	21	6.3	29.6	5.3	9.8	21.8	42.5	8.9	51.0	0.7	11.9	[3]90	[3]90
1962 ASM[1]	(NA)	(NA)	6.7	29.6	5.5	10.6	21.6	43.8	9.2	52.2	1.1	11.5	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	6.5	27.9	5.4	10.1	20.2	40.2	8.6	49.2	0.6	10.7	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	7.1	30.0	5.9	10.9	21.6	42.6	9.0	51.5	0.8	11.2	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	7.2	30.4	6.1	11.6	22.6	42.7	8.9	51.8	1.1	11.6	(NA)	(NA)
1958 Census[2]	28	23	7.2	28.6	6.0	10.9	20.5	39.3	8.1	47.7	0.9	11.7	96	96
INDUSTRY 3263.--FINE EARTHENWARE FOOD UTENSILS														
1967 Census	21	17	5.9	27.5	5.3	9.8	22.6	34.6	12.4	47.1	1.0	10.1	86	86
1966 ASM[1]	(NA)	(NA)	6.3	27.4	5.6	10.2	22.2	34.1	13.7	47.6	1.0	10.5	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	6.4	28.2	5.8	10.7	22.9	37.2	14.5	52.3	0.9	10.5	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	7.5	32.3	6.7	12.5	26.8	44.5	19.0	62.2	1.1	11.1	(NA)	(NA)
1963 Census	21	18	7.3	31.6	6.6	12.3	26.4	41.0	17.9	59.0	0.8	9.7	92	91
1962 ASM[1]	(NA)	(NA)	*6.7	*27.1	*6.0	*10.7	*22.2	*34.2	*14.2	*48.4	*0.7	*6.7	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	*6.9	*25.9	*6.2	*10.8	*21.1	*32.8	*13.0	*46.4	*0.7	*6.4	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	*8.8	*33.6	*7.9	*13.8	*27.9	*41.7	*16.1	*58.3	*0.7	*9.1	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	*9.3	*33.5	*8.5	*14.3	*28.2	*41.9	*15.5	*58.2	*0.5	*9.5	(NA)	(NA)
1958 Census[2]	30	24	8.7	28.7	8.0	12.6	24.8	36.3	13.2	50.2	0.6	10.8	98	91
INDUSTRY 3264.--PORCELAIN ELECTRICAL SUPPLIES														
1967 Census	74	50	13.4	89.9	11.0	22.2	67.5	153.5	76.0	225.0	21.4	35.6	85	98
1966 ASM[1]	(NA)	(NA)	12.1	76.0	10.0	20.3	57.7	139.1	60.7	197.1	11.4	26.7	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	10.7	66.0	8.8	18.0	49.5	114.0	53.6	165.9	7.7	22.0	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	9.9	59.4	8.0	16.3	43.2	94.6	43.6	139.0	7.6	19.1	(NA)	(NA)
1963 Census	79	49	10.2	57.4	8.0	15.9	41.1	90.0	41.8	131.8	4.1	19.6	91	95
1962 ASM[1]	(NA)	(NA)	10.1	53.8	8.0	15.6	38.8	83.9	40.5	122.8	4.7	19.0	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	9.7	50.6	7.7	15.1	36.4	77.4	37.5	115.3	5.2	17.2	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	9.4	47.2	7.6	15.2	35.4	75.9	35.9	111.4	4.1	16.3	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	9.6	46.5	8.0	16.1	35.1	76.7	34.8	109.9	3.5	15.7	(NA)	(NA)
1958 Census[2]	59	44	9.1	42.4	7.5	14.7	31.3	66.1	31.0	97.5	4.4	13.9	92	93
INDUSTRY 3269.--POTTERY PRODUCTS, N.E.C.														
1967 Census	434	96	7.9	37.0	6.7	13.1	27.0	63.4	33.7	96.1	3.0	10.7	97	87
1966 ASM[1]	(NA)	(NA)	9.2	41.6	7.8	16.1	30.9	73.3	38.6	110.3	*7.9	12.7	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	9.1	38.8	7.7	15.8	28.8	65.2	34.6	99.0	2.6	11.7	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	8.9	39.8	7.2	15.3	28.9	67.4	35.1	101.1	*2.5	11.3	(NA)	(NA)
1963 Census	458	98	9.1	37.5	7.5	14.9	27.8	62.1	34.1	95.5	3.1	9.9	87	89
1962 ASM[1]	(NA)	(NA)	9.8	38.0	8.4	15.3	28.5	59.8	34.8	96.2	1.3	9.7	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	9.0	33.8	7.7	14.7	25.6	55.8	31.7	89.6	3.3	9.0	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	9.7	35.0	8.3	16.0	26.7	57.3	29.8	88.8	2.8	10.0	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	10.4	34.8	8.7	16.6	26.6	57.7	31.1	87.3	2.4	9.3	(NA)	(NA)
1958 Census[2]	587	108	9.2	31.2	7.7	15.2	23.8	54.0	25.2	78.8	3.3	8.4	93	90

Note: In 1967, 1963, and 1958, the number of companies in industry 3261 was 34, 34, and 35, respectively; in industry 3262: 35, 26, and 26; industry 3263: 20, 20, and 29; industry 3264: 65, 74, and 57; industry 3269: 424, 449, and 580. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (*) These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

[3]This is a minimum percentage. The exact percentage is withheld to avoid disclosing figures for individual companies.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production workers as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3261.--VITREOUS PLUMBING FIXTURES								
1967 Census	6,743	84	1,973	3.31	.34	.68	13,288	51	8.06
1966 ASM	6,548	83	1,990	3.17	.34	.67	12,856	51	7.76
1965 ASM	6,258	84	1,944	3.09	.35	.67	12,506	50	7.65
1964 ASM	6,327	84	1,987	3.08	.34	.69	12,159	56	7.26
1963 Census	6,120	85	1,966	3.00	.36	.72	10,938	56	6,54
1962 ASM	5,848	83	1,946	2.86	.37	.74	9,593	57	6.07
1961 ASM	5,516	83	1,895	2.78	.37	.73	9,593	57	6.07
1960 ASM	5,438	85	1,943	2.65	.37	.74	9,761	56	5.92
1959 ASM	5,387	86	1,979	2.60	.37	.70	10,329	52	6.08
1958 Census	5,122	84	1,928	2.53	.37	.72	9,021	57	5.58
	INDUSTRY 3262.--VITREOUS CHINA FOOD UTENSILS								
1967 Census	5,141	85	1,877	2.45	.19	.73	7,956	65	4.99
1966 ASM	5,105	85	1,891	2.37	.17	.73	7,627	67	4.77
1965 ASM	4,985	85	1,895	2.31	.17	.74	7,363	68	4.57
1964 ASM	4,899	83	1,887	2.29	.18	.75	7,064	69	4.49
1963 Census	4,680	84	1,856	2.22	.18	.76	6,732	70	4.33
1962 ASM	4,428	82	1,924	2.03	.18	.74	6,544	68	4.13
1961 ASM	4,285	83	1,867	2.00	.17	.74	6,179	69	3.99
1960 ASM	4,259	83	1,864	1.98	.18	.76	6,039	71	3.89
1959 ASM	4,207	85	1,906	1.95	.17	.76	5,920	71	3.67
1958 Census	3,942	83	1,824	1.87	.17	.77	5,420	73	3.59
	INDUSTRY 3263.--FINE EARTHENWARE FOOD UTENSILS								
1967 Census	4,627	90	1,844	2.30	.26	.85	5,829	79	3.53
1966 ASM	4,365	90	1,811	2.18	.29	.86	5,436	80	3.34
1965 ASM	4,378	89	1,858	2.15	.28	.82	5,776	76	3.48
1964 ASM	4,321	90	1,862	2.14	.31	.82	5,947	73	3.55
1963 Census	4,302	90	1,868	2.14	.30	.84	5,585	77	3.33
1962 ASM	4,034	89	1,802	2.07	.29	.85	5,093	79	3.19
1961 ASM	3,755	90	1,755	1.95	.28	.84	4,756	79	3.02
1960 ASM	3,828	90	1,747	2.02	.28	.85	4,760	80	3.03
1959 ASM	3,609	91	1,691	1.97	.27	.84	4,510	80	2.92
1958 Census	3,298	91	1,587	1.96	.26	.84	4,165	79	2.87
	INDUSTRY 3264.--PORCELAIN ELECTRICAL SUPPLIES								
1967 Census	6,688	82	2,017	3.05	.34	.74	11,418	59	6.93
1966 ASM	6,289	82	2,031	2.85	.31	.69	11,499	55	6.86
1965 ASM	6,139	82	2,043	2.75	.32	.72	10,612	58	6.34
1964 ASM	5,992	80	2,039	2.66	.31	.74	9,543	63	5.81
1963 Census	5,644	79	1,983	2.58	.32	.75	8,850	64	5.65
1962 ASM	5,306	79	1,945	2.48	.33	.77	8,276	64	5.37
1961 ASM	5,236	79	1,964	2.42	.33	.76	8,014	65	5.13
1960 ASM	5,035	81	1,994	2.33	.32	.75	8,098	62	4.98
1959 ASM	4,814	83	2,014	2.18	.32	.74	7,985	61	4.76
1958 Census	4,652	82	1,968	2.13	.32	.75	7,255	64	4.48
	INDUSTRY 3269.--POTTERY PRODUCTS, N.E.C.								
1967 Census	4,696	85	1,952	2.06	.35	.73	8,050	58	4.84
1966 ASM	4,525	84	2,072	1.92	.35	.73	7,962	57	4.56
1965 ASM	4,259	85	2,050	1.82	.35	.74	7,146	60	4.12
1964 ASM	4,454	80	2,123	1.90	.35	.74	7,552	59	4.42
1963 Census	4,129	83	1,979	1.86	.36	.75	6,836	60	4.16
1962 ASM	3,880	85	1,832	1.86	.36	.76	6,102	64	3.90
1961 ASM	3,758	85	1,927	1.74	.35	.73	6,197	61	3.78
1960 ASM	3,612	86	1,916	1.67	.34	.73	5,920	61	3.59
1959 ASM	3,345	84	1,909	1.60	.36	.76	5,549	60	3.47
1958 Census	3,375	84	1,957	1.57	.32	.72	5,843	58	3.57

Standard note: - Represents zero (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3261-- VITREOUS PLUMBING FIXTURES													
UNITED STATES	51	40	8.4	56.5	7.0	13.8	45.7	111.4	58.5	170.0	2.6	9.3	101.5
NORTHEAST REGION	19	12	2.6	17.7	2.1	4.1	14.5	36.5	17.0	53.6	(D)	3.4	37.6
NEW ENGLAND DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CONNECTICUT	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)
MIDDLE ATLANTIC DIVISION	18	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW JERSEY	10	7	1.1	8.0	.9	1.8	6.4	15.5	7.6	23.2	.2	2.0	20.2
PENNSYLVANIA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)
NORTH CENTRAL REGION	13	13	3.6	23.7	3.1	6.2	19.2	41.2	23.9	64.9	1.3	3.8	38.2
EAST NORTH CENTRAL DIVISION	13	13	3.6	23.7	3.1	6.2	19.2	41.2	23.9	64.9	1.3	3.7	37.8
OHIO	4	4	1.1	7.5	1.0	1.9	6.0	14.9	9.3	24.5	.8	2(D)	2(D)
INDIANA	5	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	7.3
ILLINOIS[e]	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	7.3
WISCONSIN	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)
SOUTH REGION	9	8	1.1	7.3	.9	1.9	5.8	17.1	8.6	25.9	.2	1.0	10.9
EAST SOUTH CENTRAL DIVISION	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	5	5	.9	5.7	.7	1.5	4.5	13.2	6.1	19.5	.2	(D)	(D)
LOUISIANA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)
TEXAS	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)
WEST REGION	10	7	1.1	7.9	.9	1.7	6.2	16.6	9.0	25.6	(D)	1.1	14.8
PACIFIC DIVISION	10	7	1.1	7.9	.9	1.7	6.2	16.6	9.0	25.6	(D)	1.1	14.8
CALIFORNIA	10	7	1.1	7.9	.9	1.7	6.2	16.6	9.0	25.6	(D)	1.1	14.8
3262-- VITREOUS CHINA FOOD UTENSILS													
UNITED STATES	39	28	7.0	36.1	6.0	11.2	27.3	55.8	12.7	67.2	1.9	6.3	42.5
NORTHEAST REGION	13	10	5.1	27.4	4.2	8.0	20.3	43.3	9.8	52.5	1.5	(D)	(D)
MIDDLE ATLANTIC DIVISION	12	10	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.7	32.9
NEW YORK	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)
NEW JERSEY	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)
PENNSYLVANIA	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8	11.3
NORTH CENTRAL REGION	11	8	1.5	6.8	1.3	2.3	5.4	9.9	2.2	11.4	.3	1.1	6.6
EAST NORTH CENTRAL DIVISION	9	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	8	6	1.3	6.0	1.2	2.1	4.9	8.9	1.9	9.8	.2	2(D)	2(D)
WEST REGION	11	7	.4	1.4	.4	.7	1.3	2.0	.5	2.5	(D)	2(D)	2(D)
PACIFIC DIVISION	10	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	8	6	.3	1.3	.3	.6	1.2	1.9	.4	2.2	(D)	2(D)	2(D)
3263-- FINE EARTHENWARE FOOD UTENSILS													
UNITED STATES	21	17	5.9	27.5	5.3	9.8	22.6	34.6	12.4	47.1	1.0	7.3	41.0
NORTHEAST REGION	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PENNSYLVANIA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)
NORTH CENTRAL REGION	6	6	2.4	10.9	2.2	3.8	9.0	12.9	5.7	18.4	.2	(D)	(D)
EAST NORTH CENTRAL DIVISION	6	6	2.4	10.9	2.2	3.8	9.0	12.9	5.7	18.4	.2	(D)	(D)
OHIO	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.7	14.2
MICHIGAN	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)
SOUTH REGION	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH ATLANTIC DIVISION	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	11.6
WEST REGION	8	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	7	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	7	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)
3264-- PORCELAIN ELECTRICAL SUPPLIES													
UNITED STATES	74	50	13.4	89.9	11.0	22.2	67.5	153.5	76.0	225.0	21.4	10.2	90.0
NORTHEAST REGION	32	26	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.8	33.7
NEW ENGLAND DIVISION	5	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CONNECTICUT	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2(D)	2(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3264-- PORCELAIN ELECTRICAL SUPPLIES													
MIDDLE ATLANTIC DIV.	27	22	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	6	5	1.8	13.3	1.5	2.9	10.1	26.6	16.8	42.8	1.4	1.3	14.6
NEW JERSEY	16	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	5	4	1.2	7.6	1.0	2.1	6.0	14.0	3.7	17.7	1.3	1.3	11.0
NORTH CENTRAL REGION	15	11	4.0	28.9	3.2	6.6	21.8	48.5	22.4	69.7	9.2	(D)	(D)
EAST NORTH CENTRAL DIV.	14	10	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.7	32.4
OHIO	8	6	1.8	12.6	1.4	2.9	9.5	28.5	15.0	42.6	1.2	1.6	18.6
ILLINOIS	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	3	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	14	10	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.5	22.7
SOUTH ATLANTIC DIV.	9	7	1.8	11.8	1.5	3.1	9.0	21.6	15.7	36.0	4.3	(D)	(D)
MARYLAND	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIV.	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	13	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MOUNTAIN DIV.	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
COLORADO	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIV.	12	2	.2	.9	.1	.3	.7	1.4	.6	1.9	(D)	.1	1.2
CALIFORNIA	11	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3269-- POTTERY PRODUCTS, NEC													
UNITED STATES	434	96	7.9	37.0	6.7	13.1	27.0	63.4	33.7	96.1	3.0	9.1	62.1
NORTHEAST REGION	95	18	1.3	6.3	1.1	2.1	4.4	12.2	4.2	16.4	.5	1.5	12.0
NEW ENGLAND DIV.	30	3	.2	.9	.2	.3	.6	1.9	.7	2.6	.1	.2	1.3
MIDDLE ATLANTIC DIV.	65	15	1.1	5.3	.9	1.8	3.7	10.3	3.6	13.8	.4	1.4	10.7
NEW YORK[e]	31	2	.2	.8	.1	.3	.5	1.6	.6	2.2	.1	.2	2.0
NEW JERSEY	18	8	.5	2.6	.4	.8	1.8	4.7	1.2	5.8	.2	.4	3.2
PENNSYLVANIA[e]	16	5	.5	1.9	.4	.7	1.4	4.0	1.8	5.8	.2	.7	5.5
NORTH CENTRAL REGION	98	38	3.6	18.3	2.9	6.0	12.8	29.6	21.6	50.5	1.1	3.4	23.9
EAST NORTH CENTRAL DIV.	82	35	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.3	22.9
OHIO	48	23	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.1	14.4
ILLINOIS	19	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	6.8
MICHIGAN	7	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	90	15	1.1	4.2	.9	1.8	3.3	6.8	3.2	10.0	.5	1.1	5.0
SOUTH ATLANTIC DIV[e]	42	2	.2	.7	.2	.3	.6	1.2	.6	1.8	.1	.3	1.7
EAST SOUTH CENTRAL DIV.	24	7	.5	2.2	.5	.9	1.7	3.5	2.0	5.5	.2	.5	2.3
KENTUCKY	11	3	.3	1.1	.3	.5	.9	1.4	.7	2.1	(D)	[2](D)	[2](D)
TENNESSEE	8	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIV.	24	6	.3	1.3	.3	.6	1.0	2.2	.6	2.8	.2	.2	1.0
TEXAS	17	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	.8
WEST REGION	151	25	1.9	8.2	1.8	3.2	6.5	14.8	4.7	19.3	.9	3.0	21.2
PACIFIC DIV.	138	24	1.9	7.9	1.7	3.1	6.4	14.2	4.6	18.7	.9	(D)	(D)
CALIFORNIA	122	22	1.8	7.5	1.6	3.0	6.1	13.3	4.3	17.5	.8	1.9	11.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e] For 1967, over 30 percent of the data for this line was estimated.

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Vitreous plumbing fixtures (SIC 3261)	Vitreous China food utensils (SIC 3262)	Fine earthenware food utensils (SIC 3263)	Porcelain electrical supplies (SIC 3264)	Pottery products, n.e.c. (SIC 3269)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.95	[2].90	.86	.85	.97
COVERAGE RATIO[3]	.96	.89	.86	.98	.87
ESTABLISHMENTS, TOTAL .NUMBER	51	39	21	74	434
WITH 1 TO 19 EMPLOYEES .DO	11	11	4	24	338
WITH 20 TO 99 EMPLOYEES .DO	11	15	5	20	78
WITH 100 EMPLOYEES OR MORE .DO	29	13	12	30	18
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	8.4	7.0	5.9	13.4	7.9
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	56.5	36.1	27.5	89.9	37.0
PRODUCTION WORKERS:					
AVERAGE FOR YEAR 1,000	7.0	6.0	5.3	11.0	6.7
MARCH .DO	6.9	5.9	5.4	11.4	6.6
MAY .DO	6.9	6.0	4.8	11.2	6.4
AUGUST .DO	7.1	5.9	5.5	10.8	6.9
NOVEMBER .DO	7.1	6.0	5.7	10.6	6.9
MAN-HOURS .MILLIONS	13.8	11.2	9.8	22.2	13.1
JANUARY-MARCH .DO	3.4	2.8	2.4	5.9	3.4
APRIL-JUNE .DO	3.5	2.8	2.3	5.8	3.1
JULY-SEPTEMBER .DO	3.4	2.6	2.2	5.1	3.3
OCTOBER-DECEMBER .DO	3.6	2.9	2.9	5.4	3.3
WAGES MILLION DOLLARS	45.7	27.3	22.6	67.5	27.0
COST OF MATERIALS, ETC., TOTAL .DO	58.5	12.7	12.4	76.0	33.7
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	40.6	10.0	10.5	66.6	22.1
COST OF RESALES .DO	13.3	.7	.1	3.7	8.3
FUELS CONSUMED .DO	3.2	1.5	1.3	2.8	2.0
PURCHASED ELECTRIC ENERGY .DO	1.4	.5	.4	2.0	.9
CONTRACT WORK .DO	(Z)	(Z)	.1	1.0	.4
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	170.0	67.2	47.1	225.0	96.1
VALUE OF RESALES .DO	20.1	.9	.3	4.4	10.0
VALUE ADDED BY MANUFACTURE .DO	111.4	55.8	34.6	153.5	63.4
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL .DO	26.7	13.9	10.1	30.1	10.1
FINISHED PRODUCTS .DO	14.8	6.2	5.3	6.0	5.7
WORK IN PROCESS .DO	4.2	4.9	1.9	12.4	1.4
MATERIALS, SUPPLIES, FUEL, ETC. .DO	7.7	2.8	2.9	11.7	3.0
END OF YEAR, TOTAL .DO	26.6	15.2	10.1	35.6	10.7
FINISHED PRODUCTS .DO	14.0	7.3	5.2	8.9	6.7
WORK IN PROCESS .DO	4.9	5.0	1.9	14.1	1.4
MATERIALS, SUPPLIES, FUEL, ETC. .DO	7.8	2.8	2.9	12.6	2.6
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	2.7	1.9	1.0	21.7	3.4
NEW PLANT AND EQUIPMENT, TOTAL .DO	2.6	1.9	1.0	21.4	3.0
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	1.1	.6	.1	8.2	.7
NEW MACHINERY AND EQUIPMENT .DO	1.5	1.3	.9	13.2	2.3
USED PLANT AND EQUIPMENT .DO	(Z)	(Z)	(Z)	.2	.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]This is a minimum percentage. The exact percentage is withheld to avoid disclosing figures for individual companies.

[3]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3261-- VITREOUS PLUMBING FIXTURES											
ESTABLISHMENTS, TOTAL	51	8.4	56.5	7.0	13.8	45.7	111.4	58.5	170.0	2.6	26.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	9	(Z)	.3	(Z)	(Z)	.1	.5	.4	.7	(Z)	.1
5 TO 9 EMPLOYEES[e]	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	4	.1	.4	.1	.2	.3	.9	.5	1.4	(Z)	.1
50 TO 99 EMPLOYEES	7	.5	3.1	.5	.9	2.7	4.9	2.7	7.6	.1	1.0
100 TO 249 EMPLOYEES	17	2.7	18.3	2.2	4.2	14.2	35.5	22.0	57.8	.6	9.4
250 TO 499 EMPLOYEES	9	5.0	34.5	4.2	8.4	28.4	69.7	33.0	102.4	1.9	15.9
500 TO 999 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3262-- VITREOUS CHINA FOOD UTENSILS											
ESTABLISHMENTS, TOTAL	39	7.0	36.1	6.0	11.2	27.3	55.8	12.7	67.2	1.9	15.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	7	(Z)	.2	(Z)	(Z)	(Z)	.3	.2	.5	(Z)	.1
5 TO 9 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES[e]	3	(Z)	.2	(Z)	.1	.1	.2	.1	.3	-	(Z)
20 TO 49 EMPLOYEES	8	.3	1.0	.2	.4	.9	1.4	.4	1.7	(D)	.3
50 TO 99 EMPLOYEES	7	.5	2.2	.4	.8	1.7	2.8	1.0	3.9	.3	.6
100 TO 249 EMPLOYEES	4	.6	2.6	.5	.9	2.1	3.0	.7	4.1	(D)	(D)
250 TO 499 EMPLOYEES	6	2.2	11.0	2.0	3.5	8.5	15.4	4.9	19.4	.4	5.2
1,000 TO 2,499 EMPLOYEES	3	3.4	19.0	2.8	5.4	13.9	32.6	5.5	37.2	1.2	8.1
ESTABS. COVERED BY ADMIN. RECORDS[1]	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3263-- FINE EARTHENWARE FOOD UTENSILS											
ESTABLISHMENTS, TOTAL	21	5.9	27.5	5.3	9.8	22.6	34.6	12.4	47.1	1.0	10.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	1	(Z)	.1	(Z)	(Z)	.1	.1	.1	.2	(Z)	(Z)
5 TO 9 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	3	.2	.9	.2	.4	.7	1.2	.4	1.7	(Z)	.1
50 TO 99 EMPLOYEES[e]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	6	1.7	7.4	1.4	2.7	5.8	10.0	3.1	13.3	.2	1.8
250 TO 499 EMPLOYEES	1	.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	4	4.0	19.0	3.7	6.7	15.9	23.3	8.8	31.8	.9	8.0
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3264-- PORCELAIN ELECTRICAL SUPPLIES											
ESTABLISHMENTS, TOTAL	74	13.4	89.9	11.0	22.2	67.5	153.5	76.0	225.0	21.4	35.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	11	(Z)	.1	(Z)	(Z)	(Z)	.1	(Z)	.2	[2]9.4	(Z)
5 TO 9 EMPLOYEES[e]	3	(Z)	.1	(Z)	(Z)	.1	.2	.1	.3	(D)	(D)
10 TO 19 EMPLOYEES	10	.1	.8	.1	.2	.6	1.7	1.6	3.1	(D)	(D)
20 TO 49 EMPLOYEES	11	.4	2.3	.3	.6	1.4	4.2	2.0	6.1	.2	1.3
50 TO 99 EMPLOYEES	9	.6	3.3	.5	1.0	2.4	4.9	1.2	6.2	.3	.5
100 TO 249 EMPLOYEES	16	2.5	15.5	2.1	4.3	11.1	27.6	13.4	39.5	3.2	6.4
250 TO 499 EMPLOYEES	6	2.0	11.7	1.8	3.6	9.7	25.3	7.3	32.4	1.2	3.9
500 TO 999 EMPLOYEES	4	3.0	22.3	2.3	4.7	16.4	28.6	16.5	44.7	2.1	5.0
1,000 TO 2,499 EMPLOYEES	4	4.8	33.8	3.8	7.7	25.8	60.8	33.8	92.6	4.9	18.0
ESTABS. COVERED BY ADMIN. RECORDS[1e]	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnote at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3269-- POTTERY PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL	434	7.9	37.0	6.7	13.1	27.0	63.4	33.7	96.1	3.0	10.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	247	.4	1.4	.4	.6	1.1	3.6	1.7	5.2	.3	.6
5 TO 9 EMPLOYEES[e]	53	.4	1.5	.3	.6	1.1	2.7	1.5	4.1	.2	.5
10 TO 19 EMPLOYEES	38	.5	2.2	.5	.8	1.7	3.6	1.7	5.3	.3	.5
20 TO 49 EMPLOYEES	56	1.9	8.7	1.6	3.0	6.0	14.1	5.8	20.0	.4	2.2
50 TO 99 EMPLOYEES	22	1.4	7.6	1.2	2.5	5.9	14.1	5.7	19.8	.8	2.2
100 TO 249 EMPLOYEES	15	2.3	10.6	2.0	4.3	8.3	17.5	6.7	24.1	.7	2.6
250 TO 499 EMPLOYEES	3	1.0	5.1	.7	1.3	2.9	7.9	10.6	17.7	.3	2.1
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	256	.6	2.0	.6	.9	1.6	4.6	2.2	6.8	.4	.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand or under 50 employees).

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments: Total (million dollars)	Value of shipments: Primary products (million dollars)	Value of shipments: Secondary products (million dollars)	Value of shipments: Miscellaneous receipts (million dollars)	Value of shipments: Primary product specialization ratio Col. B / Col. B+C (percent)	Value of primary product shipments: Total, made in all industries (million dollars)	Value of primary product shipments: Made in this industry (million dollars)	Value of primary product shipments: Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3261	Vitreous plumbing fixtures.....1967..	170.0	142.2	7.6	20.2	95	148.9	142.2	6.7	96
	1963..	155.7	139.1	4.7	11.9	97	143.8	139.1	4.7	97
3262	Vitreous china food utensils.....1967..	67.2	62.0	(D)	(D)	[1]90	69.6	62.0	7.6	89
	1963..	51.0	47.5	(D)	(D)	[1]90	51.9	47.5	4.4	91
3263	Fine earthenware food utensils.....1967..	47.1	40.0	6.8	.3	86	46.7	40.0	6.7	86
	1963..	59.0	52.9	4.5	1.6	92	58.2	52.9	5.3	91
3264	Porcelain electrical supplies.....1967..	225.0	185.7	34.1	5.2	85	188.6	185.7	2.9	98
	1963..	131.8	114.8	11.7	5.3	91	121.5	114.8	6.7	95
3269	Pottery products, n.e.c.....1967..	96.1	83.2	2.7	10.3	97	96.0	83.2	12.8	87
	1963..	95.5	72.7	10.6	12.3	87	81.4	72.7	8.7	89

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This is a minimum percentage. The exact percentage is withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry, and miscellaneous receipts	All industries	Vitreous plumbing fixtures (SIC 3261)	Vitreous china food utensils (SIC 3262)	Fine earthenware food utensils (SIC 3263)	Porcelain electrical supplies (SIC 3264)	Pottery products, n.e.c. (SIC 3269)	Other industries
	Total shipments and receipts of the industry.....	(X)	170.0	67.2	47.1	225.0	96.1	(X)
3261-	Vitreous plumbing fixtures.....	148.9	142.2	(under 2)	-	(under 2)	-	6.3
3262-	Vitreous china food utensils.....	69.6	-	62.0	(over 2)	(under 2)	-	(under 2)
3263-	Fine earthenware food utensils.....	46.7	-	(under 2)	40.0	(under 2)	(under 2)	(over 2)
3264-	Porcelain electrical supplies.....	188.6	-	-	-	185.7	(under 2)	2.7
3269-	Pottery products, n.e.c.....	96.0	(under 2)	(2-5)	(under 2)	6.0	83.2	2.7
	Other product shipments by 4-digit product group							
3411-	Metal cans.....	(X)	-	-	-	(over 2)	-	(X)
3432-	Plumbing fittings and brass goods.....	(X)	(over 2)	-	-	-	-	(X)
3561-	Pumps and compressors.....	(X)	-	-	-	2.1	-	(X)
3643-	Current carrying wiring devices.....	(X)	-	-	-	(5-10)	-	(X)
3679-	Electronic components, n.e.c.....	(X)	-	-	-	2.9	- -	(X)
	Other secondary products.....	(X)	3.3	(under 2)	-	4.6	2.4	(X)
	Miscellaneous receipts.....	(X)	20.2	(under 2)	0.3	5.2	10.3	(X)
93000	Contract and commission work.....	(X)	-	(under 2)	-	(under 2)	(under 2)	(X)
99989	Resales.....	(X)	20.1	0.9	0.3	4.4	10.1	(X)
99980	Other miscellaneous receipts.....	(X)	0.1	(under 2)	-	(under 2)	(under 2)	(X)
	Listings of the other industries with over $2 million shipments of the primary products							
3261-	3431 Metal plumbing fixtures.....	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
3263-	3253 Ceramic wall and floor tile.....	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)

Note: Data shown parenthetically above are expressed in millions of dollars.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967 Production for all purposes (1,000)	1967 Total shipments, including interplant transfers: Quantity (1,000)	1967 Total shipments, including interplant transfers: Value (million dollars)	1963 Production for all purposes (1,000)	1963 Total shipments, including interplant transfers: Quantity (1,000)	1963 Total shipments, including interplant transfers: Value (million dollars)
3261- --	VITREOUS PLUMBING FIXTURES, TOTAL	(X)	(X)	148.9	(X)	(X)	143.8
32610 10	Plumbing fixtures:						
	Total as reported in the census of manufactures	(X)	(X)	142.7	(X)	(X)	137.0
	Total as reported on Census quarterly Form M34E[1]	(X)	(X)	[2]137.8	(X)	(X)	[2]142.2
32610 17	Lavatories	2,212.9	2,303.9	25.6	2,598.7	2,523.5	(X)
	Water closet bowls:						
32610 18	Syphon jet	2,976.0	2,962.2	40.2	1,132.9	1,022.3	(X)
32610 20	Washdown	716.9	756.2	5.7	1,687.5	1,663.0	(X)
32610 22	Reverse trap	1,378.3	1,486.5	15.2	2,812.9	2,734.7	(X)
32610 24	Flush tanks	4,291.7	4,430.8	42.7	4,787.6	4,600.6	(X)
32610 51	China and earthenware plumbing fixture accessories and fittings (including towel racks, soap cups, etc.)	(X)	(X)	3.6	(X)	(X)	6.1
32610 00	Vitreous and semivitreous plumbing fixtures and accessories, n.s.k.	(X)	(X)	2.2	(X)	(X)	0.7
36210 02	Vitreous and semivitreous plumbing fixtures and accessories n.s.k. (for companies with less than 10 employees. See note.)	(X)	(X)	0.4	(X)	(X)	(X)

Product code	Product	Total shipments including interplant transfers: 1967 Quantity (million dozen pieces)	1967 Value (million dollars)	1963 Quantity (million dozen pieces)	1963 Value (million dollars)
3262- --	VITREOUS CHINA FOOD UTENSILS, TOTAL	(X)	69.6	(X)	51.9
	Vitreous china and porcelain table and kitchen articles (feldspar and bone):				
	Tableware (for serving food and drink):				
32620 18	Hotel or commercial	8.0	46.6	6.7	33.8
32620 14	Household	0.6	20.3		
32620 52	Kitchenware, household and commercial (for cooking, preparing, and storing food and drink)	0.2	1.2	1.1	17.7
32620 00	Vitreous china food utensils, n.s.k. (for companies with 10 or more employees. See Note.)	(X)	1.4		
32620 02	Vitreous china food utensils, n.s.k. (for companies with less than 10 employees. See Note.)	(X)	0.2	(X)	0.3
3263- --	FINE EARTHENWARE FOOD UTENSILS, TOTAL	(X)	46.7	(X)	58.2
32630 12	Tableware, household and commercial (for serving food and drink)	22.9	44.6	28.2	56.7
32630 52	Kitchenware, household and commercial (for cooking, preparing, and storing food and drink)	(S)	2.1	0.3	1.6

Product code	Product	Unit of measure	Total shipments including interplant transfers: 1967 Quantity	1967 Value (million dollars)	1963 Quantity	1963 Value (million dollars)
3264- --	PORCELAIN ELECTRICAL SUPPLIES, TOTAL[3]	.....	(X)	188.6	(X)	121.5
32640 --	Porcelain, steatite, and other ceramic electrical products: Porcelain electrical products (excluding steatite alumina, ferrite, titanate, etc.): High-voltage porcelain products (wet process porcelain) shipped as complete insulators:					
32640 12	Low-voltage one piece pin-type insulators	.....	(X)	6.0	(X)	3.1
32640 13	High-voltage pin-type insulators and line posts	.....	(X)	11.3	(X)	6.1
	Supension type insulators:					
32640 14	7-1/2-inch disc and smaller	Million units.	3.7	8.5	(X)	6.3
32640 15	Larger than 7-1/2-inch disc	...do.....	6.4	22.8	(X)	11.2
32640 16	Switch and bus insulators (including cap and pin, and post types)	.....	(X)	20.9	(X)	11.1
32640 17	All other, including guy strain insulators and spools	.....	(X)	8.7	(X)	11.8

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value ($1,000)	Quantity	Value ($1,000)
3264- --	PORCELAIN ELECTRICAL SUPPLIES, TOTAL[3]--Con.					
32640 --	Porcelain, steatite, and other ceramic electrical products:--Con. Porcelain electrical products (excluding steatite alumina, ferrite, titanate, etc.):--Con.					
32640 18	High voltage porcelain products (wet process porcelain), shipped as porcelain pieces only for component parts of other electrical equipment	.....	(X)	22.7	(X)	8.8
32640 21	All standard dry process electrical porcelain (including cleats, knobs, tubes, outlet and switchbox covers, etc.)	.....	(X)	1.1	(X)	1.3
32640 31	All special dry process electrical porcelain (including porcelain parts for wiring devices, fuses, circuit breakers, radio receiving sets, spark plugs, etc., and electrical refractory porcelain)	.....	(X)	34.5	(X)	26.0
32640 41	Steatite electrical products	.....	(X)	13.4	(X)	15.6
32640 98	Alumina, ferrite, except electronic application, titanate, and other ceramic electrical products	.....	(X)	26.8	(X)	17.1
32640 00	Porcelain electrical supplies, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	11.6	(X)	3.1
32640 02	Porcelain electrical supplies, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	0.2		

Product code	Product	Total shipments including interplant transfers (million dollars)	
		1967	1963
3269- --	POTTERY PRODUCTS, N.E.C., TOTAL	96.0	81.4
32690 --	Pottery products, n.e.c., including china decorating for the trade: Art, decorative and novelty pottery ware (including vases, lamp bases, figures, plaques, bookends, garden pottery, ashtrays):		
32690 11	China and porcelain	25.2	15.1
32690 31	Earthenware and stoneware	21.6	21.2
32690 41	Stoneware table and kitchen articles, household and commercial (for serving, cooking, preparing, and storing food and drink)	1.9	3.3
	Other pottery products, n.e.c.:		
32690 61	Chemical, technical, and industrial pottery ware (including chemical stoneware and porcelain, pyrometric tubes, etc.)	15.0	18.5
32690 71	Red unglazed earthenware (flower pots, etc.)	5.8	5.8
32690 81	All other pottery products (including pyrometric cones, veritas rings, etc.)	4.0	2.8
32690 91	China decorating for the trade	1.5	6.5
32690 00	Pottery products, n.e.c., n.s.k. (For companies with 10 or more employees. See Note.)	14.1	8.1
32690 02	Pottery products, n.e.c., n.s.k. (For companies with less than 10 employees. See Note.)	6.8	

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]Source: Current Industrial Reports Series MQ-34E(67)-5. No separate data for vitreous and semivitreous drinking fountains, urinals, sinks, laundry trays, bathtubs, shower receptors (sold separately) and shower stalls (including receptors) are available since these items were combined with similar items made of other materials in the MQ-34E report. Values reported in these two surveys differ. The values reported in the MQ-34E survey represent manufacturers' net billing price after trade and quantity discounts have been subtracted but before cash discounts have been subtracted. Also, returns and allowances are not subtracted. The values reported in the census of manufactures are based on net selling values, f.o.b. plant. Net selling values do not include discounts or allowances. Freight charges and excise taxes are excluded from both surveys.

[2]Represents vitreous china only. In addition, shipments valued at $3.2 in 1967, and $2.4 in 1963, were reported for plumbing fixtures made of glazed earthenware, concrete, and composition.

[3]Includes value of metal fittings when shipped as an integral part of the ceramic product.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
POTTERY PRODUCTS, INCLUDING CHINA DECORATING FOR THE TRADE, N.E.C. (32690)		
United States	96.0	81.4
Northeast Region	20.5	18.9
New England Div.	3.0	1.8
Massachusetts	1.1	(1)
Connecticut	1.1	(1)
Middle Atlantic Div.	17.5	17.1
New York	2.7	2.9
New Jersey	9.0	6.2
Pennsylvania	5.7	8.0
North Central Region	39.4	30.6
East North Central Div.	37.8	29.1
Ohio	23.0	15.4
Illinois	11.5	11.2
Michigan	2.8	(1)
West North Central Div.	1.6	1.5
Missouri	1.1	(D)
POTTERY PRODUCTS, INCLUDING CHINA DECORATING FOR THE TRADE, N.E.C. (32690)--Con.		
South Region	13.1	9.4
South Atlantic Div.	4.9	2.5
South Carolina	3.1	(D)
East South Central Div.	5.3	5.2
Kentucky	2.1	2.4
Tennessee	3.0	2.7
West South Central Div.	2.9	1.7
Texas	2.0	1.2
West Region	23.0	22.5
Mountain Div.	3.5	(D)
Colorado	3.4	(1)
Pacific Div.	19.5	(D)
California	18.5	15.0

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes-Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
32610	Vitreous and semivitreous plumbing fixtures, accessories and fittings	148.9	158.7	158.3	154.9	143.8	130.5	116.6	67.2
32620	Vitreous china and porcelain table, and kitchen articles (feldspar and bone)	69.6	62.4	58.6	55.6	51.9	46.9	43.3	42.8
32630	Fine earthenware (semivitreous) table and kitchen articles	46.7	46.3	51.1	59.3	58.2	53.5	71.7	68.1
32640	Porcelain, steatite, and other ceramic electrical products[2]	188.6	181.3	152.3	126.4	121.5	91.1	83.9	68.3
32690	Pottery products, including china decorating for the trade, n.e.c.	96.0	96.7	90.3	88.9	81.4	[3]75.0	61.9	54.0

n.e.c. Not elsewhere classified.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

[2]Includes value of metal fittings when shipped as an integral part.

[3]Data prior to 1963, exclude Alaska and Hawaii to avoid disclosing individual company figures.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(Not applicable to this report)

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Vitreous plumbing fixtures (SIC 3261)
	Cost of purchased fuels and electric energy, total....	Million dollars.	4.5
	Cost of purchased fuels, total.....	...do.....	3.2
121005	Coal (anthracite, bituminous, and lignite):		
	Quantity.....	1,000 short tons	(D)
	Cost.....	Million dollars.	(D)
331212 331213	Coke, screenings, and breeze:		
	Quantity.....	1,000 short tons	-
	Cost.....	Million dollars.	-
	Fuel oil, total:		
	Quantity.....	1,000 barrels...	(S)
	Cost.....	Million dollars.	0.2
291141	Distillate:		
	Quantity.....	1,000 barrels...	(D)
	Cost.....	Million dollars.	(D)
291151	Residual:		
	Quantity.....	1,000 barrels...	(D)
	Cost.....	Million dollars.	(D)
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):		
	Quantity.....	Million cu. ft..	5,403.8
	Cost.....	Million dollars.	2.3
960011	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	-
975000 976000	Fuels, n.s.k.....	...do.....	0.6
	Purchased electric energy:		
960012	Quantity.....	Million kw.-hrs.	122.2
	Cost.....	Million dollars.	1.4
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	2.5
	Total energy used for heat and power[1].....	Million kw.-hrs. equivalent.....	3,028.7

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization--the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization--the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3261	VITREOUS PLUMBING FIXTURES										
	ENTIRE INDUSTRY	51	8.4	56.5	7.0	13.8	45.7	111.4	58.5	170.0	2.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	48	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3262	VITREOUS CHINA FOOD UTENSILS										
	ENTIRE INDUSTRY	39	7.0	36.1	6.0	11.2	27.3	55.8	12.7	67.2	1.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3263	FINE EARTHENWARE FOOD UTENSILS										
	ENTIRE INDUSTRY	21	5.9	27.5	5.3	9.8	22.6	34.6	12.4	47.1	1.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3264	PORCELAIN ELECTRICAL SUPPLIES										
	ENTIRE INDUSTRY	74	13.4	89.9	11.0	22.2	67.5	153.5	76.0	225.0	21.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	64	9.3	61.7	7.7	15.4	46.5	100.6	49.7	147.7	6.6
3269	POTTERY PRODUCTS, NEC										
	ENTIRE INDUSTRY	434	7.9	37.0	6.7	13.1	27.0	63.4	33.7	96.1	3.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	428	7.2	32.6	6.3	12.2	24.7	57.4	23.3	80.3	2.7

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand. (or under 50 employees).

CONCRETE, PLASTER AND CUT-STONE PRODUCTS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3271--Concrete Block and Brick
3272--Concrete Products, Except Block and Brick
3273--Ready-Mixed Concrete
3274--Lime
3275--Gypsum Products
3281--Cut Stone and Stone Products

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3271--CONCRETE BLOCK AND BRICK

This industry comprises establishments primarily engaged in manufacturing concrete building block and brick from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and building materials dealers primarily engaged in mixing and delivering ready-mixed concrete in industry 3273. For a detailed list of products of industry 3271, refer to table 6A, product codes 3271013 to 3271051.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Concrete Block and Brick Industry in 1967 totaled $550.1 million. This included shipments of concrete block and brick (primary products), valued at $433.0 million, shipments of other products (secondary products) valued at $40.6 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $76.4 million.

This industry's shipments of concrete block and brick (primary products) in 1967 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 92 percent. Secondary products shipped by this industry in 1967 consisted mainly of concrete products, except block and brick ($23.0 million), and ready mixed concrete ($14.1 million).

Industry 3271 shipments of concrete block and brick (primary products) in 1967 represented 86 percent (coverage ratio) of these products valued at $502.1 million shipped by all industries. In 1963, the coverage ratio was 84 percent. Other industries shipping

concrete block and brick (primary products) consisted mainly of industry 3273, Ready-Mixed Concrete, $46.5 million; industry 3272, Concrete Products, N.E.C., $20.5 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3271, these establishments accounted for approximately 5.2 percent of payroll and 6.1 percent of value added by manufacture.

3272--CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK

This industry comprises establishments primarily engaged in manufacturing concrete products, except block and brick, from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and building materials dealers primarily engaged in mixing and delivering ready-mixed concrete in industry 3273. For a detailed list of products of industry 3272, refer to table 6A, product codes 3272107 to 3272398.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Concrete Products, N.E.C., Industry in 1967 totaled $1,201.1 million. This included shipments of concrete products, n.e.c. (primary products), valued at $1,076.6 million, shipments of other products (secondary products) valued at $44.6 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $79.9 million.

This industry's shipments of concrete products, n.e.c. (primary products) in 1967 represented 96 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent. Secondary products shipped by this industry in 1967 consisted mainly of concrete block and brick ($20.5 million), and ready-mixed concrete ($14.3 million).

Industry 3272 shipments of concrete products, n.e.c. (primary products) in 1967 represented 94 percent (coverage ratio) of these products valued at $1,147.5 million shipped by all industries. In 1963, the coverage ratio was 94 percent. Other industries shipping concrete products, n.e.c. (primary products) consisted mainly of industry 3273, Ready-Mixed Concrete, $34.7 million; industry 3271, Concrete Block and Brick, $23.0 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3272, these establishments accounted for approximately 4.9 percent of payroll and 5.8 percent of value added by manufacture.

3273--READY-MIXED CONCRETE

This industry comprises establishments primarily engaged in manufacturing Portland cement concrete, manufactured and delivered to a purchaser in a plastic and unhardened state. This industry includes production and sale of central-mixed concrete, shrink-mixed concrete and transit-mixed concrete.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Ready-Mixed Concrete Industry in 1967 totaled $2,684.2 million. This included shipments of ready-mixed concrete (primary products), valued at $2,283.8 million, shipments of other products (secondary products) valued at $182.2 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $218.2 million.

This industry's shipments of ready-mixed concrete (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 92 percent. Secondary products shipped by this industry in 1967 consisted mainly of construction sand and gravel ($58.4 million), and concrete block and brick ($46.5 million).

Industry 3273 shipments of ready-mixed concrete (primary products) in 1967 represented 98 percent (coverage ratio) of these products valued at $2,330.5 million shipped by all industries. In 1963, the coverage ratio was 98 percent. Other industries shipping ready-mixed concrete (primary products) consisted mainly of industry 3272, Concrete Products, N.E.C., $14.3 million; industry 3271, Concrete Block and Brick, $14.1 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3273, these establishments accounted for approximately 3.6 percent of payroll and 4.6 percent of value added by manufacture.

3274--LIME

This industry comprises establishments primarily engaged in manufacturing quicklime, hydrated lime, and "dead-burned" dolomite from limestone, dolomite shells, or other substances. For a detailed list of products of industry 3274, refer to table 6A, product codes 3274011 to 3274071.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Lime Industry in 1967 totaled $176.5 million. This included shipments of lime (primary products), valued at $152.4 million, shipments of other products (secondary products) valued at $21.7 million, and miscellaneous receipts (mainly contract work on materials owned by others) of $2.4 million.

This industry's shipments of lime (primary products) in 1967 represented 87 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 82 percent. Secondary products shipped by this industry in 1967 consisted mainly of crushed and broken limestone ($14.0 million), and industrial inorganic chemicals, n.e.c. ($2-$5 million).

Industry 3274 shipments of lime (primary products) in 1967 represented 93 percent (coverage ratio) of these products valued at $163.5 million shipped by all industries. In 1963, the coverage ratio was 94 percent. Other industries shipping lime (primary products) consisted mainly of industry 3297, Nonclay Refractories (over $2 million); industry 2812, Alkalies and Chlorine (over $2 million).

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3274, these establishments accounted for approximately .5 percent of payroll and .5 percent of value added by manufacture.

3275--GYPSUM PRODUCTS

This industry comprises establishments primarily engaged in manufacturing plaster, plasterboard and other products composed wholly or chiefly of gypsum. For a detailed list of products of industry 3275, refer to table 6A, product codes 3275111 to 3275211.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Gypsum Products Industry in 1967 totaled $387.7 million. This included shipments of gypsum products (primary products), valued at $356.9 million, shipments of other products (secondary products) valued at $13.9 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $16.9 million.

This industry's shipments of gypsum products (primary products) in 1967 represented 96 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 97 percent. Secondary products shipped by this industry in 1967 consisted mainly of minerals ground or treated ($6.4 million), and gypsum ($4.6 million).

Industry 3275 shipments of gypsum products (primary products) in 1967 represented 98 percent (coverage ratio) of these products valued at $362.4 million shipped by all industries. In 1963, the coverage ratio was 98 percent. Another industry shipping gypsum products (primary products) was industry 2815, Cyclic Intermediates and Crudes (over $2 million).

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3275, these establishments accounted for approximately .4 percent of payroll and .4 percent of value added by manufacture.

3281--CUT STONE AND STONE PRODUCTS

This industry comprises establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses. Establishments primarily engaged in buying or selling partly finished monuments and tombstones, but performing no work on the stones other than lettering, finishing, or shaping to custom order, are classified in trade industries. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified as mining industries. For a detailed list of products of industry 3281, refer to table 6A, product codes 3281113 to 3281398.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Cut Stone and Stone Products Industry in 1967 totaled $236.4 million. This included shipments of cut stone and stone products (primary products), valued at $210.1 million, shipments of other products (secondary products) valued at $12.0 million, and miscellaneous receipts (mainly sales of products bought and resold without further manufacture) of $14.2 million.

This industry's shipments of cut stone and stone products (primary products) in 1967 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent. Secondary products shipped by this industry in 1967 consisted mainly of crushed and broken limestone, n.e.c. ($2.9 million), and rough dimension limestone ($2.1 million).

Industry 3281 shipments of cut stone and stone products (primary products) in 1967 represented 99 percent (coverage ratio) of these products valued at $211.4 million shipped by all industries. In 1963, the coverage ratio was 99 percent.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3281, these establishments accounted for approximately 5.0 percent of payroll and 6.8 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 3271.--CONCRETE BLOCK AND BRICK													
1967 Census....	1,599	349	21.1	130.1	14.6	30.6	77.0	274.2	276.1	550.1	30.5	60.8	92	86
1966 ASM[1].....	(NA)	(NA)	24.4	137.7	17.0	35.7	82.5	296.7	294.9	585.9	33.3	66.3	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	24.7	133.8	17.5	37.5	80.3	284.8	294.9	578.4	28.0	62.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	23.5	121.0	16.2	36.3	73.4	258.5	271.6	530.0	24.3	60.5	(NA)	(NA)
1963 Census....	1,841	367	23.8	119.5	16.7	36.1	72.7	245.5	262.8	505.2	31.1	58.0	92	84
1962 ASM[1].....	(NA)	(NA)	22.3	110.7	16.2	37.4	67.4	215.3	243.6	459.1	20.5	50.0	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	23.2	110.6	17.0	37.7	67.0	214.4	247.7	460.7	21.2	49.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	23.9	111.8	17.6	38.1	68.1	212.4	246.8	457.4	24.8	49.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	23.5	106.1	17.4	37.4	66.4	221.4	240.2	458.8	22.9	48.7	(NA)	(NA)
1958 Census[2]...	1,796	336	22.8	98.1	16.4	32.9	61.3	190.4	224.3	413.7	22.8	46.6	90	83
	INDUSTRY 3272.--CONCRETE PRODUCTS, N.E.C.													
1967 Census....	3,412	802	56.8	351.1	45.4	94.2	247.9	722.6	487.9	1,201.1	73.8	159.1	96	94
1966 ASM[1].....	(NA)	(NA)	60.5	338.5	46.7	95.2	238.1	691.9	485.0	1,189.7	67.9	153.7	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	58.3	314.2	45.8	95.2	223.8	636.3	454.4	1,083.1	60.5	152.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	54.4	283.5	42.5	89.7	201.7	591.8	407.4	977.5	50.8	144.8	(NA)	(NA)
1963 Census....	3,451	716	52.3	266.7	41.1	87.3	190.9	540.0	387.4	925.7	43.5	126.1	94	94
1962 ASM[1].....	(NA)	(NA)	49.3	241.8	39.3	85.6	173.4	499.5	373.5	871.6	36.8	123.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	47.9	222.9	38.1	83.1	156.3	470.9	354.9	822.4	*36.3	123.5	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	48.6	222.4	39.0	85.6	157.5	460.2	366.6	822.5	32.3	118.5	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	47.2	211.8	38.0	79.3	150.9	438.3	358.6	795.2	38.9	117.7	(NA)	(NA)
1958 Census[2]...	3,461	619	46.3	200.2	36.3	73.6	141.6	391.4	332.2	720.1	44.3	110.2	94	94
	INDUSTRY 3273.--READY-MIXED CONCRETE													
1967 Census....	4,760	1,150	74.5	508.8	49.2	100.7	308.6	1,155.5	1,529.2	2,684.2	136.9	87.0	93	98
1966 ASM[1].....	(NA)	(NA)	75.4	487.9	49.9	101.4	295.4	1,051.3	1,483.8	2,527.8	143.8	76.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	76.2	465.6	50.2	102.4	279.2	1,066.7	1,447.4	2,511.5	135.6	70.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	72.3	431.8	46.8	97.4	259.0	996.6	1,319.7	2,310.3	*105.7	71.9	(NA)	(NA)
1963 Census....	4,621	1,021	71.5	410.5	46.1	96.2	245.0	982.0	1,308.0	2,292.5	106.0	64.5	92	98
1962 ASM[1].....	(NA)	(NA)	66.7	381.7	48.0	99.2	245.3	786.5	1,160.3	1,953.7	91.5	60.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	65.3	360.8	45.8	96.3	228.5	751.6	1,137.2	1,889.3	75.9	62.6	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	64.8	344.5	46.8	96.9	214.3	770.8	1,101.1	1,869.1	70.3	63.7	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	67.6	345.1	48.0	96.2	215.1	770.2	1,134.5	1,903.0	83.1	63.5	(NA)	(NA)
1958 Census[2]...	3,657	949	62.1	303.1	44.2	88.4	202.0	679.4	1,008.8	1,687.2	71.6	60.4	92	97
	INDUSTRY 3274.--LIME													
1967 Census....	116	71	6.8	42.6	5.7	12.0	33.4	100.1	76.8	176.5	17.7	15.8	87	93
1966 ASM[1].....	(NA)	(NA)	7.5	49.1	6.2	13.6	38.1	117.4	80.3	197.9	*22.1	17.4	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	7.3	44.1	5.9	12.6	32.6	110.1	84.6	193.1	15.7	16.4	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	7.0	41.8	5.8	12.4	31.4	103.3	84.0	187.2	21.4	13.9	(NA)	(NA)
1963 Census....	125	68	6.8	38.9	5.4	11.4	28.5	95.1	69.0	164.4	14.7	14.0	82	94
1962 ASM[1].....	(NA)	(NA)	6.9	38.6	5.7	11.4	29.2	96.8	60.3	155.9	*12.0	17.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	7.2	38.3	6.0	11.8	28.7	99.7	58.3	157.0	7.0	15.6	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	7.6	39.0	6.2	12.4	29.1	97.8	60.1	156.7	*12.1	14.5	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	7.4	36.3	6.2	13.1	28.1	91.7	65.6	157.7	*12.7	13.3	(NA)	(NA)
1958 Census[2]...	137	76	7.2	32.8	6.1	12.5	25.5	73.6	57.5	130.9	6.4	12.0	83	95
	INDUSTRY 3275.--GYPSUM PRODUCTS													
1967 Census....	117	78	10.0	70.7	7.8	17.5	52.2	225.6	160.0	387.7	12.9	39.2	96	98
1966 ASM[1].....	(NA)	(NA)	11.1	71.2	8.5	19.0	52.5	222.5	170.4	394.4	19.2	45.7	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	11.9	75.8	9.2	20.6	57.0	238.5	189.1	429.1	32.5	42.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	12.0	76.0	9.5	21.6	58.1	270.5	183.6	453.9	22.1	40.2	(NA)	(NA)
1963 Census....	122	72	11.5	70.3	9.2	20.8	54.5	259.7	164.4	425.1	15.2	36.5	97	98
1962 ASM[1].....	(NA)	(NA)	11.9	68.1	9.5	20.7	51.9	242.2	165.0	406.4	32.2	32.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	11.5	63.6	9.2	19.9	48.3	224.7	154.2	375.2	25.2	31.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	12.2	64.6	9.8	21.0	49.0	228.5	157.3	382.1	25.2	30.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	12.3	65.9	10.1	22.6	52.1	241.0	171.0	410.6	*22.0	28.8	(NA)	(NA)
1958 Census[2]...	126	63	11.5	58.0	9.4	20.6	45.4	218.0	146.6	364.9	12.1	24.4	95	98

See footnotes at end of table.

TABLE 1A. General Statistics: 1958 to 1967–Continued

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 3281.--CUT STONE AND STONE PRODUCTS													
1967 Census...	811	196	16.6	90.8	14.1	28.3	70.9	148.2	88.9	236.4	6.1	31.5	95	99
1966 ASM[1].....	(NA)	(NA)	17.2	90.9	14.2	28.4	68.9	135.0	90.6	224.2	*5.4	31.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	17.8	90.9	14.6	29.3	69.7	133.7	85.8	219.7	5.3	29.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	18.8	90.8	15.7	31.5	70.6	142.8	87.6	231.4	4.5	31.4	(NA)	(NA)
1963 Census...	893	211	18.3	85.7	15.3	30.9	66.7	131.5	86.6	217.2	6.7	31.2	94	99
1962 ASM[1]*....	(NA)	(NA)	21.3	93.7	17.7	36.5	75.5	150.3	84.3	232.1	4.9	34.8	(NA)	(NA)
1961 ASM[1]*....	(NA)	(NA)	21.9	93.6	18.1	37.0	75.1	149.3	83.8	229.0	5.5	34.0	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	19.5	82.5	16.1	31.8	64.8	134.3	82.2	215.8	*3.4	32.1	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	19.7	81.4	16.4	33.0	61.7	131.6	79.8	211.5	*5.4	29.1	(NA)	(NA)
1958 Census[2]..	1,001	243	20.3	83.0	17.0	33.1	63.8	129.0	77.1	206.3	8.4	29.9	95	97

Note: In 1967, 1963, and 1958, the number of companies in industry 3271 was 1,534, 1,786, and 1,763, respectively; in industry 3272: 3,055, 3,130, and 3,190; industry 3273: 4,032, 3,999, and 3,130; industry 3274: 78, 81, and 95; industry 3275: 55, 60, and 74; industry 3281: 776, 857, and 959.
The 1967 counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. * These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage of standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3271.--CONCRETE BLOCK AND BRICK								
1967 Census	6,169	69	2,095	2.52	.50	.74	13,006	47	8.97
1966 ASM	5,634	70	2,095	2.31	.50	.74	12,140	46	8.31
1965 ASM	5,408	71	2,149	2.14	.51	.74	11,511	47	7.59
1964 ASM	5,151	69	2,248	2.02	.51	.74	11,007	47	7.11
1963 Census	5,031	70	2,160	2.02	.52	.76	10,334	49	6.80
1962 ASM	4,966	73	2,306	1.80	.53	.77	9,661	51	5.75
1961 ASM	4,766	73	2,226	1.78	.54	.78	9,240	52	5.68
1960 ASM	4,676	74	2,169	1.79	.54	.78	8,884	53	5.57
1959 ASM	4,513	74	2,151	1.78	.52	.75	9,415	48	5.92
1958 Census	4,309	72	2,008	1.86	.54	.78	8,361	52	5.78
	INDUSTRY 3272.--CONCRETE PRODUCTS, N.E.C.								
1967 Census	6,186	80	2,074	2.63	.41	.70	12,731	49	7.67
1966 ASM	5,593	77	2,036	2.50	.41	.69	11,432	49	7.27
1965 ASM	5,385	78	2,079	2.35	.42	.71	10,905	49	6.68
1964 ASM	5,211	78	2,109	2.25	.42	.71	10,880	48	6.60
1963 Census	5,100	79	2,123	2.19	.42	.71	10,325	49	6.19
1962 ASM	4,903	80	2,176	2.03	.43	.71	10,127	48	5.84
1961 ASM	4,650	79	2,184	1.88	.43	.70	9,822	47	5.66
1960 ASM	4,572	80	2,195	1.84	.45	.72	9,462	48	5.37
1959 ASM	4,491	81	2,085	1.90	.45	.72	9,293	48	5.53
1958 Census	4,326	78	2,028	1.92	.46	.74	8,456	51	5.32
	INDUSTRY 3273.--READY-MIXED CONCRETE								
1967 Census	6,827	66	2,045	3.06	.57	.76	15,513	44	11.48
1966 ASM	6,378	66	1,997	2.91	.59	.78	13,742	46	10.37
1965 ASM	6,020	66	2,004	2.73	.58	.76	13,793	44	10.41
1964 ASM	5,974	65	2,081	2.66	.57	.76	13,787	43	10.23
1963 Census	5,740	64	2,087	2.55	.57	.75	13,730	42	10.20
1962 ASM	5,720	72	2,065	2.47	.59	.79	11,788	49	7.93
1961 ASM	5,521	70	2,100	2.37	.60	.79	11,504	48	7.81
1960 ASM	5,314	72	2,072	2.21	.59	.77	11,891	45	7.96
1959 ASM	5,101	71	2,005	2.24	.60	.78	11,385	45	8.01
1958 Census	4,880	71	1,999	2.29	.60	.78	10,937	45	7.69
	INDUSTRY 3274.--LIME								
1967 Census	6,298	85	2,100	2.77	.43	.68	14,794	43	8.33
1966 ASM	6,555	83	2,189	2.80	.41	.65	15,664	42	8.62
1965 ASM	6,038	80	2,147	2.59	.44	.67	15,080	40	8.76
1964 ASM	5,929	82	2,141	2.54	.45	.67	14,655	40	8.35
1963 Census	5,740	79	2,111	2.51	.42	.66	14,036	41	8.37
1962 ASM	5,580	82	2,021	2.56	.39	.63	13,984	40	8.47
1961 ASM	5,313	83	1,976	2.44	.37	.62	13,846	38	8.47
1960 ASM	5,159	81	2,015	2.35	.38	.63	12,930	40	7.89
1959 ASM	4,930	85	2,099	2.15	.42	.65	12,456	40	7.01
1958 Census	4,559	85	2,051	2.04	.44	.69	10,243	45	5.88
	INDUSTRY 3275.--GYPSUM PRODUCTS								
1967 Census	7,070	78	2,255	2.98	.41	.60	22,566	31	12.91
1966 ASM	6,403	76	2,234	2.77	.43	.61	19,998	32	11.73
1965 ASM	6,379	77	2,249	2.77	.44	.62	20,079	32	11.58
1964 ASM	6,337	79	2,284	2.69	.40	.57	22,551	28	12.52
1963 Census	6,121	80	2,253	2.62	.39	.55	22,597	27	12.50
1962 ASM	5,733	80	2,172	2.51	.41	.57	20,386	28	11.72
1961 ASM	5,545	80	2,163	2.43	.41	.58	19,595	28	11.30
1960 ASM	5,279	80	2,152	2.33	.41	.58	18,686	28	10.87
1959 ASM	5,356	82	2,241	2.30	.42	.58	19,593	27	10.66
1958 Census	5,041	82	2,181	2.20	.40	.56	18,957	27	10.58
	INDUSTRY 3281.--CUT STONE AND STONE PRODUCTS								
1967 Census	5,474	85	2,000	2.51	.38	.76	8,932	61	5.24
1966 ASM	5,299	83	2,000	2.42	.40	.81	7,867	67	4.75
1965 ASM	5,115	82	2,009	2.38	.39	.80	7,521	68	4.56
1964 ASM	4,817	83	2,009	2.24	.38	.77	7,579	64	4.54
1963 Census	4,675	83	2,025	2.16	.40	.79	7,168	65	4.26
1962 ASM	4,398	83	2,065	2.07	.36	.77	7,059	62	4.12
1961 ASM	4,280	83	2,044	2.03	.37	.77	6,830	63	4.03
1960 ASM	4,238	83	1,982	2.03	.38	.76	6,904	61	4.22
1959 ASM	4,138	83	2,006	1.87	.38	.76	6,690	62	4.00
1958 Census	4,081	84	1,945	1.93	.37	.78	6,342	64	3.90

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3271-- CONCRETE BLOCK AND BRICK													
UNITED STATES	1 599	349	21.1	130.1	14.6	30.6	77.0	274.2	276.1	550.1	30.5	23.8	245.5
NORTHEAST REGION	346	70	4.7	31.5	3.4	7.5	19.3	64.5	67.0	130.8	9.3	5.7	60.0
NEW ENGLAND DIVISION	84	14	1.0	7.1	.6	1.4	4.1	15.3	13.2	28.7	1.6	1.2	13.4
MASSACHUSETTS	37	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	5.6
CONNECTICUT	19	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	262	56	3.7	24.5	2.7	6.1	15.2	49.2	53.8	102.1	7.7	4.5	46.6
NEW YORK	75	14	1.1	8.0	.8	1.9	4.5	16.1	15.0	30.6	1.6	1.5	17.5
NEW JERSEY	58	11	.7	4.9	.5	1.0	2.7	10.9	12.9	23.7	1.0	1.0	12.6
PENNSYLVANIA	129	31	2.0	11.6	1.5	3.1	8.0	22.2	25.9	47.8	5.1	2.0	16.5
NORTH CENTRAL REGION	557	96	6.6	44.9	4.4	9.1	26.1	92.7	93.2	185.8	9.7	7.1	77.4
EAST NORTH CENTRAL DIVISION	394	65	4.6	32.3	3.1	6.5	18.6	68.3	69.6	138.0	6.4	5.2	58.5
OHIO	94	16	1.3	8.8	.8	1.8	4.8	17.2	19.2	36.5	1.7	1.5	15.4
INDIANA	64	13	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	9.5
ILLINOIS	65	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	9.1
MICHIGAN	105	18	1.2	9.1	.6	1.7	5.0	19.6	19.1	39.0	1.6	1.4	15.9
WISCONSIN	66	7	.6	3.7	.4	.8	2.4	8.1	9.1	17.1	.7	.7	8.6
WEST NORTH CENTRAL DIVISION	163	31	1.9	12.6	1.3	2.6	7.5	24.4	23.6	47.9	3.2	1.9	18.9
IOWA	26	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	4.0
MISSOURI	35	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.3
NEBRASKA	12	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.5
KANSAS	18	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.5
SOUTH REGION	494	142	7.3	36.8	5.1	10.6	21.5	83.8	86.4	170.5	8.5	8.0	70.2
SOUTH ATLANTIC DIVISION	274	87	4.5	23.0	3.0	6.3	12.8	53.8	53.8	107.5	5.4	4.8	42.8
MARYLAND	30	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	39	15	.6	3.3	.4	.9	1.8	7.4	6.8	14.2	.7	.8	7.3
WEST VIRGINIA	23	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	1.8
NORTH CAROLINA	53	19	.9	4.0	.6	1.2	2.4	9.4	10.6	19.9	1.1	.9	7.5
SOUTH CAROLINA	22	7	.4	1.7	.3	.6	1.1	3.4	3.5	6.9	.7	.4	2.7
GEORGIA	36	15	.7	3.5	.5	1.0	1.9	8.1	9.5	17.7	.6	.7	6.2
FLORIDA	63	14	.9	4.7	.5	1.1	2.3	13.4	10.1	23.5	1.5	.9	7.9
EAST SOUTH CENTRAL DIVISION	125	31	1.6	7.6	1.2	2.4	4.7	16.1	18.3	34.6	1.8	1.9	15.1
KENTUCKY	35	8	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	3.9
TENNESSEE	51	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	7.0
ALABAMA	22	10	.4	1.8	.3	.5	1.1	4.0	5.0	8.9	.4	.4	3.3
WEST SOUTH CENTRAL DIVISION	95	24	1.2	6.2	.9	2.0	4.0	14.0	14.3	28.4	1.3	1.3	12.2
OKLAHOMA	15	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	49	18	.8	3.9	.6	1.2	2.3	9.3	8.9	18.4	.8	.8	7.3
WEST REGION	202	41	2.5	16.8	1.7	3.3	10.1	33.2	29.5	63.0	3.1	3.1	38.0
MOUNTAIN DIVISION	79	13	.9	5.3	.6	1.3	3.3	11.8	10.1	22.2	(D)	1.4	16.1
COLORADO	21	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ARIZONA	15	4	.3	1.8	.2	.4	1.4	4.5	4.5	9.3	(D)	.3	6.1
PACIFIC DIVISION	123	28	1.6	11.5	1.1	2.1	6.8	21.3	19.4	40.8	(D)	1.7	22.0
WASHINGTON	16	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	81	19	1.1	7.7	.7	1.4	4.5	14.6	12.1	26.8	1.2	1.2	16.6
3272-- CONCRETE PRODUCTS, NEC													
UNITED STATES	3 412	802	56.8	351.1	45.4	94.2	247.9	722.6	487.9	1 201.1	73.8	52.3	540.0
NORTHEAST REGION	622	153	9.7	65.2	7.7	16.3	45.7	125.3	80.0	203.3	9.0	8.7	95.2
NEW ENGLAND DIVISION	172	33	2.1	13.7	1.7	3.5	9.6	28.9	16.6	45.5	2.5	2.1	24.1
NEW HAMPSHIRE	18	5	.2	1.1	.1	.3	.6	2.4	1.1	3.6	.1	.2	1.3
MASSACHUSETTS	71	13	.9	6.0	.7	1.5	4.2	11.7	6.2	17.9	1.1	1.1	13.1
CONNECTICUT	57	10	.7	4.8	.6	1.2	3.4	10.2	7.5	17.6	.9	.6	7.0
MIDDLE ATLANTIC DIVISION	450	120	7.6	51.5	6.0	12.8	36.1	96.4	63.3	157.8	6.5	6.6	71.1
NEW YORK	173	47	2.6	18.7	2.1	4.6	13.3	32.4	23.4	54.6	2.0	2.2	26.2
NEW JERSEY	85	34	2.7	18.4	2.1	4.4	12.5	38.6	21.6	59.8	1.7	2.0	24.6
PENNSYLVANIA	192	39	2.3	14.4	1.9	3.7	10.3	25.4	18.4	43.4	2.8	2.4	20.3
NORTH CENTRAL REGION	1 131	229	16.1	107.2	12.8	26.9	74.5	229.2	145.1	372.7	15.8	14.2	160.2
EAST NORTH CENTRAL DIVISION	785	157	11.2	77.8	8.8	18.3	53.3	164.5	104.2	268.1	11.2	9.7	116.4
OHIO	208	44	3.2	22.3	2.4	5.1	13.6	42.7	26.8	69.3	3.3	2.8	31.8
INDIANA	137	17	1.5	9.0	1.2	2.3	6.4	20.0	12.1	31.9	1.3	1.2	11.1
ILLINOIS	167	42	2.6	18.7	2.1	4.3	13.3	40.3	25.3	64.8	2.5	2.5	31.0
MICHIGAN	173	31	2.4	16.9	1.9	4.0	11.9	39.3	25.8	66.3	2.5	1.9	28.1
WISCONSIN	100	23	1.5	10.9	1.3	2.6	8.1	22.2	14.1	35.7	1.6	1.3	14.4
WEST NORTH CENTRAL DIVISION	346	72	4.9	29.4	4.0	8.6	21.3	64.6	40.9	104.7	4.6	4.5	43.8
MISSOURI	77	9	.6	3.2	.5	.9	2.2	7.7	3.9	11.5	(D)	.8	7.3
SOUTH DAKOTA	13	3	.2	1.5	.2	.4	1.2	2.9	2.0	5.0	.3	[2](D)	[2](D)
NEBRASKA	26	6	.6	3.1	.6	1.1	2.4	6.7	4.1	10.8	.5	.5	.3
KANSAS	35	9	.5	3.0	.4	.8	1.7	6.4	4.4	10.7	.2	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3272-- CONCRETE PRODUCTS, NEC -- CON.													
SOUTH REGION	1 148	301	21.4	110.0	17.4	36.1	77.9	232.4	168.7	396.2	38.2	19.9	177.6
SOUTH ATLANTIC DIVISION	605	165	11.9	61.1	9.7	20.2	43.2	126.0	88.7	212.5	29.8	11.1	98.5
MARYLAND	58	20	1.3	7.8	1.1	2.2	5.7	19.1	12.5	31.3	1.2	1.3	16.6
VIRGINIA	70	24	2.0	10.9	1.6	3.4	7.5	20.8	15.2	35.8	1.5	2.1	20.0
WEST VIRGINIA[2]	18	6	.4	1.7	.3	.6	1.3	3.2	2.8	5.9	.3	.2	1.8
NORTH CAROLINA	79	23	1.6	8.5	1.3	2.8	5.5	16.9	11.3	28.0	.8	1.4	10.0
SOUTH CAROLINA	37	11	.9	4.6	.8	1.6	3.6	10.7	7.5	18.3	1.2	.6	6.0
GEORGIA	104	25	1.9	9.2	1.5	3.0	6.2	18.2	12.6	30.6	1.2	1.3	11.6
FLORIDA	227	53	3.6	17.6	3.0	6.3	12.9	35.8	26.1	60.4	(D)	3.9	30.7
EAST SOUTH CENTRAL DIVISION	225	57	3.4	17.4	2.8	5.9	12.1	38.7	28.8	66.5	2.4	3.0	27.3
KENTUCKY	40	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.6
TENNESSEE	65	21	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	9.8
ALABAMA	87	18	1.0	4.8	.8	1.7	3.4	10.1	7.9	17.9	.8	.9	7.1
MISSISSIPPI	33	12	.6	3.2	.5	1.2	2.4	8.9	6.0	14.4	.7	.5	6.8
WEST SOUTH CENTRAL DIVISION	318	79	6.1	31.5	5.0	10.0	22.7	67.7	51.3	117.2	6.0	5.8	51.7
ARKANSAS	27	6	.3	1.5	.3	.6	1.2	2.4	2.2	4.5	.4	.3	2.0
LOUISIANA	69	14	1.6	8.8	1.4	2.7	7.2	20.5	16.4	37.3	1.2	1.0	9.5
OKLAHOMA	35	6	.4	2.8	.3	.8	1.9	5.6	3.4	8.6	.4	.4	4.5
TEXAS	187	53	3.8	18.4	2.9	5.9	12.3	39.2	29.3	66.8	4.0	4.1	35.8
WEST REGION	511	119	9.5	68.8	7.5	14.9	49.7	135.7	94.2	228.9	10.8	9.5	106.9
MOUNTAIN DIVISION	148	35	2.5	16.2	2.0	4.1	11.7	32.5	22.7	54.3	3.1	2.4	25.3
MONTANA[2]	12	5	.3	1.3	.2	.5	1.0	2.8	2.2	4.8	(D)	.2	1.8
IDAHO	13	4	.2	1.2	.2	.3	.8	2.6	2.2	4.9	(D)	.1	1.5
COLORADO[2]	45	9	.8	5.7	.7	1.4	4.3	10.9	6.2	16.8	.6	.7	7.6
NEW MEXICO	11	2	.2	1.2	.2	.3	.8	2.1	2.3	4.4	(D)	[2](D)	[3](D)
ARIZONA	32	7	.5	3.6	.4	.8	2.5	6.7	5.9	12.1	1.3	.5	5.3
UTAH	20	7	.4	2.7	.3	.7	1.9	5.4	3.1	8.5	.5	.5	5.2
PACIFIC DIVISION	363	84	7.0	52.6	5.4	10.8	38.0	103.2	71.5	174.6	7.8	7.1	81.6
WASHINGTON	74	15	1.4	10.6	1.2	2.3	8.3	18.0	15.8	33.3	1.2	1.4	14.4
OREGON	44	7	.5	3.2	.4	.8	2.5	5.7	4.3	10.0	(D)	.6	7.6
CALIFORNIA	237	58	4.9	37.0	3.7	7.3	25.6	76.0	48.9	125.5	5.8	4.9	57.6
HAWAII	7	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[3](D)	[3](D)
3273-- READY-MIXED CONCRETE													
UNITED STATES	4 760	1 150	74.5	508.8	49.2	100.7	308.6	1 155.5	1 529.2	2 684.2	136.9	71.5	982.0
NORTHEAST REGION	658	197	13.0	104.6	8.4	17.7	62.8	229.5	258.9	489.5	23.1	11.4	179.7
NEW ENGLAND DIVISION	162	54	3.4	25.9	2.3	5.1	16.8	64.1	62.1	126.2	7.2	2.7	47.0
MAINE	23	9	.4	2.4	.3	.6	1.5	4.6	4.4	9.0	.6	.4	3.8
NEW HAMPSHIRE	13	4	.2	1.4	.1	.3	.8	5.6	3.6	9.2	.5	.2	2.3
VERMONT	10	4	.2	1.8	.2	.4	1.1	4.4	3.8	8.2	.6	.1	1.8
MASSACHUSETTS	61	19	1.5	11.8	1.0	2.2	7.9	27.8	30.2	58.0	2.8	1.1	20.3
RHODE ISLAND	13	3	.2	1.5	.1	.3	1.0	3.8	3.6	7.4	.2	.1	1.5
CONNECTICUT	42	15	.9	7.0	.6	1.2	4.4	17.9	16.5	34.3	2.4	.8	17.3
MIDDLE ATLANTIC DIVISION	496	143	9.5	78.7	6.1	12.6	46.0	165.4	196.8	363.3	15.9	8.7	132.7
NEW YORK	221	62	4.8	44.9	2.9	5.8	24.3	90.7	94.3	184.4	8.9	3.5	54.3
NEW JERSEY	85	31	1.7	13.5	1.0	2.1	7.5	29.3	41.9	72.6	2.6	2.1	35.5
PENNSYLVANIA	190	50	3.0	20.3	2.2	4.6	14.2	45.5	60.7	106.4	4.4	3.1	43.0
NORTH CENTRAL REGION	1 661	337	21.7	155.4	14.5	29.1	95.3	348.1	471.7	818.2	41.0	18.8	273.6
EAST NORTH CENTRAL DIVISION	1 016	225	14.6	112.0	9.3	19.0	65.7	250.6	338.7	587.9	29.3	12.6	191.5
OHIO	253	70	4.3	32.4	2.6	5.3	18.6	68.2	93.1	161.0	8.6	3.5	53.1
INDIANA	138	35	2.3	16.2	1.3	2.7	8.2	36.3	45.3	81.6	4.6	2.0	26.5
ILLINOIS	264	40	3.0	23.5	2.1	4.2	15.7	58.3	82.0	139.9	7.0	3.0	48.6
MICHIGAN	219	49	3.2	25.0	2.0	4.1	14.2	57.9	79.4	136.9	5.5	2.5	41.7
WISCONSIN	142	31	2.0	14.9	1.3	2.6	9.0	29.8	38.9	68.5	3.7	1.6	21.6
WEST NORTH CENTRAL DIVISION	645	112	7.1	43.4	5.2	10.1	29.6	97.5	133.0	230.3	11.7	6.1	82.1
MISSOURI	142	31	2.2	13.2	1.6	3.1	9.3	27.1	41.2	68.3	2.9	1.9	23.9
NORTH DAKOTA	25	4	.2	1.3	.2	.3	.9	3.1	2.9	6.0	.4	.1	1.7
SOUTH DAKOTA	35	2	.2	1.0	.2	.3	.7	2.6	3.3	5.9	.2	.3	3.5
NEBRASKA	73	15	.7	4.2	.6	1.2	3.0	10.4	15.4	25.8	.8	[2](D)	[3](D)
KANSAS	99	23	1.1	6.4	.8	1.5	4.4	14.6	18.2	32.7	2.8	.9	10.8
SOUTH REGION	1 475	393	25.2	139.7	16.9	36.1	84.7	343.7	500.4	844.9	48.5	25.0	290.7
SOUTH ATLANTIC DIVISION	600	203	12.0	66.1	7.6	16.1	37.5	162.1	230.6	393.0	23.1	11.8	138.2
DELAWARE[2]	9	5	.3	1.7	.2	.4	1.3	4.2	4.8	9.0	.4	.3	3.7
MARYLAND	52	17	1.1	7.4	.6	1.3	3.2	20.3	25.5	45.7	.9	.9	14.2
DISTRICT OF COLUMBIA	5	5	.4	2.7	.3	.6	2.1	5.3	9.4	14.7	(D)	.4	6.4
VIRGINIA	87	23	1.7	9.7	1.1	2.4	6.0	24.7	34.7	59.8	3.4	1.7	23.1
WEST VIRGINIA	35	8	.5	3.0	.4	.7	2.1	5.7	8.0	13.7	(D)	.5	5.0
NORTH CAROLINA	103	27	1.6	8.2	1.0	2.1	4.4	19.8	27.6	47.4	2.2	1.5	14.7
SOUTH CAROLINA	54	14	.8	4.0	.6	1.3	2.5	9.0	12.8	21.7	1.2	.7	5.9
GEORGIA	101	41	2.3	10.7	1.6	3.3	6.8	24.9	37.8	62.7	5.3	1.9	16.8
FLORIDA	154	63	3.2	18.4	1.8	4.0	9.2	48.1	70.1	118.4	(D)	4.0	48.5

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
3273-- READY-MIXED CONCRETE-- CON.													
SOUTH REGION-- CON.													
EAST SOUTH CENTRAL DIVISION	318	73	5.1	27.2	3.5	7.2	16.5	65.3	89.8	155.6	8.2	4.6	51.6
KENTUCKY	92	17	1.0	5.8	.7	1.4	3.2	14.9	20.8	36.0	1.7	1.0	11.9
TENNESSEE	89	26	1.7	9.5	1.2	2.6	6.1	23.1	31.7	54.7	3.0	1.5	18.1
ALABAMA	76	16	1.3	6.9	.9	1.8	4.1	15.1	19.4	35.1	2.1	1.3	14.3
MISSISSIPPI	61	14	1.0	5.0	.7	1.4	3.1	12.2	17.9	29.9	1.4	.8	7.3
WEST SOUTH CENTRAL DIVISION	557	117	8.2	46.4	5.8	12.8	30.7	116.3	179.9	296.2	17.2	8.6	100.9
ARKANSAS	59	8	.6	3.1	.4	.9	2.1	8.2	9.6	17.8	(D)	.6	7.0
LOUISIANA	90	28	1.8	10.4	1.2	2.6	6.4	23.8	37.6	61.3	4.7	1.4	14.0
OKLAHOMA	114	15	1.1	5.8	.7	1.6	3.6	14.6	19.0	33.6	(D)	1.2	14.9
TEXAS	294	66	4.7	27.1	3.4	7.8	18.6	69.7	113.8	183.6	10.4	5.4	65.0
WEST REGION	966	223	14.6	109.2	9.4	17.9	65.8	234.3	298.2	531.6	24.3	16.4	237.6
MOUNTAIN DIVISION	329	64	4.3	28.5	3.0	5.7	18.2	60.0	64.3	124.0	7.0	4.9	62.9
MONTANA	43	2	.3	1.6	.2	.3	1.1	3.6	3.7	7.3	.4	.2	2.6
IDAHO	36	8	.5	2.6	.4	.7	1.8	6.0	5.6	11.7	.4	.4	4.1
WYOMING	22	3	.2	1.2	.2	.4	1.0	2.6	2.2	4.8	.2	.2	2.9
COLORADO	76	15	1.0	6.9	.6	1.2	3.6	14.9	20.6	35.4	1.6	1.0	13.8
NEW MEXICO	40	4	.4	2.1	.3	.5	1.3	4.3	5.1	9.3	.8	.4	5.6
ARIZONA	54	13	1.1	8.3	.8	1.6	5.8	15.6	13.2	28.6	2.9	1.5	16.1
UTAH	39	11	.6	3.7	.4	.8	2.4	9.0	9.0	17.9	.5	.7	8.2
NEVADA	19	8	.3	2.1	.2	.3	1.2	4.1	4.8	8.9	.2	.5	9.7
PACIFIC DIVISION	637	159	10.3	80.7	6.4	12.1	47.6	174.3	233.9	407.6	17.3	11.4	174.7
WASHINGTON	95	33	2.4	18.2	1.7	3.3	12.8	40.1	39.1	79.0	3.8	1.9	24.7
OREGON	83	12	1.2	8.6	.9	1.7	6.1	18.2	17.2	35.3	2.6	1.2	16.3
CALIFORNIA	442	108	6.2	49.1	3.4	6.4	26.0	106.7	165.3	271.7	9.9	7.8	124.3
HAWAII	8	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	7.4
3274-- LIME													
UNITED STATES	116	71	6.8	42.6	5.7	12.0	33.4	100.1	76.8	176.5	17.7	6.8	95.1
NORTHEAST REGION	18	11	1.4	9.7	1.2	2.4	7.5	17.3	17.4	34.5	3.6	1.6	18.7
NEW ENGLAND DIVISION	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	15	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PENNSYLVANIA	14	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	40	25	2.7	17.8	2.2	4.8	14.1	46.2	33.9	80.3	7.3	2.8	45.0
EAST NORTH CENTRAL DIVISION	30	20	1.6	10.6	1.3	2.9	8.4	30.4	25.2	55.7	3.9	1.9	32.3
OHIO	13	10	1.1	7.1	.9	2.0	5.4	19.7	11.6	31.2	3.1	1.5	24.2
ILLINOIS	7	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	10	5	1.1	7.2	.9	1.9	5.6	15.8	8.7	24.6	3.4	1.0	12.7
MISSOURI	6	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	36	22	2.0	10.2	1.7	3.6	8.1	25.6	16.5	41.9	4.8	1.7	20.0
SOUTH ATLANTIC DIVISION	17	7	.6	3.5	.5	1.1	2.7	8.2	5.9	14.1	1.6	(D)	(D)
VIRGINIA	6	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	9	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ALABAMA	7	5	.4	2.3	.3	.7	1.9	6.4	3.6	10.0	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	10	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	6	5	.7	2.8	.6	1.0	2.2	6.8	4.0	10.7	(D)	.4	4.4
WEST REGION	22	13	.7	4.8	.6	1.1	3.7	11.0	8.9	19.8	2.0	.6	11.5
MOUNTAIN DIVISION	13	7	.4	2.6	.3	.6	1.9	6.9	4.1	10.9	(D)	.3	7.4
PACIFIC DIVISION	9	6	.3	2.3	.3	.5	1.8	4.1	4.8	8.8	(D)	.3	4.0
CALIFORNIA	6	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3275-- GYPSUM PRODUCTS													
UNITED STATES	117	78	10.0	70.7	7.8	17.5	52.2	225.6	160.0	387.7	12.9	11.5	259.6
NORTHEAST REGION	20	15	2.3	16.6	1.8	4.0	12.5	45.4	35.5	81.8	2.0	2.3	46.9
NEW ENGLAND DIVISION	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	17	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	9	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	5	4	.4	3.0	.3	.7	2.2	8.7	8.6	18.2	.3	[2](D)	[2](D)
PENNSYLVANIA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	26	20	2.8	19.3	2.2	5.0	14.7	71.4	39.7	111.3	3.2	3.1	74.8
EAST NORTH CENTRAL DIVISION	16	13	1.6	11.6	1.3	2.9	8.7	42.3	24.6	66.9	1.5	1.7	41.8
OHIO	3	3	.4	3.0	.3	.8	2.4	10.3	5.5	15.7	.5	.5	10.2
INDIANA	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	6	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	10	7	1.2	7.7	.9	2.1	5.9	29.1	15.1	44.3	1.6	1.4	33.0
IOWA	5	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3275-- GYPSUM PRODUCTS-- CON.													
SOUTH REGION	38	23	3.2	21.4	2.5	5.6	15.5	75.0	54.6	130.6	5.0	3.5	79.4
SOUTH ATLANTIC DIVISION	15	11	1.7	11.2	1.3	3.0	8.4	39.9	30.7	71.3	.7	(D)	(D)
MARYLAND	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	3	3	.5	3.4	.4	.9	2.8	11.4	10.5	22.1	.1	[2](D)	[2](D)
FLORIDA	7	3	.4	2.4	.3	.6	1.6	8.3	6.8	15.2	.2	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	21	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OKLAHOMA	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	14	7	.9	5.9	.6	1.4	4.2	19.7	14.1	34.0	(D)	1.1	26.4
WEST REGION	33	20	1.7	13.4	1.3	2.9	9.4	33.8	30.1	64.0	2.7	2.6	58.5
MOUNTAIN DIVISION	11	10	.8	6.6	.6	1.4	4.4	13.3	12.1	25.5	2.1	1.2	25.0
NEW MEXICO	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
UTAH	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEVADA	3	3	.4	3.1	.2	.5	2.0	3.6	4.5	8.1	(D)	[2](D)	[2](D)
PACIFIC DIVISION	22	10	.9	6.9	.7	1.5	5.0	20.5	18.1	38.5	.6	1.4	33.5
CALIFORNIA	21	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3281-- CUT STONE AND STONE PRODUCTS													
UNITED STATES	811	196	16.6	90.8	14.1	28.3	70.9	148.2	88.9	236.4	6.1	18.3	131.5
NORTHEAST REGION	287	63	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.7	45.2
NEW ENGLAND DIVISION	147	40	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.9	31.5
NEW HAMPSHIRE	5	4	.2	1.6	.2	.5	1.2	2.9	2.4	5.5	.2	.2	1.8
VERMONT	92	27	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.8	22.7
MASSACHUSETTS	27	4	.5	3.3	.4	.9	2.4	5.6	2.4	7.6	.2	.5	4.3
RHODE ISLAND[e]	8	2	.2	.8	.1	.3	.6	1.2	.8	2.0	.1	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	140	23	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8	13.7
NEW YORK[e]	73	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	7.6
PENNSYLVANIA	52	12	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	5.5
NORTH CENTRAL REGION	204	68	5.7	34.0	4.8	9.8	25.6	53.3	28.7	82.2	2.3	6.7	49.5
EAST NORTH CENTRAL DIVISION	137	41	3.2	18.9	2.8	5.5	15.3	30.2	14.3	44.8	1.4	3.8	29.1
OHIO	26	6	.7	4.0	.6	1.2	3.2	6.7	3.1	9.7	.4	[2](D)	[2](D)
INDIANA	38	23	1.7	9.5	1.4	2.8	7.8	15.0	5.6	20.9	.4	2.0	14.0
ILLINOIS	32	8	.4	2.8	.4	.8	2.3	4.7	3.6	8.3	.2	.4	3.9
WISCONSIN	26	4	.3	2.1	.3	.6	1.7	3.1	1.5	4.5	.4	.4	3.9
WEST NORTH CENTRAL DIVISION[e]	67	27	2.6	15.0	2.1	4.3	10.3	23.1	14.4	37.4	.9	2.9	20.3
MISSOURI	16	4	.6	3.3	.5	1.1	2.4	5.0	3.1	8.1	.5	.6	3.9
KANSAS	11	4	.3	1.2	.2	.4	.9	1.6	1.4	3.0	(Z)	.2	1.3
SOUTH REGION	223	58	4.9	22.8	4.3	8.3	18.5	39.1	23.2	62.2	2.0	5.1	30.9
SOUTH ATLANTIC DIVISION	127	37	3.4	15.6	3.0	5.8	13.0	26.8	14.5	41.4	1.5	(D)	(D)
VIRGINIA	9	4	.3	1.2	.2	.6	1.0	2.6	.6	3.2	(D)	.2	1.5
NORTH CAROLINA	18	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	2.6
GEORGIA	71	24	2.2	10.3	2.0	3.8	8.8	17.7	10.0	27.5	.8	2.1	13.2
EAST SOUTH CENTRAL DIVISION	38	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	21	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	3.4
ALABAMA	10	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	1.8
MISSISSIPPI	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION[e]	58	12	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS[e]	41	6	.4	2.0	.3	.7	1.5	3.5	3.0	6.4	.1	.5	3.6
WEST REGION[e]	97	7	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	5.9
PACIFIC DIVISION[e]	61	7	.6	3.7	.5	.9	2.7	6.0	3.5	9.5	(D)	(D)	(D)
CALIFORNIA[e]	51	7	.5	3.3	.4	.8	2.4	5.3	3.1	8.5	.2	.6	4.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated.

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250 to 499 employees
CC - 500 to 999 employees
EE - 1,000 to 2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Concrete block and brick (SIC 3271)	Concrete products, n.e.c. (SIC 3272)	Ready-mixed concrete (SIC 3273)			Lime (SIC 3274)		
			Total	Establishments without mining or quarrying activity (SIC 3273-02)	Establishments with mining or quarrying activity (SIC 3274-11)	Total	Establishments without mining or quarrying activity (SIC 3274-02)	Establishments with mining or quarrying activity (SIC 3274-11)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.92	.96	.93	.95	.77	.87	.97	.84
COVERAGE RATIO[2]	.86	.94	.98	(X)	(X)	.93	(X)	(X)
ESTABLISHMENTS, TOTAL ..... NUMBER	1 599	3 412	4 760	4 366	394	116	59	57
WITH 1 TO 19 EMPLOYEES ..... DO	1 250	2 610	3 610	3 387	223	45	37	8
WITH 20 TO 99 EMPLOYEES ..... DO	346	717	1 077	929	148	51	21	30
WITH 100 EMPLOYEES OR MORE ..... DO	3	85	73	50	23	20	1	19
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	21.1	56.8	74.5	63.0	11.5	6.8	1.1	5.7
PAYROLL FOR YEAR, ALL EMPLOYEES ... MILLION DOLLARS	130.1	351.1	508.8	425.7	83.1	42.6	7.9	34.7
PRODUCTION WORKERS:								
AVERAGE FOR YEAR 1,000	14.6	45.4	49.2	41.2	8.0	5.7	.9	4.8
MARCH ..... DO	12.8	41.4	44.0	37.1	6.9	5.7	.9	4.7
MAY ..... DO	15.2	45.6	50.5	42.3	8.2	5.8	1.0	4.9
AUGUST ..... DO	15.7	48.4	53.0	44.3	8.7	5.9	.9	5.0
NOVEMBER ..... DO	14.7	46.2	49.3	41.1	8.2	5.5	.9	4.6
MAN-HOURS ..... MILLIONS	30.6	94.2	100.7	83.7	17.0	12.0	1.9	10.1
JANUARY-MARCH ..... DO	6.6	21.3	21.1	17.6	3.5	3.0	.5	2.5
APRIL-JUNE ..... DO	7.9	23.6	26.0	21.6	4.4	3.1	.5	2.6
JULY-SEPTEMBER ..... DO	8.4	25.6	28.3	23.5	4.8	3.0	.5	2.5
OCTOBER-DECEMBER ..... DO	7.6	23.7	25.3	21.0	4.3	2.9	.5	2.5
WAGES ..... MILLION DOLLARS	77.0	247.9	308.6	254.5	54.1	33.4	6.3	27.1
COST OF MATERIALS, ETC., TOTAL ..... DO	276.1	487.9	1 529.2	1 364.1	165.1	76.8	25.9	50.8
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED ... DO	199.5	417.9	1 339.7	1 201.3	138.4	44.1	16.3	27.8
COST OF RESALES ..... DO	61.4	35.8	122.6	110.6	11.9	.8	.2	.6
FUELS CONSUMED ..... DO	8.8	11.1	39.2	31.6	7.6	25.9	8.0	17.9
PURCHASED ELECTRIC ENERGY ..... DO	4.5	6.2	10.8	8.3	2.5	5.5	1.2	4.3
CONTRACT WORK ..... DO	1.9	16.9	17.0	12.4	4.6	.5	.3	.2
VALUE OF SHIPMENTS, INCLUDING RESALES ..... DO	550.1	1 201.1	2 684.2	2 351.7	332.5	176.5	49.2	127.4
VALUE OF RESALES ..... DO	74.8	47.1	165.8	150.4	15.4	1.0	.3	.6
VALUE ADDED BY MANUFACTURE ..... DO	274.2	722.6	1 155.5	988.3	167.3	100.1	23.3	76.8
MANUFACTURERS' INVENTORIES:								
BEGINNING OF YEAR, TOTAL ..... DO	60.4	149.6	70.8	58.9	11.8	15.5	4.6	10.9
FINISHED PRODUCTS ..... DO	51.8	94.4	28.1	22.6	5.5	3.5	.8	2.7
WORK IN PROCESS ..... DO	1.2	17.0	2.4	1.5	.9	1.7	(Z)	1.6
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	7.4	38.2	40.3	34.9	5.5	10.3	3.8	6.5
END OF YEAR, TOTAL ..... DO	60.8	159.1	87.0	74.2	12.8	15.8	4.7	11.1
FINISHED PRODUCTS ..... DO	52.1	101.9	28.3	23.2	5.2	3.9	.9	3.0
WORK IN PROCESS ..... DO	1.1	19.0	2.6	1.5	1.0	1.7	(Z)	1.6
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	7.7	38.2	56.1	49.6	6.5	10.2	3.8	6.5
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL ... DO	32.9	78.2	152.7	127.9	25.3	17.9	3.3	14.6
NEW PLANT AND EQUIPMENT, TOTAL ..... DO	30.5	73.8	136.9	115.2	22.0	17.7	3.2	14.5
NEW STRUCTURES AND ADDITIONS TO PLANT ... DO	8.1	11.7	35.6	31.1	4.5	2.0	.5	1.5
NEW MACHINERY AND EQUIPMENT ..... DO	22.4	62.1	101.3	84.1	17.5	15.6	2.7	12.9
USED PLANT AND EQUIPMENT ..... DO	2.1	3.8	15.8	12.4	3.4	.2	(Z)	.2

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1967–Continued

Item	Gypsum products (SIC 3275)			Cut stone and stone products (SIC 3281)
	Total	Establishments without mining or quarrying activity (SIC 3275–02)	Establishments with mining or quarrying activity (SIC 3275–11)	
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.96	.96	.97	.95
COVERAGE RATIO[2]	.98	(X)	(X)	.99
ESTABLISHMENTS, TOTAL ..... NUMBER	117	83	34	811
WITH 1 TO 19 EMPLOYEES ..... DO	39	39	-	615
WITH 20 TO 99 EMPLOYEES ..... DO	25	21	4	167
WITH 100 EMPLOYEES OR MORE ..... DO	53	23	30	29
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	10.0	4.9	5.1	16.6
PAYROLL FOR YEAR, ALL EMPLOYEES ... MILLION DOLLARS	70.7	36.2	34.5	90.8
PRODUCTION WORKERS:				
AVERAGE FOR YEAR 1,000	7.8	3.8	4.0	14.1
MARCH ..... DO	7.7	3.8	3.9	13.6
MAY ..... DO	7.5	3.7	3.9	14.5
AUGUST ..... DO	8.0	3.8	4.1	14.5
NOVEMBER ..... DO	7.8	3.8	4.0	13.9
MAN-HOURS ..... MILLIONS	17.5	8.7	8.8	28.3
JANUARY-MARCH ..... DO	4.2	2.1	2.1	6.7
APRIL-JUNE ..... DO	4.2	2.1	2.1	7.4
JULY-SEPTEMBER ..... DO	4.8	2.4	2.4	7.3
OCTOBER-DECEMBER ..... DO	4.3	2.1	2.1	6.9
WAGES ..... MILLION DOLLARS	52.2	26.6	25.6	70.9
COST OF MATERIALS, ETC., TOTAL ..... DO	160.0	93.3	66.7	88.9
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED ... DO	127.9	74.1	53.8	70.2
COST OF RESALES ..... DO	13.5	9.2	4.3	8.8
FUELS CONSUMED ..... DO	11.0	6.0	5.0	1.7
PURCHASED ELECTRIC ENERGY ..... DO	7.2	3.9	3.3	3.3
CONTRACT WORK ..... DO	.4	.2	.2	4.7
VALUE OF SHIPMENTS, INCLUDING RESALES ..... DO	387.7	214.9	172.7	236.4
VALUE OF RESALES ..... DO	16.9	11.5	5.4	10.3
VALUE ADDED BY MANUFACTURE ..... DO	225.6	120.5	105.1	148.2
MANUFACTURERS' INVENTORIES:				
BEGINNING OF YEAR, TOTAL ..... DO	44.5	28.6	15.9	30.1
FINISHED PRODUCTS ..... DO	11.6	7.4	4.2	10.8
WORK IN PROCESS ..... DO	3.9	1.7	2.2	8.9
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	29.1	19.5	9.5	10.4
END OF YEAR, TOTAL ..... DO	39.2	24.7	14.4	31.5
FINISHED PRODUCTS ..... DO	10.3	6.7	3.6	10.8
WORK IN PROCESS ..... DO	3.1	1.3	1.8	9.9
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	25.8	16.8	9.0	10.8
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL ... DO	13.2	4.2	8.9	7.2
NEW PLANT AND EQUIPMENT, TOTAL ..... DO	12.9	4.0	8.9	6.1
NEW STRUCTURES AND ADDITIONS TO PLANT ... DO	3.0	1.2	1.8	1.5
NEW MACHINERY AND EQUIPMENT ..... DO	9.9	2.8	7.1	4.5
USED PLANT AND EQUIPMENT ..... DO	.3	.2	.1	.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, "Explanation of Terms."

Standard notes: -Represents zero. (X) Not applicable. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3271-- CONCRETE BLOCK AND BRICK											
ESTABLISHMENTS, TOTAL	1 599	21.1	130.1	14.6	30.6	77.0	274.2	276.1	550.1	30.5	60.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	568	.9	4.7	.9	1.5	3.4	13.0	13.8	26.6	3.8	3.3
5 TO 9 EMPLOYEES	282	1.9	11.8	1.5	3.0	7.6	25.5	26.2	51.6	3.0	6.2
10 TO 19 EMPLOYEES	400	5.6	33.7	3.8	8.0	20.0	74.1	75.7	149.3	9.2	17.8
20 TO 49 EMPLOYEES	288	8.4	52.7	5.5	11.9	29.6	107.6	109.8	217.5	10.5	22.2
50 TO 99 EMPLOYEES	58	3.9	24.6	2.6	5.7	15.0	49.5	45.7	95.5	3.7	10.1
100 TO 249 EMPLOYEES	3	.3	2.5	.2	.5	1.5	4.6	4.9	9.5	.4	1.2
ESTABS. COVERED BY ADMIN. RECORDS[1e]	621	1.4	6.8	1.4	2.2	4.8	16.6	18.8	35.4	2.2	4.5
3272-- CONCRETE PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL	3 412	56.8	351.1	45.4	94.2	247.9	722.6	487.9	1 201.1	73.8	159.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	1 567	2.7	13.5	2.7	4.5	9.9	34.3	23.8	58.6	4.9	7.1
5 TO 9 EMPLOYEES[e]	551	3.7	20.9	3.2	6.2	14.7	42.2	27.0	69.4	3.8	7.8
10 TO 19 EMPLOYEES	492	6.8	39.0	5.2	10.7	26.6	78.8	48.7	127.4	27.0	14.3
20 TO 49 EMPLOYEES	517	15.8	95.0	12.5	26.6	67.4	197.3	134.7	331.7	14.4	42.6
50 TO 99 EMPLOYEES	200	13.7	88.0	10.8	22.6	62.2	185.1	119.5	298.4	12.0	43.5
100 TO 249 EMPLOYEES	75	10.4	67.1	8.3	18.0	48.2	137.9	98.5	232.5	8.9	31.2
250 TO 499 EMPLOYEES	9	3.6	27.6	2.8	5.5	18.9	47.0	35.6	83.1	3.0	12.5
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	1 596	3.7	17.3	3.7	6.1	12.8	41.6	28.8	70.4	4.9	9.2
3273-- READY-MIXED CONCRETE											
ESTABLISHMENTS, TOTAL	4 760	74.5	508.8	49.2	100.7	308.6	1,155.5	1,529.2	2,684.2	136.9	87.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	1 640	3.3	20.2	3.1	4.6	14.5	72.5	109.8	182.3	8.5	5.2
5 TO 9 EMPLOYEES	859	5.9	37.1	4.1	8.4	24.4	99.6	136.5	235.8	13.3	6.8
10 TO 19 EMPLOYEES	1 111	15.5	101.5	10.1	20.9	61.1	241.3	318.4	560.4	29.3	18.5
20 TO 49 EMPLOYEES	908	26.5	179.8	16.5	34.4	104.2	393.3	536.9	929.5	45.1	31.5
50 TO 99 EMPLOYEES	169	11.4	80.6	7.7	16.1	52.4	164.2	210.7	374.9	20.3	11.6
100 TO 249 EMPLOYEES	68	9.5	67.3	6.4	13.4	41.2	140.0	181.6	321.1	17.0	11.4
250 TO 499 EMPLOYEES	4	2.4	22.4	1.2	2.8	10.8	44.6	35.4	80.1	3.4	1.9
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	1 353	3.2	18.2	3.0	4.3	12.9	53.7	69.8	123.4	6.7	3.6
3274-- LIME											
ESTABLISHMENTS, TOTAL	116	6.8	42.6	5.7	12.0	33.4	100.1	76.8	176.5	17.7	15.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	22	(Z)	.2	(Z)	.1	.2	1.0	.4	1.4	.1	.1
5 TO 9 EMPLOYEES	9	.1	.4	.1	.1	.3	.9	.9	1.8	(Z)	.1
10 TO 19 EMPLOYEES	14	.2	1.3	.2	.5	1.0	3.8	4.2	7.9	.3	.9
20 TO 49 EMPLOYEES	26	.8	5.3	.7	1.4	4.2	16.1	14.4	30.6	2.1	2.6
50 TO 99 EMPLOYEES	25	1.7	11.4	1.4	3.1	8.6	29.0	21.8	50.6	2.9	5.3
100 TO 249 EMPLOYEES	15	2.0	12.8	1.7	3.5	10.0	25.4	20.4	45.6	7.1	4.7
250 TO 499 EMPLOYEES	4	1.9	11.3	1.7	3.3	9.0	24.0	14.7	38.6	5.1	2.1
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3275-- GYPSUM PRODUCTS											
ESTABLISHMENTS, TOTAL	117	10.0	70.7	7.8	17.5	52.2	225.6	160.0	387.7	12.9	39.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	29	(Z)	.2	(Z)	.1	.2	.7	.5	1.2	(Z)	.1
5 TO 9 EMPLOYEES	8	.1	.5	(Z)	.1	.3	1.5	1.9	3.4	(Z)	.3
10 TO 19 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	13	3	3.9	.4	.8	2.8	12.4	10.4	22.9	.4	2.7
50 TO 99 EMPLOYEES	12	9.4	66.0	7.2	16.4	48.8	211.1	147.2	360.2	12.3	36.0
100 TO 249 EMPLOYEES	51	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1e]	29	.1	.3	.1	.1	.2	.8	.5	1.3	(Z)	.1

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3281-- CUT STONE AND STONE PRODUCTS											
ESTABLISHMENTS, TOTAL	811	16.6	90.8	14.1	28.3	70.9	148.2	88.9	236.4	6.1	31.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	348	.6	3.0	.6	1.0	2.4	7.4	5.2	12.6	.2	1.6
5 TO 9 EMPLOYEES[e]	133	.9	4.9	.8	1.5	3.9	9.5	7.2	16.6	.5	1.8
10 TO 19 EMPLOYEES	134	1.9	10.1	1.5	2.9	7.5	17.7	12.7	30.5	.7	2.9
20 TO 49 EMPLOYEES	123	3.8	21.7	3.1	6.3	16.8	34.1	24.8	58.9	1.3	6.4
50 TO 99 EMPLOYEES	44	3.1	17.4	2.7	5.5	13.8	27.1	13.0	40.1	1.6	4.2
100 TO 249 EMPLOYEES	21	3.0	15.4	2.5	5.1	12.5	26.4	13.9	40.0	.8	5.6
250 TO 499 EMPLOYEES	6	3.4	18.2	2.9	5.9	13.9	26.0	12.1	37.7	1.0	9.0
500 TO 999 EMPLOYEES[e]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	377	1.0	4.5	.9	1.5	3.7	10.1	6.5	16.6	.4	2.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3271	Concrete block and brick	1967	550.1	433.0	40.6	76.4	92	502.1	433.0	69.1	86
		1963	505.2	395.5	35.8	73.9	92	472.4	395.5	76.9	84
3272	Concrete products n.e.c.	1967	1,201.1	1,076.6	44.6	79.9	96	1,147.5	1,076.6	70.9	94
		1963	925.7	806.6	47.8	71.3	94	861.9	806.6	55.3	94
3273	Ready-mixed concrete	1967	2,684.2	2,283.8	182.2	218.2	93	2,330.5	2,283.8	46.7	98
		1963	2,292.5	1,923.6	173.4	195.5	92	1,970.7	1,923.6	47.1	98
3274	Lime	1967	176.5	152.4	21.7	2.4	87	163.5	152.4	11.1	93
		1963	164.4	128.6	28.0	7.9	82	136.9	128.6	8.3	94
3275	Gypsum products	1967	387.7	356.9	13.9	16.9	96	362.4	356.9	5.5	98
		1963	425.1	395.6	12.6	16.9	97	405.1	395.6	9.5	98
3281	Cut stone and stone products	1967	236.4	210.1	12.0	14.2	95	211.4	210.1	1.3	99
		1963	217.2	189.7	12.7	14.8	94	190.9	189.7	1.3	99

Note: See Appendix, Explanation of Terms, for discussion of items.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product class code	Class of products and miscellaneous receipts	All industries	Concrete block and brick (SIC 3271)	Other concrete products (SIC 3272)	Ready mixed concrete (SIC 3273)	Lime (SIC 3274)	Gypsum products (SIC 3275)	Cut stone and stone products (SIC 3281)	Other industries
	Total shipments and miscellaneous receipts	(X)	550.1	1,201.1	2,684.2	176.5	387.7	236.4	(X)
3271-	Concrete block and brick	502.1	433.0	20.5	46.5	-	-	-	2.1
3272-	Concrete products, n.e.c.	1,147.5	23.0	1,076.6	34.7	-	-	(under 2)	(10-20)
32721	Concrete pipe	400.5	6.2	381.0	6.7	-	-	-	6.6
32722	Precast concrete products	341.5	13.8	303.1	20.3	-	-	(under 2)	(2-5)
32723	Prestressed concrete products	217.7	3.0	205.0	7.4	-	-	-	2.3
32720	Concrete products, n.e.c., n.s.k.	187.8	-	187.4	(under 2)	-	-	-	(under 2)
3273-	Ready-mixed concrete	2,330.5	14.1	14.3	2,283.8	1.1	-	-	17.2
3274-	Lime	163.5	-	-	-	152.4	-	-	11.1
3275-	Gypsum products	362.4	-	-	-	-	356.9	-	5.5
32751	Gypsum building materials	339.1	-	-	-	-	335.5	-	3.5
32752	Other gypsum products	19.4	-	-	-	-	17.6	-	1.8
32750	Gypsum products, n.s.k.	3.9	-	-	-	-	3.9	-	-
3281-	Cut stone and stone products	211.4	-	(under 2)	-	-	-	210.1	(under 2)
32811	Cut granite and granite products	75.9	-	(under 2)	-	-	-	75.7	(under 2)
32812	Cut limestone and limestone products	27.3	-	-	-	-	-	26.8	.5
32813	Cut marble and other cut stone products	53.8	-	(under 2)	-	-	-	53.2	(under 2)
32810	Cut stone and stone products, n.s.k.	54.4	-	-	-	-	-	54.4	-
	Other product shipments by 4-digit product group								
1412-	Rough dimension limestone	(X)	-	-	-	-	-	2.1	(X)
1422-	Crushed and broken limestone	(X)	-	-	9.8	14.0	(2-5)	(under 2)	(X)
1429-	Crushed and broken limestone, n.e.c.	(X)	-	-	8.0	-	-	2.9	(X)
1442-	Construction sand and gravel	(X)	(under 2)	1.1	58.4	(under 2)	-	-	(X)
1492-	Gypsum	(X)	-	-	-	(under 2)	4.6	-	(X)
2819-	Industrial inorganic chemicals, n.e.c.	(X)	-	-	-	(2-5)	-	-	(X)
2951-	Paving mixtures and blocks	(X)	-	(under 2)	12.9	(under 2)	(under 2)	-	(X)
3295-	Minerals, ground or treated	(X)	(under 2)	(under 2)	(under 2)	(under 2)	6.4	-	(X)
3449-	Miscellaneous metalwork	(X)	-	(under 2)	(over 2)	-	-	-	(X)
	Other secondary products	(X)	2.5	6.8	9.6	3.8	0.9	6.7	(X)
	Miscellaneous receipts	(X)	76.4	79.9	218.2	2.4	16.9	14.2	(X)
93000	Commission receipts	(X)	.9	8.0	13.3	1.1	-	2.1	(X)
99989	Resales	(X)	74.8	47.1	165.8	1.0	16.9	10.3	(X)
99980	Other miscellaneous receipts	(X)	.7	24.8	39.1	.3	-	1.8	(X)
	Listing of the other industries with over $2 million shipments of the primary products								
3272-	3317 Steel pipe and tubes	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
3272-	3431 Metal sanitary ware	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
3272-	3443 Fabricated platework (boiler shops)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
3272-	3642 Lighting fixtures	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
3273-	2951 Paving mixtures and blocks	(X)	(X)	(X)	(X)	(X)	(X)	(X)	11.5
3274-	2812 Alkalies and chlorine	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
3274-	3297 Nonclay refractories	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
3275	2815 Cyclic intermediates and crudes	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)

Note: Data shown parenthetically above are expressed in millions of dollars.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3271- --	CONCRETE BLOCK AND BRICK, TOTAL	.....	(X)	502.1	(X)	472.4
	Structural block:					
32710 13	Lightweight aggregate (cinder, expanded slag, pumice, expanded clays, shales, slates, etc.)	Million blocks. (8" x 8" x 16" equivalent)...	(S)	265.0	1,216.5	261.5
32710 16	Heavyweight aggregate	...do.....	567.0	114.6	845.9	167.0
32710 18	Decorative block (such as screen block; split block, slump block, shadowal block, etc.)	...do.....	63.6	14.6	(NA)	(NA)
32710 51	Brick	Million bricks.	479.7	15.4	424.1	13.4
32710 00	Concrete block and brick, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	57.1	(X)	30.5
32710 02	Concrete block and brick, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	35.4	(X)	(X)
3272- --	CONCRETE PRODUCTS, N.E.C. TOTAL	.....	(X)	1,147.5	(X)	861.9
32721 --	Concrete pipe, total	.....	(X)	400.5	(X)	369.3
32721 07	Prestressed pipe	Million lin. ft.....	e4.4	61.8	4.1	60.4
	Concrete pipe (except prestressed), reinforced and non-reinforced:					
	Culvert pipe:					
32721 13	Reinforced	1,000 short tons	3,e410.0	100.3	122.6	98.5
32721 15	Nonreinforced	...do.....	e360.6	8.9	18.0	12.3
	Sewer pipe:					
	Reinforced:					
32721 22	24 inches or more	...do.....	1,809.0	60.1	17.0	62.7
32721 23	Less than 24 inches	...do.....	724.3	26.0	19.2	28.9
	Nonreinforced:					
32721 26	15 inches or more	...do.....	e265.2	7.5	14.3	7.0
32721 27	Less than 15 inches	...do.....	e373.4	12.8	123.7	17.6
32721 34	Pressure pipe	Million lin. ft.....	2.7	34.6	(S)	20.1
32721 41	Irrigation pipe	1,000 short tons.....	308.8	8.4	111.1	10.3
32721 98	Other concrete pipe (such as draintile and conduits)	...do.....	894.7	27.1	150.5	17.4
32721 00	Concrete pipe, n.s.k.	.....	(X)	52.7	(X)	34.0
32722 --	Precast concrete products, total[2]	.....	(X)	341.5	(X)	297.3
	Roof and floor units:					
32722 13	Slabs and tile	Million sq.ft.	(NA)	47.0	2569	30.6
32722 17	Joists and beams	Million lin. ft.....	(NA)	6.9	2113	8.1
32722 23	Architectural wall panels	Million sq.ft.	(NA)	71.4	2303	42.5
32722 25	Piling, post, and poles	Million lin. ft.....	(NA)	1.9	273	2.9
32722 27	Cast stone (products for architectural purposes (except architectural wall panels) such as windowsills, ashlar, coping, lintels and other trim)	.....	(X)	19.8	(X)	23.1
32722 29	Other precast concrete construction or building products (including prefabricated housing components, reinforced columns, etc.)	.....	(X)	29.2	(X)	32.9
32722 33	Burial vaults	1,000.....	e534.0	44.1	704.3	50.7
32722 35	Burial boxes	...do.....	175.1	7.4	167.7	6.7
32722 41	Silo staves	...do.....	e12,050.0	17.8	(S)	15.9
32722 61	Septic tanks	...do.....	204.9	17.1	335.2	28.3
32722 71	Dry-mixed concrete materials (including prepackaged sand, gravel and cement, mortar and cement premixes)	1,000 short tons.....	1,452.7	27.1	524.5	13.0
32722 98	Other precast concrete products, except construction or building products (including garden furniture, storage tanks, laundry trays, gravestones, catchbasin covers, shower receptors, etc.).	.....	(X)	21.2	(X)	17.3
32722 00	Precast concrete products, n.s.k.	.....	(X)	30.6	(X)	25.2

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3272--	CONCRETE PRODUCTS, N.E.C.--Continued					
32723 --	Prestressed concrete products, except prestressed pipe, total[2]	.....	(X)	217.7	(X)	140.9
32723 11	Single tees, double tees and channels	Million sq.ft.	[e]50.2	55.7	[2]1.0	43.5
32723 23	Piling, bearing piles, and sheet piles	Million lin. ft.	[e]5.2	20.1	[2]2,097	45.7
32723 25	Bridge beams	...do...	[e]2.8	35.9		
32723 27	Joists, girders and beams (other than bridge beams)	...do...	(NA)	8.4		
32723 31	Solid and hollow cored slabs and panels	Million sq.ft.	(NA)	36.7	[2]632	24.3
32723 75	Net weight of prestressed concrete products shipped	1,000 short tons	(S)	(X)	(NA)	(X)
32723 98	Other prestressed concrete products (such as arches, columns, etc.)	...do...	[e]598.5	28.6	(S)	11.2
32723 00	Prestressed concrete products, n.s.k.	.....	(X)	32.2	(X)	16.2
32720 00	Concrete products, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	117.1	(X)	54.4
32720 02	Concrete products, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	70.7	(X)	(X)
3273- --	READY-MIXED CONCRETE, TOTAL	Million cu.yds	[e]162.4	2,330.5	[e]149.5	1,970.7
32730 11	Ready-mixed concrete	...do...	[e]162.4	2,330.5	[e]149.5	1,970.7

Product code	Product	1967			1963		
		Production for all purposes (1,000 tons)	Total shipments, including interplant transfers		Production for all purposes (1,000 tons)	Total shipments, including interplant transfers	
			Quantity (1,000 tons)	Value (million dollars)		Quantity (1,000 tons)	Value (million dollars)
3274- --	LIME, TOTAL	(X)	(X)	163.5	(X)	(X)	136.9
32740 11	Quicklime	(S)	7,548	95.2	(S)	4,920	61.7
32740 51	Hydrated lime	2,207	2,123	36.9	2,175	2,154	36.3
32740 71	Dead burned dolomite	1,289	1,307	23.4	2,259	2,072	34.7
32740 00	Lime, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	7.1	(X)	(X)	4.2
32740 02	Lime, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	(X)	0.9			

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3275- --	GYPSUM PRODUCTS, TOTAL	.....	(X)	362.4	(X)	405.1
32751 11	Calcined gypsum building materials, building plasters and prefabricated building materials	1,000 tons	8,686	339.1	10,846	401.7
32752 11	Other calcined gypsum products, industrial plasters	...do...	785	19.4		
32750 00	Gypsum products, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	2.6	(X)	3.4
32750 02	Gypsum products, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	1.3		

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (Million dollars)	Quantity	Value (Million dollars)
3281- --	CUT STONE AND STONE PRODUCTS, TOTAL	.....	(X)	211.4	(X)	190.9
32811 --	Cut granite and granite products	.....	(X)	75.9	(X)	87.8
	Granite products, including gneiss, syenite, and diorite and cut granite:					
	Dressed dimension stone:					
32811 13	Building stone	1,000 short tons	(S)	19.5	186.4	28.6
32811 35	Monumental stone	...do	(S)	45.0	(S)	48.3
32811 98	Other granite products, such as paving block and curbing	...do	(S)	8.6	(S)	5.4
32811 00	Cut granite and granite products, n.s.k	.....	(X)	2.9	(X)	5.5
32812 --	Cut limestone and limestone products	.....	(X)	27.3	(X)	29.1
	Limestone products including dolomite, cement rock, marl, travertine, calcareous tufa, and cut limestone:					
	Dressed dimension stone:					
32812 13	Building stone	1,000 short tons	(S)	20.8	56.4	25.6
32812 98	Other limestone products, such as flagging	...do	(S)	4.5	41.0	1.1
32812 00	Cut limestone and limestone products, n.s.k	.....	(X)	2.0	(X)	2.4
32813 --	Cut marble and other cut stone products	.....	(X)	53.8	(X)	63.6
	Marble, dressed dimension stone:					
32813 13	Building stone	1,000 short tons	(S)	23.2	141.7	23.1
32813 35	Other marble products, such as monumental stone	...do	(S)	10.1	(S)	18.5
32813 98	Other cut stone and stone products, such as slate (roofing mill stock, flagstone), sandstone, basalt, and other dressed dimension stone products	...do	(S)	16.2	(S)	17.2
32813 00	Cut marble and other cut stone products, n.s.k	.....	(S)	4.3	(X)	4.8
32810 00	Cut stone and stone products, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	38.4	(X)	10.4
32810 02	Cut stone and stone products, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	16.0		

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5-digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00" or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (e) From 10 to 30 percent of this figure was estimated. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1] In 1963 the unit of measure was million linear feet.

[2] In 1963 the unit of measure was thousand short tons.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
CONCRETE PIPE (32721)		
United States	400.5	369.3
Northeast Region	46.2	43.0
New England Div.	12.2	12.3
Massachusetts	3.6	4.6
Connecticut	6.5	5.4
Middle Atlantic Div.	34.0	30.7
New York	11.1	10.8
New Jersey	15.8	12.1
Pennsylvania	7.1	7.8
North Central Region	131.9	110.6
East North Central Div.	93.9	80.7
Ohio	22.8	24.4
Indiana	5.9	6.8
Illinois	23.7	20.5
Michigan	34.7	22.9
Wisconsin	6.7	6.0
West North Central Div.	37.9	29.9
Minnesota	16.9	10.2
Iowa	5.7	5.2
Missouri	3.5	4.7
North Dakota	AA	(1)
South Dakota	AA	(1)
Nebraska	BB	(1)
Kansas	5.1	4.6
South Region	119.7	129.6
South Atlantic Div.	56.8	61.1
Maryland	17.8	17.1
Virginia	8.4	9.1
North Carolina	6.5	6.3
South Carolina	7.0	7.0
Georgia	9.0	8.6
Florida	6.8	10.6
East South Central Div.	21.1	20.5
Kentucky	BB	2.3
Tennessee	6.3	6.2
Alabama	BB	3.9
Mississippi	7.1	8.1
West South Central Div.	41.8	48.0
Arkansas	BB	2.7
Louisiana	9.0	7.9
Oklahoma	AA	3.4
Texas	29.4	34.1
West Region	102.6	80.2
Mountain Div.	18.8	18.5
Montana	AA	(D)
Idaho	1.9	1.5
Colorado	3.6	4.2
New Mexico	AA	(1)
Arizona	BB	(1)
Utah	3.5	2.6
Nevada	AA	(1)
Pacific Div.	83.8	67.7
Washington	11.4	9.7
Oregon	CC	6.1
California	63.9	50.0
Hawaii	AA	(1)
PRECAST CONCRETE PRODUCTS (32722)		
United States	341.5	297.3
Northeast Region	87.2	70.2
New England Div.	20.4	14.5
Maine	AA	(D)
Massachusetts	9.7	6.8
Rhode Island	AA	1.2
Connecticut	7.1	4.9
PRECAST CONCRETE PRODUCTS (32722)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	66.8	55.7
New York	23.2	22.9
New Jersey	26.7	16.7
Pennsylvania	16.9	16.1
North Central Region	112.4	98.2
East North Central Division	79.6	70.5
Ohio	19.7	16.3
Indiana	12.8	11.3
Illinois	18.6	18.9
Michigan	14.7	12.2
Wisconsin	13.8	11.8
West North Central Div.	32.9	27.6
Minnesota	11.8	10.4
Iowa	7.6	5.8
Missouri	3.9	5.8
South Dakota	AA	(D)
Nebraska	4.9	2.4
Kansas	2.5	2.3
South Region	99.4	93.4
South Atlantic Div.	60.2	58.5
Maryland	8.7	10.2
Virginia	10.7	11.7
North Carolina	9.7	6.3
South Carolina	2.1	1.4
Georgia	13.3	7.4
Florida	14.4	18.8
East South Central Div.	14.8	14.0
Kentucky	2.9	2.6
Tennessee	7.1	5.2
Alabama	3.2	4.5
Mississippi	1.7	1.7
West South Central Div.	24.4	20.9
Louisiana	7.4	2.6
Oklahoma	BB	2.1
Texas	13.8	15.1
West Region	42.4	35.5
Mountain Div.	8.3	9.7
Colorado	5.2	3.2
Arizona	1.0	1.9
Utah	AA	(1)
Pacific Div.	34.1	25.8
Washington	7.4	4.8
Oregon	1.8	1.4
California	24.5	19.1
PRESTRESSED CONCRETE PRODUCTS (32723)		
United States	217.7	140.9
Northeast Region	34.8	19.4
New England Div.	7.2	6.0
New Hampshire	AA	(D)
Massachusetts	4.0	4.6
Middle Atlantic Div.	27.6	13.4
New York	7.2	2.7
New Jersey	10.4	4.7
Pennsylvania	10.0	5.9

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
PRESTRESSED CONCRETE PRODUCTS (32723)--Con.		
North Central Region	43.4	32.5
East North Central Div.	30.3	24.5
Ohio	7.4	6.9
Indiana	6.1	1.3
Illinois	5.9	5.6
Michigan	4.6	5.0
Wisconsin	6.4	5.7
West North Central Div.	13.1	8.0
Minnesota	5.1	1.7
Iowa	2.6	2.8
Missouri	1.1	(D)
Nebraska	2.1	(1)
South Region	91.9	59.2
South Atlantic Div.	48.6	36.9
Maryland	BB	(D)
Virginia	5.1	9.4
North Carolina	10.2	3.9
South Carolina	5.0	2.9
Georgia	BB	(D)
Florida	21.6	18.4
East South Central Div.	13.9	6.9
Kentucky	BB	(D)
Tennessee	5.0	4.0
Alabama	2.4	1.0
Mississippi	BB	(D)
West South Central Div.	29.4	15.3
Louisiana	EE	(1)
Oklahoma	BB	(D)
Texas	13.1	8.8
West Region	47.5	29.9
Mountain Div.	14.0	9.3
Idaho	AA	(D)
Colorado	CC	(1)
New Mexico	AA	(D)
Arizona	BB	2.6
Utah	AA	(1)
Pacific Div.	33.6	20.6
Washington	5.9	5.0
Oregon	AA	2.2
California	23.1	10.8
Hawaii	BB	2.6
CUT GRANITE AND GRANITE PRODUCTS (32811)		
United States	75.9	87.8
Northeast Region	31.4	37.5
New England Div.	27.2	31.2
New Hampshire	BB	(1)
Vermont	18.5	20.9
Massachusetts	4.9	4.7
Middle Atlantic Div.	4.2	6.3
New York	2.7	4.0
Pennsylvania	AA	(1)
North Central Region	24.4	25.6
East North Central Div.	2.1	2.5
Ohio	1.1	(D)
West North Central Div.	22.3	23.1
Minnesota	18.1	19.8
South Dakota	BB	(1)
Kansas	AA	1.1
CUT GRANITE AND GRANITE PRODUCTS (32811)--Con.		
South Region	18.6	21.1
South Atlantic Div.	15.8	16.5
North Carolina	2.7	2.5
Georgia	12.6	13.2
West South Central Div.	2.3	3.3
Texas	AA	3.1
West Region	1.5	3.6
Pacific Div.	AA	(D)
California	1.2	3.0
CUT LIMESTONE AND LIMESTONE PRODUCTS (32812)		
United States	27.3	29.1
Northeast Region	BB	(D)
New England Div.	AA	(D)
Middle Atlantic Div.	1.6	1.0
North Central Region	20.4	23.4
East North Central Div.	17.3	20.8
Indiana	14.1	14.7
Illinois	1.6	2.8
Wisconsin	AA	2.2
West North Central Div.	3.1	2.6
Minnesota	2.5	1.7
South Region	BB	3.6
South Atlantic Div.	AA	1.2
Maryland	AA	(D)
East South Central Div.	AA	1.4
West South Central Div.	1.1	1.0
Texas	1.1	(D)
CUT MARBLE AND OTHER CUT STONE PRODUCTS (32813)		
United States	53.8	63.6
Northeast Region	17.7	26.7
New England Div.	10.2	13.4
New Hampshire	AA	(D)
Vermont	8.5	11.1
Middle Atlantic Div.	7.4	13.3
New York	3.2	7.0
Pennsylvania	4.1	5.7
North Central Region	13.9	17.2
East North Central Div.	9.6	10.4
Ohio	5.3	5.0
Illinois	3.4	2.1
West North Central Div.	6.2	6.8
Missouri	CC	(1)
South Region	17.8	16.4
South Atlantic Div.	11.3	7.9
Virginia	2.3	1.6
North Carolina	BB	(D)
Georgia	CC	(1)
East South Central Div.	5.3	7.1
Tennessee	BB	4.9
Alabama	AA	(1)
West South Central Div.	1.2	1.4
West Region	2.6	3.3
Pacific Div.	BB	2.6
California	2.0	2.6

See footnotes on next page.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Footnotes for table 6B-32D

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments

TABLE 6C. Product Classes-Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
32710	Concrete block and brick.....million dollars..	502.1	521.8	513.2	485.9	472.4	379.1	341.9	180.3
3272-	Concrete products, n.e.c.....million dollars..	1,147.5	1,105.9	1,041.3	913.9	861.9	662.1	335.5	149.5
32721	Concrete pipe.....do....	400.5	432.6	415.4	380.2	369.3	294.8	184.3	82.4
32722	Precast concrete product[4].....do....	341.5	409.6	381.7	321.4	297.3	287.1	151.2	67.0
32723	Prestressed concrete products.....do....	217.7	182.5	170.1	158.2	140.9			
32720	Concrete products, n.e.c., n.s.k.....do....	187.8	(81.2)	(74.1)	54.1	54.4	80.3	(X)	(X)
32730	Ready-mixed concrete:								
	Quantity[e].....million cu. yds..	162.4	153.8	154.0	144.7	142.9	113.0	([2])	([2])
	Value.....million dollars..	2,330.5	2,165.9	2,154.9	1,981.2	1,970.7	1,468.6	([2])	([2])
32740	Lime.....million dollars..	163.5	158.4	160.8	150.0	136.9	109.0	90.2	65.2
3275-	Gypsum products.....million dollars..	362.4	361.1	386.7	421.0	405.1	344.2	273.5	125.9
32751	Gypsum building materials.....do....	339.1	361.1	386.7	421.0	405.1	333.0	265.9	120.9
32752	Other gypsum products.....do....	19.4					6.6	5.8	3.7
32750	Gypsum products, n.s.k.....do....	3.9					4.6	1.8	1.3
3281-	Cut stone and stone products.....million dollars..	211.4	204.7	197.9	202.4	190.9	191.1	166.8	[3]67.2
32811	Cut granite.....do....	75.9	97.1	90.3	95.8	87.8	87.9	67.5	[3]40.5
32812	Cut limestone.....do....	27.3	(33.3)	(32.0)	30.0	29.1	35.1	40.0	[3]10.1
32813	Cut marble and other cut stone products.....do....	53.8	(61.6)	(65.7)	66.0	63.6	55.7	48.8	[3]16.7
32810	Cut stone and stone products, n.s.k.....do....	54.4	(12.7)	(9.9)	10.7	10.4	12.3	10.5	(X)

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of these figures were estimated.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses in the value of shipments columns either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data.

[2]Data not comparable because dressing plants operated in conjunction with quarries were not included.

[3]The 1947 data represent only the products of dressing plants not operated in conjunction with quarries.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3271.--CONCRETE BLOCK AND BRICK					
	Materials, parts, containers, and supplies, total	.....	(X)	199.5	(X)	197.1
324101	Portland cement	1,000 (376 lb. barrels).....	15,071.3	60.0	13,896.6	55.4
144201	Sand and gravel	1,000 short tons.	17,922.6	28.2	18,121.6	28.1
142011	Crushed or broken stone	...do.....	6,436.4	15.7	(NA)	(NA)
	Steel:					
331091	Wire strand and bars or rods, high strength, stress relined	...do.....	2.8	0.7	2.1	0.5
331092	Welded wire concrete reinforcing mesh	...do.....	4.9	0.8	4.5	0.6
331009	Concrete reinforcing bars	...do.....	8.0	1.5	(S)	1.2
970099	All other materials and components, parts, containers, and supplies	.....	(X)	46.0	(X)	49.4
972000	Materials, components, parts, containers, and supplies, n.s.k	.....	(X)	46.3	(X)	61.9
	INDUSTRY 3272.--CONCRETE PRODUCTS, N.E.C.					
	Materials, parts, containers and supplies, total	.....	(X)	417.9	(X)	337.2
324101	Portland cement	Million (376-lb. barrels).....	20.7	84.2	17.1	68.1
144201	Sand and gravel	1,000 short tons.	16,981.8	32.4	15,745.2	30.6
142011	Crushed or broken stone	...do.....	5,652.0	14.1	(NA)	(NA)
	Steel:					
331091	Wire strand and bars or rods, high strength, stress relieved	...do.....	204.5	39.9	124.6	23.9
331092	Welded wire concrete reinforcing mesh	...do.....	179.6	34.2	182.5	32.7
331009	Concrete reinforcing bars	...do.....	111.5	16.9	117.9	16.5
970099	All other materials and components, parts containers and supplies	.....	(X)	109.2	(X)	93.7
973000	Materials components, parts, containers, and supplies, n.s.k	.....	(X)	87.1	(X)	71.7
	INDUSTRY 3273.--READY-MIXED CONCRETE					
	Materials, parts, containers, and supplies, total	.....	(X)	1,339.7	(X)	1,155.5
324101	Portland cement	Million (376 lbs. barrels).....	159.2	609.8	132.7	502.2
144201	Sand and gravel	1,000 s. tons....	153,601.6	272.7	166,261.7	283.8
142011	Crushed or broken stone	...do.....	43,566.1	90.9		
970099	All other materials and components, parts, containers and supplies	.....	(X)	118.3	(X)	104.3
973000	Materials, components, parts, containers, and supplies, n.s.k	.....	(X)	247.5	(X)	265.2
	INDUSTRY 3274.--LIME					
	Materials, parts, containers, and supplies, total	.....	(X)	44.1	(X)	37.1
264338	Paper shipping sacks and multiwall bags	.....	(X)	4.6	(X)	4.2
970099	All other materials and components, parts, containers, and supplies	.....	(X)	25.7	(X)	26.0
142011	Crushed and broken stone, including cement rock, limestone, etc	1,000 short tons.	5,612	11.3	(NA)	(NA)
973000	Materials, parts, containers,and supplies, n.s.k	.....	(X)	2.4	(X)	6.9
	INDUSTRY 3275.--GYPSUM PRODUCTS					
	Materials, containers, and supplies, total	.....	(X)	127.9	(X)	133.8
264338	Paper shipping sacks and multiwall bags	1,000 short tons.	26	4.9	(NA)	4.9
263112	Paperboard liners	...do.....	550	45.1		
142011	Crushed and broken stone, including cement rock, limestone, etc	...do.....	10,234	28.9	(X)	125.2
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	48.4		
976000	Materials, containers, and supplies, n.s.k	.....	(X)	0.7	(X)	3.7

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Code	Material	1967			1963		
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Stone consumed from quarries operated at same location as the dressing plant (1,000 short tons)	Quantity (1,000 short tons)	Delivered cost (million dollars)	Stone consumed from quarries operated at same location as the dressing plant (1,000 short tons)
	INDUSTRY 3281.--CUT STONE AND STONE PRODUCTS						
	Materials, containers and supplies, total.....	(X)	70.2	3,545.5	(X)	70.6	3,024.6
	Stone for preparation:						
141101	Rough blocks used to produce dressed stone.....	(S)	23.2	2,512.5	1,107.3	24.9	1,700.8
142101	Broken stone received for crushing, screening, or washing.....	(S)	1.0	1,033.0	(S)	0.2	1,323.8
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	21.7	-	(X)	31.3	-
976000	Materials, containers, and supplies, n.s.k.....	(X)	24.3	-	(X)	14.1	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the associated standard error of estimate or on the basis of a consistency review.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Concrete block and brick (SIC 3271)	Other concrete products (SIC 3272)	Ready mixed concrete (SIC 3273)	Lime (SIC 3274)	Gypsum products (SIC 3275)	Cut stone and stone products (SIC 3281)
	Cost of purchased fuels and electric energy, total....	Million dollars.	13.3	17.3	50.0	31.4	18.2	5.0
	Cost of purchased fuels, total.....	...do.....	8.8	11.1	39.2	25.9	11.0	1.7
121005	Coal (anthracite, bituminous, and lignite):							
	Quantity.....	1,000 short tons.	20.4	6.6	13.0	1,625.6	82.3	(NA)
	Cost.....	Million dollars.	0.2	0.1	0.1	13.8	0.6	(NA)
	Fuel oil, total:							
	Quantity.....	1,000 barrels...	318.5	631.5	1,542.5	401.1	828.3	(NA)
	Cost.....	Million dollars.	2.5	3.1	10.2	1.3	2.5	(NA)
291141	Distillate:							
	Quantity.....	1,000 barrels...	339.6	517.8	1,390.6	72.4	205.7	(NA)
	Cost.....	Million dollars.	1.7	2.6	9.1	0.3	0.9	(NA)
291151	Residual							
	Quantity.....	1,000 barrels...	284.9	113.7	151.9	328.7	622.6	(NA)
	Cost.....	Million dollars.	0.8	0.5	1.1	1.0	1.6	(NA)
131300	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):							
	Quantity.....	Million cu. ft..	6,085.9	8,222.8	10,124.6	30,000.6	19,965.8	(NA)
	Cost.....	Million dollars.	2.8	3.1	3.3	10.3	7.5	(NA)
960011 960013	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.9	1.5	8.9	0.3	0.1	-
975000 976000	Fuels, n.s.k.....	...do.....	2.4	3.3	16.7	0.2	0.3	(NA)
	Purchased electric energy:							
960012	Quantity.....	Million kw.-hrs.	833.7	366.0	553.9	511.5	657.8	220.5
	Cost.....	Million dollars.	4.5	6.2	10.8	5.5	7.2	3.3
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	(S)	0.1	0.2	4.1	(S)	(D)
	Total energy used for heat and power.....	Million kw.-hrs. equiv.....	5,871.7	6,711.1	20,083.0	23,062.4	9,079.3	1,513.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3271	CONCRETE BLOCK AND BRICK										
	ENTIRE INDUSTRY	1 599	21.1	130.1	14.6	30.6	77.0	274.2	276.1	550.1	30.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1 491	17.7	109.8	12.3	25.6	64.8	231.3	234.4	465.6	23.7
3272	CONCRETE PRODUCTS, NEC										
	ENTIRE INDUSTRY	3 412	56.8	351.1	45.4	94.2	247.9	722.6	487.9	1 201.1	73.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	3 327	52.3	322.7	41.9	86.4	227.7	668.5	438.2	1 097.7	67.3
32721	CONCRETE PIPE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	464	17.0	111.6	13.3	28.0	78.9	254.4	178.3	431.6	15.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	391	14.1	93.3	10.9	22.9	65.4	215.4	145.9	361.3	13.3
32722	PRECAST CONCRETE PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	727	17.4	110.9	13.3	28.2	75.4	213.2	115.8	326.9	33.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	644	14.3	91.3	10.8	22.8	60.9	174.0	91.1	263.1	30.8
32723	PRESTRESSED CONCRETE PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	168	11.2	72.8	9.1	19.5	53.0	137.7	109.6	242.7	12.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	125	7.0	45.9	5.7	12.2	33.6	84.9	69.7	151.8	7.9
3273	READY-MIXED CONCRETE										
	ENTIRE INDUSTRY	4 760	74.8	510.2	49.4	101.0	309.5	1 156.2	1 530.2	2 685.9	137.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	4 414	62.2	427.6	40.8	82.5	258.0	985.0	1 344.7	2 328.0	115.5
3274	LIME										
	ENTIRE INDUSTRY	116	6.8	42.6	5.7	12.0	33.4	100.1	76.8	176.5	17.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	100	5.5	34.5	4.7	9.8	27.1	85.4	64.0	149.2	13.7
3275	GYPSUM PRODUCTS										
	ENTIRE INDUSTRY	117	10.0	70.7	7.8	17.5	52.2	225.6	160.0	387.7	12.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	115	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32751	GYPSUM BUILDING MATERIALS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	81	9.6	68.3	7.4	16.8	50.4	218.1	156.9	377.1	12.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	78	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32752	OTHER GYPSUM PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3281	CUT STONE AND STONE PRODUCTS										
	ENTIRE INDUSTRY	811	16.6	90.8	14.1	28.3	70.9	148.2	88.9	236.4	6.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	786	14.3	78.6	12.1	24.0	60.3	128.6	80.6	208.7	5.1
32811	CUT GRANITE AND GRANITE PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	124	5.4	29.8	4.4	8.9	22.0	48.2	30.0	77.7	1.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	115	5.2	29.1	4.3	8.6	21.4	46.9	29.4	75.8	1.1
32812	CUT LIMESTONE AND LIMESTONE PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	53	2.2	14.1	1.8	3.8	11.1	22.7	9.6	32.3	.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	43	1.4	8.9	1.1	2.3	6.8	14.7	6.8	21.5	.3
32813	CUT MARBLE AND OTHER CUT STONE PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	101	5.1	27.4	4.4	9.3	22.1	42.0	24.8	66.8	2.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	86	3.6	19.5	3.0	6.4	15.4	29.5	18.4	48.0	1.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3291--Abrasive Products
3292--Asbestos Products
3293--Gaskets, Packing, and Asbestos Insulations
3295--Minerals and Earths, Ground or Otherwise Treated
3296--Mineral Wool
3297--Nonclay Refractories
3299--Nonmetallic Mineral Products, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3291--ABRASIVE PRODUCTS

This industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, and other abrasive products. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries. For a detailed list of products of industry 3291, refer to table 6A, product codes 3291117 to 3291498.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Abrasive Products Industry in 1967 totaled $725.3 million. This included shipments of abrasive products (primary products), valued at $625.4 million, shipments of other products (secondary products) valued at $59.9 million, and miscellaneous receipts (mainly resales) of $40.0 million.

This industry's shipments of abrasive products (primary products) in 1967 represented 91 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 70 percent. Secondary products shipped by this industry in 1967 consisted mainly of paper coating and glazing and nonclay refractories.

Industry 3291 shipments of abrasive products (primary products) in 1967 represented 85 percent (coverage ratio) of these products valued at $734.2 million shipped by all industries. In 1963, the coverage ratio was 95 percent. Other industries shipping abrasive products (primary products) consisted mainly of industry 2641, Paper Coating and Glazing, and industry 3545, Machine Tool Accessories.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3291, these establishments accounted for 0.6 percent of payroll and 0.8 percent of value added by manufacture.

3292--ASBESTOS PRODUCTS

This industry comprises establishments primarily engaged in manufacturing asbestos textiles, asbestos building materials, except asbestos paper (industry 2661) and other commodities composed wholly or chiefly of asbestos, except steam and other packing, pipe and boiler covering and gaskets (industry 3293). For a detailed list of products of industry 3292, refer to table 6A, product codes 3292211 to 3292798.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Asbestos Products Industry in 1967 totaled $575.0 million. This included shipments of asbestos products (primary products), valued at $506.6 million, shipments of other products (secondary products) valued at $36.8 million, and miscellaneous receipts (mainly resales) of $31.6 million.

This industry's shipments of asbestos products (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 95 percent. Secondary products shipped by this industry in 1967 consisted mainly of gaskets and insulations ($10-$20 million), and miscellaneous plastics products ($9.7 million).

Industry 3292 shipments of asbestos products (primary products) in 1967 represented 90 percent (coverage ratio) of these products valued at $564.6 million shipped by all industries. In 1963, the coverage ratio was 91 percent. Other industries shipping asbestos products (primary products) consisted mainly of industry 2952, Asphalt Felts and Coatings, $20.6 million; industry 3293, Gaskets and Insulations, $13.8 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3292, these establishments accounted for 0.1 percent of payroll and 0.1 percent of value added by manufacture.

3293--GASKETS, PACKING, AND ASBESTOS INSULATIONS

This industry comprises establishments primarily engaged in manufacturing packing for steam, water, and other pipe joints, and for engines, air compressors, etc.; and insulating materials for covering boilers and pipes; and gaskets. Establishments primarily engaged in manufacturing leather packing are classified in industry 3121, rubber packing in industry 3069, and metal packing in industry 3599. For a detailed list of products of industry 3293, refer to table 6A, product codes 3293211 to 3293398.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Gaskets and Insulations Industry in 1967 totaled $352.8 million. This included shipments of gaskets and insulations (primary products), valued at $276.4 million, shipments of other products (secondary products) valued at $57.1 million, and miscellaneous receipts (mainly resales) of $19.3 million.

This industry's shipments of gaskets and insulations (primary products) in 1967 represented 82 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 81 percent. Secondary products shipped by this industry in 1967 consisted mainly of fabricated rubber products, n.e.c. ($16.6 million), and asbestos products ($13.8 million).

Industry 3293 shipments of gaskets and insulations (primary products) in 1967 represented 81 percent (coverage ratio) of these products valued at $340.5 million shipped by all industries. In 1963, the coverage ratio was 78 percent. Other industries shipping gaskets and insulations (primary products) consisted mainly of industry 3069, Fabricated Rubber Products, N.E.C., $36.0 million; industry 3292, Asbestos Products ($10-$20 million).

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3293, these establishments accounted for 1.0 percent of payroll and 1.2 percent of value added by manufacture.

3295--MINERALS AND EARTHS, GROUND OR OTHERWISE TREATED

This industry comprises establishments primarily engaged in crushing, grinding, pulverizing and otherwise preparing certain earths, rocks, minerals, or slag for sale for industrial uses or for further manufacture. The beneficiating of ores and the cleaning and grading of coal performed at the mine or by primary preparation plants are classified in mining industries. For a detailed list of products of industry 3295, refer to table 6A, product codes 3295011 to 3295098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Minerals, Ground or Treated, Industry in 1967 totaled $280.9 million. This included shipments of minerals, ground or treated (primary products), valued at $240.9 million, shipments of other products (secondary products) valued at $11.0 million, and miscellaneous receipts (mainly resales) of $29.0 million.

This industry's shipments of minerals, ground or treated (primary products) in 1967 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent. Secondary products shipped by this industry in 1967 consisted mainly of industrial inorganic chemicals, n.e.c. (over $2 million).

Industry 3295 shipments of minerals, ground or treated (primary products) in 1967 represented 89 percent (coverage ratio) of these products valued at $270.7 million shipped by all industries. In 1963, the coverage ratio was 86 percent. Other industries shipping minerals, ground or treated (primary products) consisted mainly of industry 3275, Gypsum Products, $6.4 million; industry 3297, Nonclay Refractories, $5.2 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other

Government agencies and the remaining statistics estimated from industry averages. For industry 3295, these establishments accounted for 2.4 percent of payroll and 2.3 percent of value added by manufacture.

3296--MINERAL WOOL

This industry comprises establishments primarily engaged in manufacturing mineral wool and mineral wool insulation products made of such silicious materials as rock, slag, or glass, or combinations thereof. Establishments primarily engaged in manufacturing asbestos insulation products are classified in industries 3292 and 3293; and textile glass fibers in industry 3229. For a detailed list of products of industry 3296, refer to table 6A, product codes 3296111 to 3296298.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Mineral Wool Industry in 1967 totaled $454.4 million. This included shipments of mineral wool (primary products), valued at $404.9 million, shipments of other products (secondary products) valued at $35.2 million, and miscellaneous receipts of $14.4 million.

This industry's shipments of mineral wool (primary products) in 1967 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 90 percent. Secondary products shipped by this industry in 1967 consisted mainly of pressed and blown glass, n.e.c. ($14.8 million), and general industrial machinery n.e.c. (over $2 million).

Industry 3296 shipments of mineral wool (primary products) in 1967 represented 95 percent (coverage ratio) of these products valued at $425.0 million shipped by all industries. In 1963, the coverage ratio was 96 percent. Other industries shipping mineral wool (primary products) consisted mainly of industry 3079, Miscellaneous Plastics Products, and industry 3299, Nonmetallic Mineral Products, N.E.C.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3296, these establishments accounted for 0.2 percent of payroll and 0.2 percent of value added by manufacture.

3297--NONCLAY REFRACTORIES

This industry comprises establishments primarily engaged in manufacturing refractories and crucibles made of materials other than clay. This industry also includes establishments primarily engaged in manufacturing all graphite refractories, whether of carbon bond or ceramic bond. Establishments primarily engaged in manufacturing clay refractories are classified in industry 3255. For a detailed list of products of industry 3297, refer to table 6A, product codes 3297012 to 3297094.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Nonclay Refractories Industry in 1967 totaled $307.1 million. This included shipments of nonclay refractories (primary products), valued at $266.4 million, shipments of other products (secondary products) valued at $30.8 million, and miscellaneous receipts (mainly resales) of $9.9 million.

This industry's shipments of nonclay refractories (primary products) in 1967 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent. Secondary products shipped by this industry in 1967 consisted mainly of clay refractories ($14.1 million) and lime (over $2 million).

Industry 3297 shipments of nonclay refractories (primary products) in 1967 represented 88 percent (coverage ratio) of these products valued at $302.6 million shipped by all industries. In 1963, the coverage ratio was 88 percent. Other industries shipping nonclay refractories (primary products) consisted mainly of industry 3255, Clay Refractories, $15.6 million; industry 3291, Abrasive Products (over $2 million).

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3297, these establishments accounted for 0.3 percent of payroll and 0.3 percent of value added by manufacture.

3299--NONMETALLIC MINERAL PRODUCTS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in the factory production of statuary and art goods made of plaster of Paris and papier mache, and in manufacturing sand lime products and other nonmetallic mineral products, not elsewhere classified. For a detailed list of products of industry 3299, refer to table 6A, product codes 3299053 to 3299098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Nonmetallic Mineral Products, N.E.C., Industry in 1967 totaled $99.9 million. This included shipments of nonmetallic mineral products, n.e.c. (primary products), valued at $77.6 million, shipments of other products (secondary products) valued at $16.4 million, and miscellaneous receipts (mainly resales) of $5.9 million.

This industry's shipments of nonmetallic mineral products n.e.c. (primary products) in 1967 represented 83 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 86 percent. Secondary products shipped by this industry in 1967 consisted mainly of paints and allied products and mineral wool.

Industry 3299 shipments of nonmetallic mineral products, n.e.c. (primary products) in 1967 represented 89 percent (coverage ratio) of these products valued at $87.5 million shipped by all industries. In 1963, the coverage ratio was 96 percent. Another industry shipping nonmetallic minerals, n.e.c. (primary products) was industry 2499, Wood Products, N.E.C.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3299, these establishments accounted for 7 percent of payroll and 7 percent of value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3291.--ABRASIVE PRODUCTS														
1967 Census....	361	165	27.2	197.5	18.9	36.3	119.2	420.7	306.5	725.3	30.4	128.2	91	85
1966 ASM[1].....	(NA)	(NA)	34.9	246.4	23.3	47.7	152.5	619.9	413.0	1,015.6	39.3	161.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	31.7	218.4	20.9	43.3	134.2	535.3	372.3	899.6	21.9	138.5	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	29.3	201.1	19.2	38.8	113.6	473.5	309.6	775.1	16.3	123.4	(NA)	(NA)
1963 Census....	378	149	28.2	187.0	18.6	36.7	107.6	416.4	287.5	704.2	15.5	115.0	70	95
1962 ASM[1].....	(NA)	(NA)	28.5	187.9	18.1	35.2	100.9	398.3	266.6	659.5	12.1	117.2	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	27.1	169.2	16.9	33.2	89.0	357.4	238.2	594.9	14.1	109.7	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	28.0	172.7	18.3	34.7	91.7	354.4	253.4	605.9	16.4	108.6	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	27.4	165.6	18.4	35.9	94.1	351.6	253.9	599.5	20.2	107.6	(NA)	(NA)
1958 Census[2]...	354	130	24.0	127.9	16.0	30.9	75.5	277.7	211.2	490.8	21.1	95.0	83	96
INDUSTRY 3292.--ASBESTOS PRODUCTS														
1967 Census....	138	99	21.3	144.0	16.8	35.0	107.5	308.1	263.9	575.0	18.9	111.0	93	90
1966 ASM[1].....	(NA)	(NA)	22.7	149.6	17.8	37.6	114.0	324.2	281.9	591.1	23.4	113.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	21.0	132.1	16.8	34.7	100.3	300.6	268.3	567.7	27.9	95.3	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	20.4	128.1	16.4	34.9	98.4	300.1	251.7	545.8	20.9	89.8	(NA)	(NA)
1963 Census....	124	84	19.5	118.0	15.7	32.9	89.8	269.1	240.7	509.2	12.4	82.8	95	91
1962 ASM[1].....	(NA)	(NA)	21.8	125.9	17.7	36.6	96.1	268.2	251.4	512.9	13.9	86.9	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	21.7	118.6	17.5	35.9	90.1	269.3	238.8	502.9	9.1	82.6	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	22.4	119.2	18.3	37.4	92.1	279.1	243.7	515.0	18.5	85.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	22.8	119.4	18.6	39.1	92.8	179.6	250.5	522.5	11.1	79.0	(NA)	(NA)
1958 Census[2]...	109	80	21.3	106.4	17.0	35.0	80.4	235.5	216.6	453.5	12.8	70.9	83	96
INDUSTRY 3293.--GASKETS AND INSULATIONS														
1967 Census....	301	123	18.5	115.3	14.1	27.8	76.8	205.5	150.2	352.8	9.2	54.2	82	81
1966 ASM[1].....	(NA)	(NA)	17.6	108.7	13.4	27.9	71.4	203.3	155.7	353.7	10.3	54.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	17.5	102.9	13.3	27.8	69.3	174.1	137.2	310.4	8.0	44.0	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	16.8	100.9	12.8	26.8	63.5	162.8	125.8	297.6	8.7	43.8	(NA)	(NA)
1963 Census....	295	111	16.8	94.4	12.7	25.9	62.3	160.7	117.0	279.2	8.9	40.5	81	78
1962 ASM[1].....	(NA)	(NA)	14.7	79.9	11.0	23.1	49.5	132.2	108.9	238.5	8.2	32.9	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	13.7	73.1	9.9	21.1	43.6	121.2	101.9	222.7	*5.6	30.4	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	13.8	70.7	10.0	21.0	42.5	114.3	95.5	210.4	*8.4	31.6	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	14.4	73.2	10.7	21.8	48.4	122.6	98.9	219.5	*9.4	33.4	(NA)	(NA)
1958 Census[2]...	282	99	13.5	65.1	9.9	19.5	41.5	105.2	83.0	188.7	5.7	30.2	87	69
INDUSTRY 3295.--MINERALS, GROUND OR TREATED														
1967 Census....	504	130	8.9	59.3	7.0	14.4	41.7	149.4	132.4	280.9	23.5	27.3	95	89
1966 ASM[1].....	(NA)	(NA)	8.9	58.3	6.8	14.5	40.7	164.7	127.9	292.1	*21.6	26.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	8.6	52.6	6.6	13.9	37.1	142.4	120.1	263.2	19.4	24.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	7.3	43.9	5.5	11.3	30.5	107.0	104.9	210.8	*10.2	24.4	(NA)	(NA)
1963 Census....	415	97	7.3	41.6	5.7	11.7	29.6	102.1	101.9	204.4	11.9	23.5	94	86
1962 ASM[1].....	(NA)	(NA)	*8.6	*49.0	*6.5	*14.0	*35.2	*128.3	*102.6	*226.3	*21.1	*28.8	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	*8.7	*47.7	*6.6	*14.2	*34.3	*126.7	*104.8	*232.7	*35.5	*25.2	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	*9.3	*50.3	*7.2	*15.2	*36.4	*137.3	*102.0	*236.5	*14.6	*27.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	*8.9	*47.8	*7.0	*14.5	*34.7	*136.7	*107.6	*244.6	*26.6	*24.6	(NA)	(NA)
1958 Census[2]...	424	111	8.3	42.3	6.5	13.5	30.5	115.5	101.5	219.1	9.5	23.1	96	85
INDUSTRY 3296.--MINERAL WOOL														
1967 Census....	116	74	15.1	106.9	12.2	25.5	83.9	247.3	204.4	454.4	27.2	35.3	92	96
1966 ASM[1].....	(NA)	(NA)	16.1	108.9	12.9	27.3	84.3	252.2	214.5	461.0	24.1	40.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	15.4	99.3	12.2	26.1	77.8	227.6	202.1	430.2	16.3	32.3	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	14.9	91.6	11.9	24.7	70.7	216.7	180.1	395.6	18.5	31.5	(NA)	(NA)
1963 Census....	123	67	14.7	92.3	11.6	24.8	69.1	206.8	186.8	391.9	38.0	32.4	90	96
1962 ASM[1].....	(NA)	(NA)	14.8	93.3	11.9	24.8	66.7	212.9	188.4	398.5	15.1	29.1	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	13.5	78.2	10.8	23.0	57.8	186.2	163.6	347.4	13.6	25.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	12.8	70.5	10.3	20.6	51.6	165.2	144.2	307.1	15.3	25.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	13.4	71.6	10.4	22.5	52.6	166.6	144.9	309.0	13.8	26.1	(NA)	(NA)
1958 Census[2]...	102	62	11.9	59.1	9.0	18.7	42.7	133.5	107.5	240.9	10.4	21.3	95	95

See footnotes at end of table.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 3297.--NONCLAY REFRACTORIES													
1967 Census	92	64	9.9	72.1	7.4	14.8	49.5	158.7	149.7	307.1	17.3	87.0	90	88
1966 ASM[1]	(NA)	(NA)	10.3	71.6	8.0	16.3	51.2	172.3	164.4	333.1	15.9	88.9	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	9.5	64.7	7.5	15.4	47.2	155.0	146.4	293.6	17.0	76.9	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	9.1	59.7	7.3	15.0	43.6	143.7	140.4	283.5	10.2	65.9	(NA)	(NA)
1963 Census	93	68	8.6	53.4	6.8	13.5	38.7	129.1	123.1	250.2	9.3	71.3	94	88
1962 ASM[1]	(NA)	(NA)	*7.6	*44.9	*6.0	*11.5	*32.0	*102.9	*94.8	*197.7	*6.3	*62.0	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	*8.1	*46.2	*6.3	*11.9	*33.1	*106.3	*92.3	*199.8	*9.3	*62.7	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	*9.4	*51.1	*7.6	*14.1	*37.7	*118.6	*97.6	*213.4	*7.1	*66.0	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	*9.4	*51.6	*7.6	*14.5	*39.0	*121.4	*95.0	*209.6	*10.0	*60.9	(NA)	(NA)
1958 Census[2]	84	66	8.0	41.2	6.3	11.7	30.4	102.4	73.8	177.6	14.9	46.1	95	89
	INDUSTRY 3299.--NONMETALLIC MINERAL PRODUCTS, N.E.C.													
1967 Census	330	53	5.3	30.6	4.3	8.3	21.1	56.8	43.5	99.9	2.2	11.6	83	89
1966 ASM[1]	(NA)	(NA)	6.4	35.9	5.2	10.7	24.7	68.7	49.1	115.9	*3.4	14.7	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	6.2	32.3	5.1	10.9	23.1	66.1	48.9	114.3	*4.4	12.4	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	5.3	25.9	4.2	8.2	17.9	53.1	46.1	98.5	1.5	10.7	(NA)	(NA)
1963 Census	320	56	5.5	27.1	4.4	8.3	18.2	53.3	43.4	96.2	2.2	11.3	86	96
1962 ASM[1]	(NA)	(NA)	*2.0	*5.6	*1.8	*2.4	*3.7	*18.7	*23.8	*43.1	*1.3	*7.1	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	*1.9	*5.8	*1.6	*3.0	*4.3	*19.8	*26.9	*48.3	*1.5	*7.2	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	*2.2	*11.5	*1.7	*5.7	*5.6	*23.4	*29.1	*52.6	*1.4	*7.3	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	*7.2	*25.1	*6.1	*13.8	*19.0	*42.3	*37.0	*79.9	*1.1	*8.1	(NA)	(NA)
1958 Census[2]	254	51	4.3	17.0	3.4	6.5	11.6	32.0	26.9	58.9	1.2	8.3	85	85

Note: In 1967, 1963, and 1958, the number of companies in industry 3291 was 320, 340, and 317, respectively; in industry 3292: 81, 73, and 69; industry 3293: 288, 282, and 271; industry 3295: 382, 313, and 300; industry 3296: 77, 89, and 74; industry 3297: 59, 51, and 50; industry 3299: 325, 313, and 252.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. * These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3291.--ABRASIVE PRODUCTS								
1967 Census	7,257	.69	1,923	3.28	.42	.69	15,461	.47	11.59
1966 ASM	7,065	.67	2,051	3.20	.41	.65	17,775	.40	13.00
1965 ASM	6,885	.66	2,075	3.10	.41	.66	16,878	.41	12.36
1964 ASM	6,855	.66	2,015	2.93	.40	.66	16,142	.42	12.22
1963 Census	6,637	.66	1,975	2.93	.41	.67	14,782	.45	11.35
1962 ASM	6,954	.63	1,945	2.87	.40	.69	13,977	.47	11.33
1961 ASM	6,237	.62	1,963	2.68	.40	.68	13,170	.47	10.76
1960 ASM	6,179	.65	1,901	2.64	.42	.70	12,679	.49	10.21
1959 ASM	6,053	.67	1,951	2.62	.42	.70	12,855	.47	9.79
1958 Census	5,340	.67	1,934	2.44	.43	.69	11,593	.46	8.99
	INDUSTRY 3292.--ASBESTOS PRODUCTS								
1967 Census	6,763	.79	2,084	3.07	.46	.71	14,470	.47	8.80
1966 ASM	6,606	.78	2,115	3.03	.48	.73	14,310	.46	8.62
1965 ASM	6,286	.80	2,067	2.89	.47	.71	14,305	.44	8.66
1964 ASM	6,263	.80	2,129	2.82	.46	.70	14,676	.43	8.59
1963 Census	6,048	.81	2,089	2.73	.47	.70	13,787	.44	8.18
1962 ASM	5,765	.81	2,068	2.62	.49	.74	12,276	.47	7.32
1961 ASM	5,459	.81	2,044	2.51	.47	.71	12,399	.44	7.51
1960 ASM	5,317	.81	2,048	2.46	.47	.70	12,456	.43	7.47
1959 ASM	5,243	.82	2,106	2.37	.48	.71	12,279	.43	7.14
1958 Census	4,998	.80	2,059	2.30	.48	.71	11,060	.45	6.72

See footnotes at end of table.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3293.--GASKETS AND INSULATIONS								
1967 Census	6,234	.76	1,976	2.76	.43	.75	11,108	.56	7.39
1966 ASM	6,171	.76	2,075	2.56	.44	.75	11,544	.53	7.30
1965 ASM	5,883	.76	2,081	2.49	.44	.77	9,960	.59	6.27
1964 ASM	6,008	.76	2,095	2.37	.42	.76	9,690	.62	6.06
1963 Census	5,613	.75	2,042	2.40	.42	.76	9,553	.59	6.20
1962 ASM	5,441	.75	2,100	2.15	.46	.79	8,999	.60	5.73
1961 ASM	5,328	.72	2,131	2.06	.46	.79	8,830	.60	5.74
1960 ASM	5,123	.72	2,108	2.03	.45	.79	8,280	.62	5.45
1959 ASM	5,090	.75	2,030	2.22	.45	.78	8,526	.60	5.62
1958 Census	4,823	.74	1,965	2.13	.44	.78	7,797	.62	5.39
	INDUSTRY 3295.--MINERALS, GROUND OR TREATED								
1967 Census	6,688	.78	2,067	2.90	.47	.68	16,849	.40	10.39
1966 ASM	6,552	.76	2,135	2.81	.44	.64	18,510	.35	11.36
1965 ASM	6,138	.77	2,112	2.66	.46	.66	16,631	.37	10.22
1964 ASM	5,986	.76	2,040	2.70	.50	.71	14,593	.41	9.48
1963 Census	5,671	.78	2,066	2.52	.50	.70	13,926	.41	8.69
1962 ASM	5,712	.76	2,135	2.52	.45	.67	14,969	.38	9.19
1961 ASM	5,504	.76	2,175	2.40	.45	.66	14,605	.38	8.89
1960 ASM	5,426	.78	2,108	2.40	.43	.64	14,804	.37	9.06
1959 ASM	5,365	.78	2,068	2.40	.44	.64	15,347	.35	9.46
1958 Census	5,092	.78	2,080	2.26	.46	.66	13,917	.37	8.55
	INDUSTYY 3296.--MINERAL WOOL								
1967 Census	7,085	.81	2,093	3.30	.45	.69	16,385	.43	9.71
1966 ASM	6,761	.80	2,124	3.08	.47	.70	15,660	.43	9.23
1965 ASM	6,451	.79	2,137	2.98	.47	.70	14,786	.44	8.73
1964 ASM	6,167	.80	2,081	2.86	.46	.69	14,589	.42	8.77
1963 Census	6,268	.79	2,128	2.79	.48	.71	14,040	.45	8.35
1962 ASM	6,312	.80	2,086	2.69	.47	.71	14,397	.44	8.60
1961 ASM	5,809	.80	2,125	2.52	.47	.70	13,830	.42	8.10
1960 ASM	5,488	.80	2,001	2.51	.47	.70	12,855	.43	8.03
1959 ASM	5,362	.78	2,153	2.34	.47	.70	12,472	.43	7.41
1958 Census	4,968	.76	2,072	2.29	.69	.69	11,216	.44	7.13
	INDUSTRY 3297.--NONCLAY REFRACTORIES								
1967 Census	7,283	.75	1,985	3.35	.49	.72	16,039	.45	10.75
1966 ASM	6,958	.78	2,030	3.15	.49	.71	16,756	.42	10.60
1965 ASM	6,821	.79	2,048	3.06	.50	.72	16,339	.42	10.04
1964 ASM	6,536	.80	2,060	2.91	.50	.71	15,742	.42	9.60
1963 Census	6,226	.79	1,980	2.87	.49	.71	15,065	.41	9.58
1962 ASM	5,887	.78	1,927	2.78	.48	.71	13,480	.44	8.94
1961 ASM	5,727	.78	1,876	2.79	.46	.69	13,176	.43	8.95
1960 ASM	5,447	.81	1,862	2.68	.46	.70	12,648	.43	8.43
1959 ASM	5,501	.81	1,907	2.69	.45	.70	12,932	.43	8.36
1958 Census	5,138	.79	1,843	2.60	.42	.65	12,774	.40	8.78
	INDUSTRY 3299.--NONMETALLIC MINERAL PRODUCTS, N.E.C.								
1967 Census	5,775	.82	1,920	2.54	.44	.74	10,703	.54	6.84
1966 ASM	5,566	.81	2,036	2.31	.42	.73	10,661	.52	6.44
1965 ASM	5,198	.82	2,139	2.13	.43	.71	10,642	.49	6.08
1964 ASM	4,869	.79	1,962	2.18	.47	.73	9,999	.49	6.47
1963 Census	4,952	.80	1,895	2.21	.45	.73	9,740	.51	6.45
1962 ASM	2,769	.87	1,336	1.58	.55	.68	9,226	.30	7.91
1961 ASM	3,085	.83	1,914	1.45	.56	.68	10,588	.29	6.64
1960 ASM	5,119	.76	3,337	.99	.55	.77	10,385	.49	4.12
1959 ASM	3,484	.84	2,271	1.38	.46	.78	5,870	.59	3.07
1958 Census	3,935	.79	1,919	1.77	.46	.74	7,408	.53	4.89

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under $50 thousand.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
3291-- ABRASIVE PRODUCTS													
UNITED STATES	361	165	27.2	197.5	18.9	36.3	119.2	420.7	306.5	725.3	30.4	28.1	416.4
NORTHEAST REGION	150	80	18.4	138.9	12.0	22.9	80.5	270.3	192.8	463.9	16.3	16.4	216.7
NEW ENGLAND DIVISION	50	30	7.4	56.5	4.6	8.8	31.6	108.8	75.8	184.9	7.3	6.0	83.8
MASSACHUSETTS	29	20	6.5	50.8	4.0	7.6	28.1	95.8	63.2	159.4	5.7	5.3	74.8
CONNECTICUT	15	7	.6	4.5	.4	.9	2.6	10.5	11.1	21.4	1.5	.5	6.9
MIDDLE ATLANTIC DIVISION	100	50	11.0	82.3	7.4	14.1	48.9	161.5	117.0	279.0	9.0	10.4	132.9
NEW YORK	48	20	8.2	62.0	5.4	10.0	36.1	122.3	92.0	215.6	7.6	8.0	108.3
NEW JERSEY	22	9	.8	6.2	.6	1.3	3.8	9.9	8.6	18.4	.4	.7	6.9
PENNSYLVANIA	30	21	2.0	14.1	1.4	2.8	9.0	29.3	16.3	44.9	1.0	1.7	18.6
NORTH CENTRAL REGION	158	69	7.6	50.7	5.9	11.4	33.5	132.3	99.4	229.2	13.3	10.6	185.2
EAST NORTH CENTRAL DIVISION	151	66	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	39	18	2.4	15.7	1.9	3.6	10.7	33.3	21.0	53.6	4.2	[2](D)	[2](D)
INDIANA	9	4	.3	1.1	.2	.4	.8	2.8	1.7	4.5	.6	.1	1.3
ILLINOIS	47	20	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	38.8
MICHIGAN	47	21	2.0	14.7	1.4	2.8	8.6	31.0	29.0	59.1	2.4	1.6	21.4
WISCONSIN	9	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	7	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	22	8	.5	2.8	.4	.9	1.9	5.2	6.5	11.7	.4	.4	3.6
SOUTH ATLANTIC DIVISION	9	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	7	3	.3	1.4	.2	.5	1.0	2.5	2.8	5.4	(D)	(D)	(D)
WEST REGION	31	8	.8	5.1	.5	1.1	3.3	12.9	7.8	20.5	.4	.7	10.8
PACIFIC DIVISION	30	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	26	6	.5	3.5	.3	.7	2.0	8.7	5.4	13.9	.3	[2](D)	[2](D)
3292-- ASBESTOS PRODUCTS													
UNITED STATES	138	99	21.3	144.0	16.8	35.0	107.5	308.1	263.9	575.0	18.9	19.5	269.1
NORTHEAST REGION	46	33	9.5	66.0	7.4	15.2	49.4	126.2	101.8	230.3	5.3	8.7	107.7
NEW ENGLAND DIVISION	14	11	2.8	20.0	2.1	4.4	15.3	34.6	25.9	60.8	.9	2.2	24.5
NEW HAMPSHIRE	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	8	5	.4	2.8	.3	.7	2.1	5.5	5.1	10.8	.3	.2	2.8
CONNECTICUT	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	32	22	6.7	46.0	5.2	10.7	34.1	91.6	75.9	169.5	4.4	6.5	83.2
NEW YORK	8	5	2.0	12.7	1.6	3.2	9.8	27.2	26.0	52.5	1.8	1.6	16.2
NEW JERSEY	14	10	2.4	17.2	2.0	4.1	13.5	35.1	31.9	68.5	1.8	2.8	41.5
PENNSYLVANIA	10	7	2.4	16.2	1.7	3.4	10.7	29.4	18.0	48.5	.8	2.1	25.6
NORTH CENTRAL REGION	38	25	4.5	31.8	3.5	7.4	23.4	70.3	67.0	136.2	2.7	4.4	66.0
EAST NORTH CENTRAL DIVISION	32	21	4.1	28.6	3.1	6.7	21.0	62.5	60.2	122.2	(D)	4.0	58.7
OHIO	8	6	.7	4.8	.5	1.1	3.2	8.8	11.2	20.4	.2	[2](D)	[2](D)
INDIANA	5	5	.8	5.0	.6	1.2	3.3	7.9	5.6	14.0	.4	1.0	8.7
ILLINOIS	12	10	2.5	18.5	2.0	4.3	14.4	44.5	43.0	86.2	1.9	2.5	43.9
WEST NORTH CENTRAL DIVISION	6	4	.5	3.1	.4	.7	2.4	7.8	6.8	14.0	(D)	.5	7.4
MISSOURI	4	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	34	25	5.1	30.4	4.3	8.9	23.3	73.8	56.2	130.2	6.9	4.5	53.9
SOUTH ATLANTIC DIVISION	18	11	2.7	14.8	2.3	4.8	11.7	34.8	21.5	56.3	4.6	(D)	(D)
VIRGINIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	4	4	.3	2.2	.3	.5	1.6	5.9	5.1	11.3	.4	(D)	(D)
ALABAMA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	12	10	2.1	13.3	1.7	3.6	10.0	33.1	29.5	62.7	1.9	(D)	(D)
LOUISIANA	5	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	12.4
TEXAS	7	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	18.1
WEST REGION	20	16	2.1	15.9	1.6	3.5	11.4	37.8	38.9	78.3	4.0	1.9	41.3
PACIFIC DIVISION	19	16	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	18	16	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.9	41.3

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3293-- GASKETS AND INSULATIONS													
UNITED STATES	301	123	18.5	115.3	14.1	27.8	76.8	205.5	150.2	352.8	9.2	16.8	160.7
NORTHEAST REGION	94	35	5.2	35.2	4.0	8.2	24.5	67.5	44.8	111.5	2.2	5.2	54.7
NEW ENGLAND DIVISION	16	8	1.1	6.7	.8	1.6	4.1	13.2	8.8	21.6	.4	.9	9.2
MASSACHUSETTS	11	4	.5	3.4	.4	.8	2.0	8.5	5.3	13.8	.3	.5	5.0
CONNECTICUT	5	4	.6	3.3	.4	.8	2.1	4.7	3.4	7.9	.1	.5	4.2
MIDDLE ATLANTIC DIVISION	78	27	4.1	28.5	3.2	6.6	20.4	54.3	36.0	89.8	1.8	4.3	45.5
NEW YORK	33	8	.5	3.1	.4	.8	1.8	7.1	9.0	16.0	.1	.5	4.3
NEW JERSEY	23	10	2.3	17.0	1.8	3.8	12.6	31.1	15.6	46.2	.9	2.3	27.1
PENNSYLVANIA	22	9	1.3	8.4	1.0	2.1	5.9	16.0	11.4	27.6	.7	1.5	14.1
NORTH CENTRAL REGION	120	52	9.3	57.0	7.0	13.4	37.2	97.4	75.4	171.2	4.9	8.9	83.0
EAST NORTH CENTRAL DIVISION	103	47	9.1	55.8	6.8	13.1	36.5	94.7	72.6	165.7	4.8	8.7	81.0
OHIO	23	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	9.0
INDIANA	9	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	10.5
ILLINOIS	42	18	5.5	34.3	3.9	7.3	21.9	57.9	38.0	94.1	2.9	5.4	49.7
MICHIGAN	20	11	1.3	8.1	1.0	1.9	5.4	14.7	15.2	30.1	.9	1.0	10.2
WISCONSIN	9	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.5
WEST NORTH CENTRAL DIVISION	17	5	.2	1.2	.2	.3	.7	2.6	2.8	5.5	.1	.3	2.0
SOUTH REGION	47	22	2.4	12.4	2.0	3.9	8.6	23.8	18.8	42.3	.7	1.5	11.6
SOUTH ATLANTIC DIVISION	11	5	.7	3.1	.6	1.0	2.1	5.1	3.2	8.2	.3	(D)	(D)
VIRGINIA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	8	3	.3	1.6	.3	.6	1.0	3.4	5.3	8.6	.1	(D)	(D)
TENNESSEE	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	28	14	1.4	7.8	1.1	2.3	5.4	15.3	10.3	25.5	.3	(D)	(D)
TEXAS	24	11	1.2	6.9	1.0	2.0	4.9	13.8	9.2	22.8	.3	.5	5.0
WEST REGION	40	14	1.6	10.8	1.1	2.4	6.5	16.8	11.2	27.8	1.3	1.1	11.5
PACIFIC DIVISION	35	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	30	13	1.5	10.5	1.1	2.3	6.2	16.2	10.6	26.7	(D)	1.1	11.3
3295-- MINERALS, GROUND OR TREATED													
UNITED STATES	504	130	8.9	59.3	7.0	14.4	41.7	149.4	132.4	280.9	23.5	7.3	102.1
NORTHEAST REGION	99	30	2.0	14.0	1.5	3.2	9.5	35.7	28.3	63.0	3.8	1.9	23.2
MIDDLE ATLANTIC DIVISION	89	29	1.9	13.2	1.4	3.0	9.0	33.5	27.3	60.0	3.6	1.7	21.9
NEW YORK	14	6	.3	2.1	.2	.6	1.7	6.1	2.6	8.6	(D)	.3	3.1
NEW JERSEY	28	7	.6	4.1	.4	.8	2.3	9.4	10.6	19.4	(D)	.5	7.1
PENNSYLVANIA	47	16	1.0	7.0	.8	1.7	5.0	18.0	14.1	32.0	2.3	1.0	11.7
NORTH CENTRAL REGION	131	36	2.2	16.7	1.7	3.6	11.4	44.0	38.9	82.6	4.1	1.7	25.4
EAST NORTH CENTRAL DIVISION	94	31	1.9	14.8	1.5	3.1	10.0	38.9	33.3	71.9	2.7	1.6	22.7
OHIO	32	12	.7	5.7	.6	1.3	4.3	14.2	5.5	19.7	.9	.5	6.8
INDIANA	8	3	.2	1.9	.2	.4	1.4	4.7	1.9	6.6	(D)	.1	2.0
ILLINOIS	25	9	.5	3.6	.4	.7	2.0	8.5	10.7	19.2	.4	.6	7.1
MICHIGAN	18	5	.3	2.4	.3	.5	1.7	8.2	12.0	20.1	.7	.2	4.5
WISCONSIN	11	2	.2	1.2	.1	.2	.6	3.3	3.2	6.3	(D)	.2	2.3
WEST NORTH CENTRAL DIVISION	37	5	.3	1.9	.2	.5	1.4	5.1	5.6	10.7	1.4	.1	2.6
SOUTH REGION	153	44	3.1	18.5	2.5	5.4	13.4	44.0	45.3	89.6	9.1	2.5	32.8
SOUTH ATLANTIC DIVISION	58	17	1.3	8.2	1.0	2.1	5.8	17.4	15.5	32.8	3.4	1.1	13.1
MARYLAND	7	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.1
NORTH CAROLINA	15	2	.2	1.1	.2	.3	.7	1.9	2.3	4.1	.3	.2	2.1
GEORGIA	6	4	.4	2.6	.3	.6	1.7	4.9	6.4	11.3	1.4	.4	5.3
EAST SOUTH CENTRAL DIVISION	34	13	.7	3.6	.5	1.1	2.7	11.4	7.9	19.2	1.1	.6	8.7
ALABAMA	18	8	.4	1.8	.3	.6	1.4	6.2	3.7	9.8	.8	.3	4.0
WEST SOUTH CENTRAL DIVISION	61	14	1.1	6.7	.9	2.1	4.9	15.3	21.9	37.6	4.6	.8	11.1
TEXAS	47	11	.9	5.4	.7	1.7	4.0	11.3	13.8	25.4	4.4	.5	5.8
WEST REGION	122	21	1.6	10.5	1.3	2.3	7.7	26.4	20.1	46.7	6.7	1.3	20.7
MOUNTAIN DIVISION	34	6	.4	2.2	.3	.6	1.8	7.4	5.1	12.4	(D)	.3	4.7
PACIFIC DIVISION	87	14	1.2	7.9	.9	1.7	5.7	18.3	14.7	33.3	(D)	1.0	16.0
CALIFORNIA	53	11	.9	6.2	.7	1.3	4.4	15.2	11.9	27.0	5.8	.9	14.9

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
3296-- MINERAL WOOL													
UNITED STATES	116	74	15.1	106.9	12.2	25.5	83.9	247.3	204.4	454.4	27.2	14.7	206.8
NORTHEAST REGION	31	18	3.0	20.4	2.3	4.8	15.5	49.7	40.7	90.8	6.6	(D)	(D)
MIDDLE ATLANTIC DIVISION	26	17	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.4	36.3
NEW YORK	8	3	.2	1.0	.1	.3	.7	3.9	2.8	6.7	(D)	.1	1.0
NEW JERSEY	9	9	2.0	14.0	1.5	3.2	10.7	30.8	31.7	62.3	(D)	1.5	23.1
PENNSYLVANIA	9	5	.7	4.8	.6	1.2	3.6	14.4	5.3	20.2	2.5	.8	12.2
NORTH CENTRAL REGION	44	31	8.6	62.1	7.1	15.0	50.5	127.9	116.7	246.4	14.9	8.4	105.8
EAST NORTH CENTRAL DIVISION	31	22	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	10	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
INDIANA	11	9	1.9	12.5	1.5	3.4	9.7	24.8	21.2	45.6	(D)	1.8	18.5
ILLINOIS	5	3	.2	1.0	.1	.2	.6	1.9	2.5	4.5	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	13	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	26	16	2.1	14.1	1.7	3.5	10.2	44.7	28.5	74.0	3.9	(D)	(D)
SOUTH ATLANTIC DIVISION	9	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	8	6	.4	2.3	.3	.6	1.5	5.1	3.9	9.1	.3	.5	5.3
ALABAMA	3	3	.3	1.6	.2	.5	1.1	3.8	2.2	6.0	.3	.2	3.1
WEST SOUTH CENTRAL DIVISION	9	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.7
TEXAS	8	5	.6	3.9	.4	1.0	2.8	9.4	9.5	19.4	(D)	[2](D)	[2](D)
WEST REGION	15	9	1.4	10.3	1.1	2.3	7.8	25.0	18.5	43.3	1.7	(D)	(D)
PACIFIC DIVISION	14	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.0	34.1
CALIFORNIA	12	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3297-- NONCLAY REFRACTORIES													
UNITED STATES	92	64	9.9	72.1	7.4	14.8	49.5	158.7	149.7	307.1	17.3	8.6	129.1
NORTHEAST REGION	34	28	4.5	33.2	3.2	6.3	21.2	60.2	57.7	115.7	7.0	3.6	44.0
MIDDLE ATLANTIC DIVISION	30	25	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.4	41.6
NEW YORK	4	3	.8	5.9	.5	.9	3.1	9.9	8.8	18.5	(D)	.6	9.6
NEW JERSEY	4	3	.8	6.6	.5	1.1	3.6	11.3	12.5	23.8	.6	.8	8.9
PENNSYLVANIA	22	19	2.7	19.6	2.1	4.2	13.8	37.0	35.5	70.5	2.0	2.0	23.1
NORTH CENTRAL REGION	34	25	2.9	21.1	2.2	4.3	14.6	56.3	50.9	107.8	4.5	2.0	37.4
EAST NORTH CENTRAL DIVISION	34	25	2.9	21.1	2.2	4.3	14.6	56.3	50.9	107.8	4.5	2.0	37.4
OHIO	17	12	1.7	12.5	1.2	2.5	8.2	35.8	28.8	64.5	3.0	1.0	15.5
INDIANA	6	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	14.4
ILLINOIS	5	4	.3	2.0	.3	.5	1.6	4.1	4.5	8.7	.3	[2](D)	[2](D)
MICHIGAN	4	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	14	8	2.1	15.4	1.8	3.6	12.0	33.8	33.5	67.3	5.7	2.5	39.4
SOUTH ATLANTIC DIVISION	6	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	6	4	1.1	8.2	.9	1.9	6.4	16.5	14.4	30.5	4.8	(D)	(D)
KENTUCKY	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	10	3	.3	2.3	.3	.5	1.7	8.3	7.6	16.2	.1	.5	8.3
PACIFIC DIVISION	7	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	6	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3299-- NONMETALLIC MINERAL PRODUCTS, NEC													
UNITED STATES	330	53	5.3	30.6	4.3	8.3	21.1	56.8	43.5	99.9	2.2	5.5	53.3
NORTHEAST REGION	104	21	2.6	15.9	2.0	3.8	10.2	28.7	21.1	49.5	1.0	(D)	(D)
NEW ENGLAND DIVISION	15	3	.6	2.9	.5	.9	1.9	5.4	5.1	10.3	.2	(D)	(D)
NEW HAMPSHIRE	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	11	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	89	18	2.0	13.0	1.5	3.0	8.2	23.3	16.0	39.2	.8	1.9	19.8
NEW YORK	57	9	1.4	9.7	1.0	2.0	5.8	18.2	12.0	29.9	.7	1.1	12.6
NEW JERSEY	21	5	.3	1.5	.3	.5	1.2	2.9	1.3	4.2	(Z)	.4	4.1
PENNSYLVANIA	11	4	.3	1.8	.2	.4	1.2	2.3	2.7	5.2	.1	.4	3.2

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3299-- NONMETALLIC MINERAL PRODUCTS, NEC--CONTINUED													
NORTH CENTRAL REGION	88	14	1.3	7.9	1.2	2.3	6.1	15.4	11.8	26.9	.5	1.5	14.9
EAST NORTH CENTRAL DIVISION	62	11	1.2	7.1	1.0	2.1	5.5	14.2	11.1	25.0	.5	1.3	13.9
OHIO[e]	18	4	.4	2.3	.4	.7	1.7	5.7	3.3	9.0	.2	.5	5.4
ILLINOIS	25	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	6.7
WEST NORTH CENTRAL DIVISION[e]	26	3	.2	.8	.1	.2	.6	1.2	.7	2.0	(Z)	.1	1.1
SOUTH REGION	58	11	.9	3.9	.8	1.5	2.8	7.9	5.2	13.1	.4	(D)	(D)
SOUTH ATLANTIC DIVISION	27	9	.7	2.6	.6	1.1	2.0	5.3	3.3	8.5	(D)	(D)	(D)
VIRGINIA	5	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	4	2	.2	.7	.2	.4	.6	1.5	1.2	2.7	(Z)	[2](D)	[2](D)
WEST REGION	80	7	.5	3.0	.4	.7	2.0	4.8	5.5	10.3	.3	(D)	(D)
PACIFIC DIVISION	64	6	.4	2.5	.3	.6	1.6	3.9	4.9	8.8	.2	.5	6.1
CALIFORNIA	55	6	.4	2.4	.3	.6	1.5	3.7	4.7	8.4	(D)	.4	5.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Abrasive products (SIC 3291)	Asbestos products (SIC 3292)	Gaskets and insulations (SIC 3293)	Minerals, ground or treated (SIC 3295)	Mineral wool (SIC 3296)	Nonclay refractories (SIC 3297)	Nonmetallic mineral products, n.e.c. (SIC 3299)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	.91	.93	.83	.96	.92	.90	.82
COVERAGE RATIO[2]	.85	.90	.81	.89	.95	.88	.89
ESTABLISHMENTS, TOTAL .NUMBER	361	138	301	504	116	92	330
WITH 1 TO 19 EMPLOYEES .DO	196	39	178	374	42	28	277
WITH 20 TO 99 EMPLOYEES .DO	117	37	86	117	42	31	41
WITH 100 EMPLOYEES OR MORE .DO	48	62	37	13	32	33	12
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	27.2	21.3	18.5	8.9	15.1	9.9	5.3
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	197.5	144.0	115.3	59.3	106.9	72.1	30.6
PRODUCTION WORKERS:							
AVERAGE FOR YEAR 1,000	18.9	16.8	14.1	7.0	12.2	7.4	4.3
MARCH .DO	19.1	17.0	14.5	7.0	11.9	7.8	4.3
MAY .DO	18.6	16.5	13.8	7.0	12.3	7.5	4.3
AUGUST .DO	19.1	17.2	14.3	7.1	12.3	7.1	4.3
NOVEMBER .DO	18.7	16.6	13.7	7.0	12.2	7.4	4.3
MAN-HOURS .MILLIONS	36.3	35.0	27.8	14.4	25.5	14.8	8.3
JANUARY-MARCH .DO	9.4	8.8	7.1	3.5	6.0	3.8	2.1
APRIL-JUNE .DO	9.1	8.8	6.9	3.6	6.4	3.8	2.0
JULY-SEPTEMBER .DO	8.6	8.8	6.9	3.7	6.5	3.5	2.0
OCTOBER-DECEMBER .DO	9.2	8.7	7.0	3.6	6.5	3.7	2.1
WAGES MILLION DOLLARS	119.2	107.5	76.8	41.7	83.9	49.5	21.1
COST OF MATERIALS, ETC., TOTAL .DO	306.5	263.9	150.2	132.4	204.4	149.7	43.5
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	263.8	228.1	129.3	102.0	171.1	129.9	37.4
COST OF RESALES .DO	28.7	23.3	14.5	14.6	11.3	7.7	3.6
FUELS CONSUMED .DO	4.5	4.6	2.6	7.7	13.5	8.1	1.5
PURCHASED ELECTRIC ENERGY .DO	6.5	6.3	2.1	4.8	7.4	4.0	.8
CONTRACT WORK .DO	3.0	1.7	1.7	3.4	1.0	(Z)	.2
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	725.3	575.0	352.8	280.9	454.4	307.1	99.9
VALUE OF RESALES .DO	35.7	31.3	17.9	17.9	14.2	9.6	4.5
VALUE ADDED BY MANUFACTURE .DO	420.7	308.1	205.5	149.4	247.3	158.7	56.8
MANUFACTURERS' INVENTORIES:							
BEGINNING OF YEAR, TOTAL .DO	125.8	115.8	50.7	25.8	38.9	88.6	12.5
FINISHED PRODUCTS .DO	54.9	70.2	20.7	12.3	20.1	39.3	3.6
WORK IN PROCESS .DO	31.4	15.1	10.2	3.5	2.0	6.4	2.9
MATERIALS, SUPPLIES, FUEL, ETC. .DO	39.5	30.6	19.8	10.0	16.8	42.9	6.0
END OF YEAR, TOTAL .DO	128.2	111.0	54.2	27.3	35.3	87.0	11.6
FINISHED PRODUCTS .DO	56.5	67.3	22.5	13.4	17.2	40.4	4.2
WORK IN PROCESS .DO	31.7	15.0	11.3	3.3	2.1	6.6	2.7
MATERIALS, SUPPLIES, FUEL, ETC. .DO	40.1	28.7	20.4	10.6	15.9	40.0	4.7
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	32.4	19.9	9.9	26.0	27.4	17.7	2.4
NEW PLANT AND EQUIPMENT, TOTAL .DO	30.4	18.9	9.2	23.5	27.2	17.3	2.2
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	8.5	3.0	2.3	5.1	6.0	5.8	.6
NEW MACHINERY AND EQUIPMENT .DO	21.9	15.9	6.9	18.4	21.1	11.5	1.5
USED PLANT AND EQUIPMENT .DO	2.0	1.0	.7	2.0	.2	.4	.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: -Represents zero. (X) Not applicable. NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under $50 thousand.

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3291-- ABRASIVE PRODUCTS											
ESTABLISHMENTS, TOTAL	36.1	27.2	197.5	18.9	36.3	119.2	420.7	306.5	725.3	30.4	128.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	101	.2	1.1	.2	.2	.6	4.1	2.7	6.7	1.4	.9
5 TO 9 EMPLOYEES	37	.2	1.7	.2	.4	1.0	3.5	3.0	6.5	.2	.7
10 TO 19 EMPLOYEES	58	.8	5.6	.6	1.2	3.3	11.0	11.7	22.4	.8	2.9
20 TO 49 EMPLOYEES	80	2.5	16.6	1.9	3.8	10.4	35.9	40.0	74.6	2.5	10.4
50 TO 99 EMPLOYEES	37	2.6	17.3	1.9	4.0	10.7	37.5	31.3	68.6	2.2	10.2
100 TO 249 EMPLOYEES	28	4.1	26.3	3.0	6.1	16.7	58.0	53.6	110.8	6.3	17.5
250 TO 499 EMPLOYEES	11	4.0	30.5	3.0	6.0	20.7	76.0	32.1	107.8	4.9	16.7
500 TO 999 EMPLOYEES	4	2.3	15.1	1.6	3.1	10.3	37.8	37.3	74.7	1.3	10.3
1,000 TO 2,499 EMPLOYEES	3	10.5	83.2	6.4	11.4	45.4	94.8	156.9	253.1	10.7	58.7
2,500 EMPLOYEES OR MORE	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1] [e]	105	.2	1.2	.2	.3	.7	3.2	2.7	5.9	.3	.8
3292-- ASBESTOS PRODUCTS											
ESTABLISHMENTS, TOTAL	138	21.3	144.0	16.8	35.0	107.5	308.1	263.9	575.0	18.9	111.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	20	(Z)	.2	(Z)	.1	.1	.4	.3	.6	3.2	.1
5 TO 9 EMPLOYEES[e]	7	(Z)	.3	(Z)	.1	.2	.5	.4	.9	(D)	.1
10 TO 19 EMPLOYEES	12	.2	1.0	.1	.2	.6	2.4	1.8	4.2	(D)	.4
20 TO 49 EMPLOYEES[e]	14	.4	2.6	.3	.6	1.7	5.0	6.2	11.3	(D)	1.8
50 TO 99 EMPLOYEES	23	1.7	10.0	1.4	2.7	7.3	19.4	20.6	40.6	1.1	8.8
100 TO 249 EMPLOYEES	36	5.6	36.9	4.4	9.4	26.9	84.2	82.5	169.3	4.2	33.8
250 TO 499 EMPLOYEES	18	6.1	42.2	4.9	10.4	32.6	98.2	88.8	186.4	6.6	37.7
500 TO 999 EMPLOYEES	6	7.3	50.8	5.6	11.5	38.2	97.9	63.4	161.7	3.9	28.2
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3293-- GASKETS AND INSULATIONS											
ESTABLISHMENTS, TOTAL	301	18.5	115.3	14.1	27.8	76.8	205.5	150.2	352.8	9.2	54.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	79	.1	.8	.1	.2	.6	2.0	1.7	3.7	(Z)	.4
5 TO 9 EMPLOYEES	45	.3	2.0	.2	.4	1.2	3.6	4.0	7.5	.1	.8
10 TO 19 EMPLOYEES	54	.8	4.6	.6	1.1	2.8	9.3	9.6	18.9	.3	1.9
20 TO 49 EMPLOYEES	54	1.7	10.0	1.2	2.5	6.1	21.4	21.5	42.4	1.5	4.9
50 TO 99 EMPLOYEES	32	2.3	14.3	1.7	3.4	8.6	28.4	25.9	53.9	1.4	7.4
100 TO 249 EMPLOYEES	21	3.2	19.8	2.5	5.1	13.5	36.2	30.5	66.1	1.8	9.8
250 TO 499 EMPLOYEES	11	5.5	34.4	4.4	8.9	24.2	53.9	33.4	87.7	2.5	12.0
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	3	4.6	29.3	3.3	6.3	19.9	50.7	23.6	72.5	1.5	17.1
ESTABS. COVERED BY ADMIN. RECORDS[1] [e]	86	.2	1.1	.2	.3	.7	2.4	2.1	4.6	.1	.5
3295-- MINERALS, GROUND OR TREATED											
ESTABLISHMENTS, TOTAL	504	8.9	59.3	7.0	14.4	41.7	149.4	132.4	280.9	23.5	27.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	178	.3	1.9	.3	.5	1.4	4.9	4.4	9.4	2.0	.9
5 TO 9 EMPLOYEES	80	.5	3.6	.4	.9	2.4	9.3	9.1	18.3	1.3	1.9
10 TO 19 EMPLOYEES	116	1.6	10.0	1.2	2.4	6.8	23.8	26.0	49.8	6.6	4.2
20 TO 49 EMPLOYEES	88	2.6	17.7	2.1	4.5	12.9	32.4	46.4	78.8	4.8	7.0
50 TO 99 EMPLOYEES	29	1.9	12.8	1.5	3.1	9.1	29.7	21.2	50.3	4.8	4.8
100 TO 249 EMPLOYEES	13	1.8	13.3	1.5	3.0	9.2	39.3	36.3	74.2	4.0	8.6
ESTABS. COVERED BY ADMIN. RECORDS[1] [e]	146	.2	1.4	.2	.4	1.0	3.4	2.8	6.2	.9	.8
3296-- MINERAL WOOL											
ESTABLISHMENTS, TOTAL	116	15.1	106.9	12.2	25.5	83.9	247.3	204.4	454.4	27.2	35.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	23	(Z)	.2	(Z)	(Z)	.1	.4	.4	.7	.4	.1
5 TO 9 EMPLOYEES[e]	7	.1	.3	(Z)	.1	.2	.6	.6	1.2	(Z)	.1
10 TO 19 EMPLOYEES	12	.2	.8	.1	.2	.5	2.0	3.9	6.1	.1	.4
20 TO 49 EMPLOYEES	24	.8	4.6	.6	1.1	3.0	10.2	10.2	20.5	.7	1.9
50 TO 99 EMPLOYEES	18	1.4	8.9	1.1	2.2	6.0	19.7	15.9	35.3	.7	2.6
100 TO 249 EMPLOYEES	18	3.2	21.4	2.6	5.6	16.5	54.6	36.8	91.9	11.0	7.9
250 TO 499 EMPLOYEES	7	2.3	17.0	1.9	4.0	12.9	34.9	26.7	62.6	14.1	4.7
500 TO 999 EMPLOYEES	4	7.2	53.6	5.9	12.1	44.7	125.1	109.9	236.1	(D)	17.5
1,000 TO 2,499 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3297-- NONCLAY REFRACTORIES											
ESTABLISHMENTS, TOTAL	92	9.9	72.1	7.4	14.8	49.5	158.7	149.7	307.1	17.3	87.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	17	(Z)	.2	(Z)	(Z)	.2	.6	.4	.9	3.2	.2
5 TO 9 EMPLOYEES[e]	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	10	.1	1.1	.1	.2	.8	3.3	4.3	7.9	(D)	.9
20 TO 49 EMPLOYEES	16	.5	4.0	.4	.8	2.5	10.4	11.1	21.5	(D)	2.6
50 TO 99 EMPLOYEES	15	1.0	7.3	.8	1.5	5.2	14.4	14.1	28.4	1.4	9.4
100 TO 249 EMPLOYEES	21	3.4	24.3	2.5	5.1	16.7	60.5	51.9	111.0	5.2	33.4
250 TO 499 EMPLOYEES	9	3.2	22.7	2.5	4.7	16.1	44.1	43.7	87.3	6.1	27.0
500 TO 999 EMPLOYEES	3	1.6	12.4	1.1	2.4	8.0	25.5	24.3	50.1	1.4	13.5
ESTABS. COVERED BY ADMIN. RECORDS [1]	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3299-- NONMETALLIC MINERAL PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL	330	5.3	30.6	4.3	8.3	21.1	56.8	43.5	99.9	2.2	11.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	179	.3	1.4	.3	.4	.8	3.2	2.3	5.4	.1	.5
5 TO 9 EMPLOYEES[e]	59	.4	2.2	.4	.6	1.3	3.6	2.6	6.2	.1	.6
10 TO 19 EMPLOYEES	39	.5	2.9	.4	.8	2.0	6.8	3.8	10.6	.4	.9
20 TO 49 EMPLOYEES	25	.7	4.3	.6	1.2	3.2	5.8	4.8	10.6	.2	1.1
50 TO 99 EMPLOYEES	16	1.0	5.2	.9	1.7	4.0	10.9	7.1	17.9	.4	1.3
100 TO 249 EMPLOYEES	9	1.2	6.3	1.0	1.9	4.4	11.3	8.1	19.6	.3	2.8
250 TO 499 EMPLOYEES	3	1.1	8.4	.8	1.7	5.2	15.2	14.9	29.6	.8	4.4
ESTABS. COVERED BY ADMIN. RECORDS [1] [e]	190	.5	2.1	.5	.7	1.3	4.1	3.0	7.0	(Z)	.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e] Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1] Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3291	Abrasive products....1967..	725.3	625.4	59.9	40.0	91	734.2	625.4	108.8	85
	1963..	704.2	541.3	(D)	(D)	70	572.2	541.3	31.0	95
3292	Asbestos products....1967..	575.0	506.6	36.8	31.6	93	564.6	506.6	58.0	90
	1963..	509.2	458.5	24.4	26.4	95	506.1	458.5	47.6	91
3293	Gaskets and insulations....1967..	352.8	276.4	57.1	19.3	83	340.5	276.4	64.1	81
	1963..	279.2	205.6	48.0	25.6	81	262.2	205.6	56.6	78
3295	Minerals, ground or treated....1967..	280.9	240.9	11.0	29.0	96	270.7	240.9	29.8	89
	1963..	204.4	175.4	10.9	18.1	94	203.1	175.4	27.7	86
3296	Mineral wool....1967..	454.4	404.9	35.2	14.4	92	425.0	404.9	20.1	95
	1963..	391.9	342.4	36.6	12.9	90	356.0	342.4	13.6	96
3297	Nonclay refractories....1967..	307.1	266.4	30.9	9.9	90	302.6	266.4	36.2	88
	1963..	250.2	225.5	15.3	9.3	94	256.8	225.5	31.3	88
3299	Nonmetallic products, n.e.c....1967..	99.9	77.5	16.4	5.9	82	87.5	77.6	9.9	89
	1963..	96.2	79.7	12.9	3.6	86	83.0	79.7	3.3	96

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry and miscellaneous receipts	All industries	Abrasive products (SIC 3291)	Other industries
	Total shipments and miscellaneous receipts,....	(X)	725.3	(X)
3291-32911	Abrasive products....	734.2	624.4	108.8
	Nonmetallic artificial (synthetic sized grains, powders, and flour abrasives (including graded products)....	101.5	76.7	24.8
32912	Nonmetallic bonded abrasive products including diamond abrasives....	308.8	290.7	18.1
32913	Nonmetallic coated abrasive products and buffing wheels, polishing wheels and caps.....	225.4	(100-200)	(50-100)
32914	Metal abrasives, including scouring pads....	75.0	(50-100)	(5-10)
32910	Abrasive products, n.s.k.....	23.5	(20-50)	(2-5)
	Other product shipments by 4-digit product group			
2261-	Cotton broadwoven fabric finishing....	(X)	(over 2)	(X)
2641-	Coated and glazed paper.....	(X)	(over 2)	(X)
2842-	Polishes and sanitation goods...	(X)	(over 2)	(X)
	Other product shipments by 4-digit product group--Con.			
3297-	Nonclay refractories....	(X)	(10-20)	(X)
3313-	Electrometallurgical products....	(X)	(2-5)	(X)
3541-	Machine tools, metal-cutting types....	(X)	(5-10)	(X)
	Other secondary products.....	(X)	8.7	(X)
	Miscellaneous receipts.....	(X)	40.0	(X)
93000	Commission receipts.....	(X)	3.1	(X)
99989	Resales.....	(X)	35.7	(X)
99980	Other miscellaneous receipts...	(X)	1.2	(X)
	Listing of the other industries with over $2 million shipments of the primary products			
3291-	2641 Paper coating and glazing..	(X)	(X)	(over 2)
3291-	3297 Nonclay refractories.....	(X)	(X)	(over 2)
3291-	3531 Construction machinery.....	(X)	(X)	(over 2)
3291-	3541 Machine tools, metal-cutting types.....	(X)	(X)	10.2
3291-	3545 Machine tool accessories...	(X)	(X)	26.7
3291-	3559 Special industry machinery n.e.c.....	(X)	(X)	(5-10)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product code	Class of products, industry and miscellaneous receipts	All industries	Asbestos products (SIC 3292)	Other industries
	Total shipments and miscellaneous receipts	X	575.0	X
3292-	Asbestos products	564.6	506.6	58.0
32922	Asbestos friction materials	144.4	100-200	10-20
32924	Asbestos-cement shingles and clapboard	24.0	24.0	-
32925	Asphalt floor tile	25.0	(20-50)	(over 2)
32926	Vinyl asbestos floor tile	153.5	100-200	(over 2)
32927	Asbestos textiles and other asbestos and asbestos-cement products	214.1	182.4	31.7
32920	Asbestos products, n.s.k.	3.6	3.6	-
	Other product shipments by 4-digit product group			
2241-	Narrow fabrics	(X)	(over 2)	(X)
2891-	Adhesives and gelatin	(X)	2.4	(X)
3069-	Fabricated rubber products, n.e.c.	(X)	(over 2)	(X)
3079-	Miscellaneous plastics products	(X)	9.7	(X)
3293-	Gaskets and insulations	(X)	(10-20)	(X)
	Other secondary products	(X)	5.9	(X)
	Miscellaneous receipts	(X)	31.6	(X)
93000	Commission receipts	(X)	.1	(X)
99989	Resales	(X)	31.3	(X)
99980	Other miscellaneous receipts	(X)	.2	(X)
	Listing of the other industries with over $2 million shipments of the primary products			
3292-	2952 Asphalt felts and coatings	(X)	(X)	20.6
3292-	3079 Miscellaneous plastics products	(X)	(X)	(over 2)
3292-	3293 Gaskets and insulations	(X)	(X)	13.8
3292-	3996 Hard surface floor coverings	(X)	(X)	(over 2)

Product code	Class of products, industry and miscellaneous receipts	All industries	Gaskets and insulations (SIC 3293)	Other industries
	Total shipments and miscellaneous receipts	(X)	352.8	(X)
3293-	Gaskets and insulations	340.5	276.4	64.1
32932	Gaskets, all types	248.7	201.3	47.4
32933	Packing (except leather, rubber, and metal) and asbestos insulations	63.2	47.0	16.2
32930	Gaskets and insulations, n.s.k.	28.6	28.1	.5
	Other product shipments by 4-digit product group			
3069-	Fabricated rubber products, n.e.c.	(X)	16.6	(X)
3079-	Miscellaneous plastics products	(X)	2.7	(X)
3292-	Asbestos products	(X)	13.8	(X)
3296-	Mineral wool	(X)	2.5	(X)
3599-	Miscellaneous machinery, except electrical	(X)	(5-10)	(X)
3729-	Aircraft equipment, n.e.c.	(X)	(over 2)	(X)
	Other secondary products	(X)	5.9	(X)
	Miscellaneous receipts	(X)	19.3	(X)
93000	Commission receipts	(X)	.7	(X)
99989	Resales	(X)	17.9	(X)
99980	Other miscellaneous receipts	(X)	.7	(X)
	Listing of the other industries with over $2 million shipments of the primary products			
3293-	2899 Chemical preparations, n.e.c.	(X)	(X)	(over 2)
3293-	2952 Asphalt felts and coatings	(X)	(X)	(over 2)
3293-	3011 Tires and inner tubes	(X)	(X)	(2-5)
3293-	3069 Fabricated rubber products, n.e.c.	(X)	(X)	36.0

Product code	Class of products, industry and miscellaneous recepts	All industries	Gaskets and insulations (SIC 3293)	Other industries
	Listing of the other industries with over $2 million shipments of the primary products--Con.			
3293-	3292 Asbestos products	(X)	(X)	(10-20)
3293-	3411 Metal cans	(X)	(X)	(over 2)
3293-	3481 Miscellaneous fabricated wire products	(X)	(X)	(over 2)
3293-	3599 Miscellaneous machinery, except electrical	(X)	(X)	(over 2)

Product code	Class of products, industry and miscellaneous receipts	All industries	Minerals, ground or treated (SIC 3295)	Other industries
	Total shipments and miscellaneous receipts	(X)	280.9	(X)
3295-	Minerals ground or treated	270.7	240.9	29.8
	Other product shipments by 4-digit product group			
2819-	Industrial inorganic chemicals, n.e.c.	(X)	(over 2)	(X)
	Other secondary products	(X)	7.8	(X)
	Miscellaneous receipts	(X)	29.0	(X)
93000	Commission receipts	(X)	8.6	(X)
99989	Resales	(X)	17.9	(X)
99980	Other miscellaneous receipts	(X)	2.5	(X)
	Listing of the other industries with over $2 million shipments of the primary products			
3295-	2812 Alkalies and chlorine	(X)	(X)	(over 2)
3295-	2951 Paving mixtures and blocks	(X)	(X)	2.3
3295-	3275 Gypsum products	(X)	(X)	6.4
3295-	3297 Nonclay refractories	(X)	(X)	5.2

Product code	Class of products, industry and miscellaneous receipts	All industries	Mineral wool (SIC 3296)	Other industries
	Total shipments and miscellaneous receipts	(X)	454.5	(X)
3296-	Mineral wool	425.0	404.9	20.1
32961	Mineral wool for structural insulation	119.8	(100-200)	(under 2)
32962	Mineral wool for industrial and equipment insulation	292.4	277.8	14.6
32960	Mineral wool, n.s.k.	12.9	(5-10)	(5-10)
	Other product shipments by 4-digit product group			
2293-	Paddings and upholstery filling	(X)	(over 2)	(X)
3079-	Miscellaneous plastics products	(X)	2.1	(X)
3229-	Pressed and blown glass, n.e.c.	(X)	14.8	(X)
3564-	Blowers and fans	(X)	(over 2)	(X)
3569-	General industrial machinery, n.e.c.	(X)	(over 2)	(X)
	Other secondary products	(X)	3.2	(X)
	Miscellaneous receipts	(X)	14.4	(X)
93000	Commission receipts	(X)	-	(X)
99989	Resales	(X)	14.2	(X)
99980	Other miscellaneous receipts	(X)	.2	(X)
	Listing of the other industries with over $2 million shipments of the primary products			
3296-	3079 Miscellaneous plastics products	(X)	(X)	(over 2)
3296-	3255 Clay refractories	(X)	(X)	(over 2)
3296-	3293 Gaskets and insulations	(X)	(X)	(over 2)
3296-	3299 Nonmetallic mineral products, n.e.c.	(X)	(X)	(over 2)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product code	Class of products, industry and miscellaneous receipts	All industries	Nonclay refractories (SIC 3297)	Other industries	Product code	Class of products, industry and miscellaneous receipts	All industries	Nonmetallic mineral products, n.e.c. (SIC 3299)	Other industries
	Total shipments and miscellaneous receipts	(X)	307.1	(X)		Total shipments and miscellaneous receipts	(X)	99.9	(X)
3297-	Nonclay refractories	302.6	266.4	36.2	3299-	Nonmetallic mineral products, n.e.c.	87.5	77.6	9.9
	Other product shipments by 4-digit product group					Other product shipments by 4-digit product group			
3255-	Clay refractories	(X)	14.1	(X)					
3274-	Lime	(X)	(over 2)	(X)	2295-	Coated fabrics, not rubberized	(X)	(over 2)	(X)
3291-	Abrasive products	(X)	(over 2)	(X)	2851-	Paints and allied products	(X)	(over 2)	(X)
3295-	Minerals, ground or treated	(X)	5.2	(X)	3079-	Miscellaneous plastics products	(X)	(2-5)	(X)
	Other secondary products	(X)	1.6	(X)	3296-	Mineral wool	(X)	(over 2)	(X)
						Other secondary products	(X)	2.9	(X)
	Miscellaneous receipts	(X)	9.9	(X)					
93000	Commission receipts	(X)	-	(X)		Miscellaneous receipts	(X)	5.9	(X)
99989	Resales	(X)	9.6	(X)	93000	Commission receipts	(X)	.9	(X)
99980	Other miscellaneous receipts	(X)	.3	(X)	99989	Resales	(X)	4.5	(X)
					99980	Other miscellaneous receipts	(X)	.5	(X)
	Listing of the other industries with $2 million shipments of the primary products					Listing of the other industries with over $2 million shipments of the primary products			
3297-	3255 Clay refractories	(X)	(X)	15.6					
3297-	3291 Abrasive products	(X)	(X)	(over 2)	3299-	2499 Wood products, n.e.c.	(X)	(X)	(over 2)

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value ($1,000)		Quantity	Value ($1,000)
3291- --	ABRASIVE PRODUCTS, TOTAL	.....	(X)	(X)	734.2	(X)	(X)	572.2
32911 --	Nonmetallic artifical (synthetic) sized grains, powders, and flour abrasives (including graded products only), total	.....	(X)	(X)	101.5	(X)	(X)	74.3
32911 17	Silicon carbide	1,000 short tons	(X)	(X)	(1)	99.1	92.2	23.4
32911 19	Aluminum oxide	...do	(S)	155.0	44.4	148.1	132.5	37.6
32911 29	Other artifical sized grains, powders and flour, including combinations of silicon carbide and aluminum oxide, boron carbide, synthetic diamond, etc	.....	(X)	(X)	156.1	(X)	(X)	12.9
32911 00	Nonmetallic artifical (synthetic) sized grains, powders, and flour abrasives (including graded products only) n.s.k	.....	(X)	(X)	1.0	(X)	(X)	0.4
32912 --	Nonmetallic bonded abrasive products, including diamond abrasives, total	.....	(X)	(X)	308.8	(X)	(X)	247.3
	Artificial and natural bonded abrasives, including grinding wheels, sticks, stones, hones, balls, tumbling media, and bricks (excluding refractory bricks, floor and stair brick, and similar by-products):							
	Silicon carbide:							
32912 32	Vitrified bond	.....	(X)	(X)	36.1	(X)	(X)	24.3
	Resinoid and shellac bond:							
32912 33	Reinforced	.....	(X)	(X)	17.4	(X)	(X)	19.8
32912 35	Nonreinforced	.....	(X)	(X)	18.5			
32912 36	Rubber bond	.....	(X)	(X)	2.7	(X)	(X)	3.1
	Aluminum oxide:							
32912 41	Vitrified bond	.....	(X)	(X)	75.2	(X)	(X)	60.8
32912 43	Rubber bond	.....	(X)	(X)	13.2	(X)	(X)	9.7
	Resinoid and shellac bond:							
32912 46	Reinforced	.....	(X)	(X)	23.3	(X)	(X)	54.0
32912 47	Nonreinforced	.....	(X)	(X)	35.0			
	Diamond wheels:							
32912 62	Metal bond	1,000 carats	(X)	3,165.3	20.9	(X)	7,423.1	41.2
32912 64	Other bond	...do	(X)	5,741.7	25.6			
32912 69	Other bonded abrasives (including combinations of silicon carbide and aluminum oxide and natural bonded abrasives)	.....	(X)	(X)	17.5	(X)	(X)	8.4
32912 48	Nonmetallic natural sized grains, powders, and flour	.....	(X)	(X)	2.7	(X)	(X)	4.4
32912 72	Crude lump forms	.....						
32912 79	Other artificial and natural nonmetallic abrasives and abrasive products (except coated abrasives), including grinding, lapping, buffing compounds, etc	.....	(X)	(X)	10.3	(X)	(X)	16.1
32912 00	Nonmetallic bonded abrasive products, including diamond abrasives, n.s.k	.....	(X)	(X)	10.3	(X)	(X)	5.4
32913 --	Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps, total	.....	(X)	(X)	225.4	(X)	(X)	176.3
	Coated or impregnated with any natural or artificial abrasive material:							
	Cloth--glue bond:							
32913 12	Belts	1,000 reams	(X)	271.1	32.9	(X)	435.0	35.0
32913 14	Other shapes	...do	(X)	260.0	17.9			
	Cloth--resin and waterproof bond:							
32913 16	Belts	...do	(X)	358.8	44.6	(X)	380.6	51.0
32913 18	Other shapes	...do	(X)	177.2	18.2			

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
3291- --	ABRASIVE PRODUCTS--Continued							
32913 --	Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps--Continued							
	Coated or impregnated with any natural or artificial abrasive material--Continued							
	Paper--glue bond:							
32913 22	Belts	1,000 reams	(X)	437.3	6.4	(X)	1,232.8	29.3
32913 24	Other shapes	...do	(X)	758.6	19.4			
	Paper--resin and waterproof bond:							
32913 26	Belts	...do	(X)	43.5	1.9	(X)	540.5	19.3
32913 28	Other shapes	...do	(X)	363.4	12.3			
	Other, including paper-cloth combinations, vulcanized fiber-cloth combinations, vulcanized fibers, etc.:							
32913 35	Glue bond	...do	(X)	36.6	5.3	(X)	19.3	2.2
32013 37	Resin and waterproof bond	...do	(X)	129.4	34.4	(X)	129.1	16.0
32913 71	Buffing and polishing wheels and laps made of cloth, leather, felt, and other materials (containing no abrasive grains, powders, or flour)	.....	(X)	(X)	23.6	(X)	(X)	21.4
32913 00	Nonmetallic coated abrasive products and buffing wheels, polishing wheels and laps, n.s.k.	.....	(X)	(X)	8.4	(X)	(X)	2.0
32914 --	Metal abrasives, including scouring pads, total	.....	(X)	(X)	75.0	(X)	(X)	63.2
32914 11	Steel and iron grit, shot, and sand	1,000 short tons	(X)	244.4	31.2	(X)	126.6	17.2
32914 31	Steel wool	...do	(X)	(S)	7.2	(X)	8.4	7.0
32914 53	Metal pads with soap or other cleanser impregnated or in package	1,000 gross	(X)	6,651.3	31.3	(X)	(NA)	38.7
32914 98	Other metal abrasives and scouring pads	.....	(X)	(X)	4.2	(X)	(X)	
32914 00	Metal abrasives, including scouring pads, n.s.k.	.....	(X)	(X)	1.2	(X)	(X)	0.3
32910 00	Abrasive products, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	(X)	17.6	(X)	(X)	11.1
32910 02	Abrasive products, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	(X)	5.9			
3292- --	ASBESTOS PRODUCTS, TOTAL	.....	(X)	(X)	564.6	(X)	(X)	506.1
32922 --	Asbestos friction materials	.....	(X)	(X)	144.4	(X)	(X)	117.7
	Brake linings:							
32922 11	Woven (containing asbestos yarn, tape, or cloth)	1,000 lin.ft.	(NA)	(S)	13.5	(X)	10.5	6.4
32922 15	Molded, including all nonwoven types	1,000 cu. ft.	(NA)	(S)	95.6	(X)	963.1	81.1
	Clutch facing:							
32922 51	Woven (containing asbestos yarn, tape, or cloth)	Million pieces	(NA)	23.5	17.2	(X)	19.0	12.1
32922 55	Molded, including all nonwoven types	...do	(NA)	(S)	16.1	(X)	57.1	17.5
32922 00	Asbestos friction materials, n.s.k.	.....	(X)	(X)	2.0	(X)	(X)	0.5
32924 --	Asbestos-cement shingles and clapboard, total	Million squares	(NA)	1.9	24.0	(X)	3.1	34.7
32924 11	Sliding shingles and clapboard, including accessories	...do	(NA)	1.9	24.0	(X)	2.9	31.9
32924 51	Roofing shingles	...do				(X)	0.2	2.8
32925 11	Asphalt floor tile	Million sq. yards	(S)	28.0	25.0	74.3	74.3	59.2
32926 11	Vinyl asbestos floor tile	...do	142.7	143.5	153.5	106.1	106.7	131.1
32927 --	Asbestos textiles and other asbestos and asbestos-cement products, total	.....	(X)	(X)	214.1	(X)	(X)	162.2
	Asbestos textiles:							
32927 11	Yarn, cord, and thread	Million lbs	(S)	9.4	7.1	19.7	10.1	7.2
32927 21	Cloth	...do	11.5	10.2	12.3	9.4	8.1	9.1
32927 31	Other asbestos textiles, including roving, lap, wick, rope, tape, carded fibers, etc	...do	(S)	(S)	11.5	10.3	9.6	9.7

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	1967			1963		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (million dollars)		Quantity	Value (million dollars)
3292- --	ASBESTOS PRODUCTS--Continued							
32927 --	Asbestos textiles and other asbestos and asbestos-cement products--Continued							
	Asbestos-cement products:							
32927 41	Flat sheets and wallboard, all thickness converted to 1/4" basis	1,000 sq.ft.	(NA)	S	15.2	X	X	113.5
32927 51	Corrugated sheets	...do...	(NA)	S	3.5			
32927 71	Pipe, conduits, and ducts, including pressure pipe	1,000 short tons	NA	840.1	118.6			
	Asbestos felts:							
32927 81	Roofing asphalt or tar saturated	...do...	(NA)	S	11.2	X	52.3	8.8
32927 85	Other	...do...	(NA)	S	17.2	X	S	6.6
32927 98	Other asbestos and asbestos-cement products, including millboard and prefabricated housing components	...	(X)	(X)	14.1	X	(X)	6.2
32927 00	Asbestos textiles and other asbestos and asbestos-cement products, n.s.k.	...	(X)	(X)	3.5	(X)	(X)	1.1
32920 00	Asbestos products, n.s.k. (For companies with 10 or more employees. See Note.	...	(X)	(X)	3.1	(X)	(X)	1.1
32920 02	Asbestos products, n.s.k. (For companies with less than 10 employees. See Note.)	...	(X)	(X)	0.5			

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3293- --	GASKETS AND INSULATIONS, TOTAL	...	(X)	340.5	(X)	262.2
32932 --	Gaskets, all types, total	...	(X)	248.7	(X)	199.7
	Gaskets (for sealing nonmoving parts):					
32932 11	Asbestos, asbestos-metallic, and asbestos-rubber	...	(X)	62.1	(X)	37.8
32932 21	Cork	...	(X)	14.0	(X)	16.4
32932 31	Rubber (except asbestos-rubber)	...	(X)	89.6	(X)	68.6
32932 43	Paper and felt base	...	(X)	19.4	(X)	14.4
32932 51	Metal	...	(X)	21.8	(X)	27.9
32932 98	Other gaskets, including leather	...	(X)	32.8	(X)	25.4
32932 00	Gaskets, all types, n.s.k.	...	(X)	9.0	(X)	9.3
32933 --	Packing (except leather, rubber, and metal) and asbestos insulations, total	...	(X)	63.2	(X)	51.2
32933 11	Asbestos compressed sheet	Million lbs.	(S)	5.3	11.3	3.1
	Packing (for sealing moving parts):					
32933 13	Asbestos, asbestos-metallic and asbestos-rubber	Million lbs.	8.3	18.1	10.9	17.4
32933 19	Other packing	...	(X)	6.9	(X)	5.6
	Insulation materials containing asbestos:					
	Pipe insulation:					
32933 31	Cellular and laminated	Million lin. ft.	(S)	2.1	(S)	2.7
32933 33	85 percent magnesia	...do...	(S)	(2)	3.4	1.4
32933 37	Diatomaceous silica, calcium silicate, expanded silica, and asbestos fiber	...do...	15.7	9.9	10.6	6.7
32933 39	Other pipe insulation	...	(S)	25.3	(S)	2.2
	Block insulation (including sheet and lagging):					
32933 45	Diatomaceous silica, calcium silicate, expanded silica and asbestos fiber	Million bd. ft.	23.7	4.6	11.9	3.0
32933 49	Other block insulation, including cellular and laminated	...do...			9.5	2.3
32933 43	85 percent magnesia	...do...				
32933 51	All other asbestos insulation	...	(X)	4.2	(X)	3.9
32933 00	Packing and asbestos insulation, n.s.k.	...	(X)	6.9	(X)	3.0
32930 00	Gaskets and insulation, n.s.k. (For companies with 10 or more employees. See Note.	...	(X)	24.0	(X)	11.3
32930 02	Gaskets and insulation, n.s.k. (For companies with less than 10 employees. See Note.)	...	(X)	4.6		

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3295- --	MINERALS, GROUND OR TREATED, TOTAL	.....	(X)	270.7	(X)	203.1
32950 11	Lightweight aggregate (such as diatomaceous earth, expanded clay, expanded slag, cinders, perlite, haydite, pumice, but excluding vermiculite)	1,000 short tons.....	(S)	24.2	6,909.5	22.0
	Exfoliated vermiculite:					
32950 13	Aggregate	Million cu.ft.	(D)	(D)	19.3	5.2
32950 15	Other (such as loose fill insulation, acoustical)	...do.....	(D)	(D)	26.4	8.5
32950 20	Dead-burned magnesia or magnesite	.....	(X)	28.2	(X)	27.9
32950 31	Crushed slag	1,000 short tons.....	21,334.4	38.0	18,453.0	32.3
32950 61	Crushed and uncalcined gypsum (including gypsite and anhydrite)	...do.....	1,108.6	8.7	915.1	6.5
32950 81	Natural graphite, ground, refined, or blended	...do.....	35.4	5.9	32.6	6.2
39250 84	Ground crude fire clay, high alumina clay, silica fire clay	...do.....	102.8	2.7	(X)	4.4
32950 87	Ground barite	...do.....	(D)	(D)	547.2	14.8
32950 98	Other minerals and earths, ground or otherwise treated, including feldspar, talc, soapstone, pulverized limestone, roofing granules, other beneficiated clays and shales, mica, pyrophyllite, and silica	...do.....	(X)	85.8	(S)	59.7
32950 00	Minerals, ground or treated, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	44.4	(X)	15.5
32950 02	Minerals, ground or treated, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	5.9		
3296- --	MINERAL WOOL, TOTAL	.....	(X)	425.0	(X)	356.0
32961 --	Mineral wool for structural insulation, total	.....	(X)	119.8	(X)	107.7
32961 11	Loose fiber (blowing and pouring) (shipped as such) and granulated fiber	1,000 short tons	261.9	19.2	241.3	19.1
	Building batts, blankets, and rolls:					
32961 23	4.5 inches or more thick	Million sq. ft.	274.9	13.1	127.7	6.1
32961 27	3.0 to 4.4 inches thick	...do.....	1,014.6	39.6	1,028.4	41.7
32961 33	2.0 to 2.9 inches thick	...do.....	561.5	22.2	581.8	21.8
32961 37	Less than 2.0 inches thick	...do.....	417.2	11.4	311.6	11.7
32961 51	Board (such as roof insulation)	Million bd. ft.	(S)	(Z)	(S)	(Z)
32961 98	Other mineral wool for structural insulation	.....	(X)	13.5	(X)	5.8
32961 00	Mineral wool for structural insulation, n.s.k.	.....	(X)	0.7	(X)	1.5
32962 --	Mineral wool for industrial and equipment insulation, total	.....	(X)	292.4	(X)	240.8
	Blankets (flexible) including fabricated pieces, rolls, and batts:					
32962 31	Plain	Million bd. ft.	(S)	77.3	(S)	93.9
32962 34	Coated	...do.....	(S)	3.0		
32962 36	Faced and metal meshed	...do.....	(S)	29.3		
32962 45	Molded insulation (such as special automotive, appliances, and aerospace items)	Million lbs....	49.4	3.8	(NA)	(NA)
32962 51	Blocks and boards	Million bd. ft.	1,420.3	71.1	583.3	43.7
32962 61	Pipe insulation	Mil. lin. ft...	111.5	34.1	94.2	29.7
32962 71	Acoustical pads and boards	Million sq. ft.	148.6	32.7	355.7	53.5
32962 82	High temperature insulation fibers, including silica fiber and alumina-silica fiber	Million lbs....	24.0	6.8	(NA)	(NA)
32962 98	Other mineral fiber for industrial, equipment and appliance insulation, such as loose fiber (shipped as such) granulated fiber felts, insulating and finishing cements, etc	.....	(X)	21.9	(X)	7.7
32962 00	Mineral wool for industrial and equipment insulation, n.s.k.	.....	(X)	12.4	(X)	12.3
32960 00	Mineral wool, n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	12.1	(X)	7.5
32960 02	Mineral wool, n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	0.8		

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3297- --	NONCLAY REFRACTORIES, TOTAL:					
	As reported in the census of manufactures	.....	(X)	302.6	(X)	256.8
	As reported on Census quarterly Form M32C	.....	(X)	298.6	(X)	251.8
	Brick and shapes:					
32970 12	Silica brick and shapes	Million 9" equiv.	71.0	14.7	119.3	22.5
32970 15	Magnesite and magnesite-chrome brick and shapes (magnesite predominating) (excluding molten cast and fused magnesia)[3] [4]	...do.	93.8	89.9	79.5	70.0
32970 21	Chrome and chrome-magnesite brick and shapes (chrome predominating) (excluding molten cast)[3] [4]	...do.	22.2	18.9	35.3	27.9
32970 33	Graphite crucibles, retorts, stopper heads, and other shaped refractories containing natural graphite	1,000 short tons	16.6	13.7	13.0	10.1
32970 52	Mullite brick and shapes made predominantly of kyanite, sillimanite, andalusite or synthetic mullite (excluding molten cast)[3] [4]	Million 9" equiv.	6.9	9.5	5.9	7.1
32970 53	Extra-high alumina brick and shapes made predominantly of fused bauxite, fused or dense-sintered alumina (excluding molten cast)[3] [4] [5]	...do.	2.9	7.4	3.2	5.7
32970 48	Silicon carbide kiln furniture (made predominantly of silicon carbide)	...do.	1.2	4.1	3.0	9.6
32970 49	Silicon carbide brick and shapes (made predominantly of silicon carbide) except kiln furniture	...do.	2.8	8.8		
32970 55	Zircon and zirconia brick and shapes (made predominantly of either of these materials)	...do.	1.5	5.4	1.0	3.9
32970 56	Forsterite, pyrophillite, molten-cast dolomite, dolomite-magnesite and other nonclay brick and shapes[4] [6]	...do.	25.7	[7]41.7	(NA)	30.3
32970 35	Carbon refractories; brick, blocks, and shapes, excluding those containing natural graphite	...do.				
	Mortars:					
32970 61	Basic bonding mortars (magnesite or chrome ore as principal component)	1,000 short tons	79.9	6.6	243.8	19.7
32970 63	Other nonclay refractory mortars	...do.	31.6	5.5		
32970 91	Nonclay refractory castables (hydraulic setting) and portland or calcium aluminate cements	...do.	31.5	6.9	13.3	2.1
	Plastic refractories and ramming mixes, wet and dry types:					
32970 65	Basic (magnesite, dolomite, or chrome ore predominating)	...do.	154.6	17.5	182.7	22.0
32970 67	Other nonclay plastic refractories and ramming mixes	...do.	57.6	12.6		
32970 92	Nonclay gunning mixes	...do.	257.2	22.2	233.1	[7]21.2
32970 94	Other nonclay refractory materials sold in lump or ground form[8]	...do.	127.3	13.4		
3299- --	NONMETALLIC MINERAL PRODUCTS, N.E.C.	.....	(X)	87.5	(X)	83.0
	Sheet mica products:					
32990 53	Built-up sheet mica products	.....	(X)	23.0	(X)	14.1
32990 55	Other sheet mica products	.....	(X)	19.2	(X)	14.0
32990 61	Sand-lime brick, block, and tile	Million brick.	66.7	2.9	(NA)	4.9
32990 81	Statuary and art goods (factory production)	.....	(X)	12.8	(X)	13.9
32990 98	Other nonmetallic mineral products, including magnesite floor composition, stucco, sapphire boule, etc.	.....	(X)	15.7	(X)	30.3
32990 00	Nonmetallic mineral products, n.e.c., n.s.k. (For companies with 10 or more employees. See Note.)	.....	(X)	6.9	(X)	5.9
32990 02	Nonmetallic mineral products, n.e.c., n.s.k. (For companies with less than 10 employees. See Note.)	.....	(X)	7.0		

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Footnotes continued on next page.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Footnotes for table 6A--of 32C--Continued

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either or the basis of the associated standard error of estimate or on the basis of a consistency review. (Z) Under $50 thousand.

[1]In 1967 code 3291117 included with code 3291129.

[2]In 1967 code 3293333 included with code 3293339.

[3]Molten cast brick and shapes are included with "Forsterite, pyrophillite, molten-cast dolomite-magnesite and other nonclay brick and shapes."

[4]Molten cast refractories are made by fusing refractory oxides as in an electric furnace and pouring the molten material into molds to form finished shapes.

[5]"Fused" as applied to bauxite and alumina means complete melting, as in an electric furnace; after cooling, the product is crushed and graded for use in the refractory. Dense-sintered alumina refers to heat treatment (short of melting) to render it relatively volume-stable for use in a refractory.

[6]Quantity is estimated for those plants which reported only value. This estimate is between 10 and 30 percent of the total quantity shown for this product.

[7]Data for carbon refractories are combined with "Forsterite, pyrophillite, molten-cast dolomite, dolomite-magnesite and other nonclay brick and shapes" to avoid disclosing figures of individual companies. In 1963, data for carbon refractories was combined with "Nonclay gunning mixes" and "other nonclay refractory materials, sold in lump or ground form."

[8]Includes shipments for direct use as finished refractory products by establishments classified in "manufacturing" industries, and excludes shipments to refractory producers for reprocessing in the manufacture of brick and other refractories.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
NONMETALLIC SIZED GRAINS, POWDER, FLOUR ABRASIVES (32911)		
United States	101.4	74.3
Northeast Region	70.2	57.3
New England Div.	22.1	(D)
Massachusetts	FF	(1)
Middle Atlantic Div.	48.1	(D)
New York	45.7	38.6
Pennsylvania	2.5	(1)
North Central Region	FF	(D)
East North Central Div.	FF	(D)
Michigan	FF	(1)
West Region	BB	(D)
Pacific Div.	BB	(D)
Washington	BB	(1)
BONDED ABRASIVE PRODUCTS, INCLUDING DIAMOND ABRASIVES (32912)		
United States	308.8	247.3
Northeast Region	204.5	162.4
New England Div.	121.3	92.7
New Hampshire	AA	(1)
Massachusetts	105.8	81.3
Rhode Island	AA	(1)
Connecticut	EE	(1)
Middle Atlantic Div.	83.1	69.7
New York	38.7	37.1
New Jersey	12.0	9.3
Pennsylvania	32.4	23.3
North Central Region	90.3	72.7
East North Central Div.	GG	70.8
Ohio	30.9	23.3
Indiana	CC	(1)
Illinois	24.1	22.4
Michigan	28.5	23.0
West North Central Div.	AA	1.9
Missouri	AA	(1)
South Region	3.9	2.8
East South Central Div.	BB	(D)
Alabama	AA	(1)
West South Central Div.	AA	(D)
West Region	10.1	9.4
Pacific Div.	10.1	(D)
Washington	BB	(1)
California	CC	(1)
NONMETALLIC COATED ABRASIVES, POLISHING WHEELS, LAPS (32913)		
United States	225.4	176.3
Northeast Region	95.9	80.3
New England Div.	13.5	10.8
Massachusetts	EE	(1)
Connecticut	BB	(1)
NONMETALLIC COATED ABRASIVES, POLISHING WHEELS, LAPS (32913)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	82.4	69.5
New York	GG	(1)
New Jersey	AA	(1)
Pennsylvania	AA	(1)
North Central Region	119.6	(D)
East North Central Div.	GG	(D)
Ohio	11.8	6.1
Illinois	CC	(1)
Michigan	10.2	8.2
Wisconsin	FF	(1)
West North Central Div.	GG	(D)
Minnesota	GG	(1)
South Region	CC	(D)
South Atlantic Div.	BB	(D)
North Carolina	BB	(1)
East South Central Div.	AA	(D)
Mississippi	AA	(1)
West Region	BB	(D)
Pacific Div.	BB	(D)
California	BB	(1)
METAL ABRASIVES, INCLUDING SCOURING PADS (32914)		
United States	75.0	63.2
Northeast Region	FF	22.3
New England Div.	AA	(D)
Middle Atlantic Div.	25.5	(D)
New York	17.9	16.8
New Jersey	1.1	(D)
Pennsylvania	6.4	4.4
North Central Region	FF	(D)
East North Central Div.	FF	41.0
Ohio	12.4	9.4
Indiana	CC	(1)
Illinois	FF	(1)
Michigan	BB	3.6
ASBESTOS FRICTION MATERIALS (32922)		
United States	144.4	117.7
Northeast Region	GG	71.6
New England Div.	FF	(D)
Massachusetts	BB	(1)
Connecticut	FF	(1)
Middle Atlantic Div.	54.2	(D)
New York	FF	(1)
New Jersey	EE	18.0
Pennsylvania	FF	(1)
North Central Region	32.7	(D)
East North Central Div.	32.7	31.0
Ohio	CC	(D)
Indiana	12.0	11.0
Illinois	EE	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
ASBESTOS FRICTION MATERIALS (32922)--Con.		
South Region	EE	12.8
South Atlantic Div	FF	(D)
Virginia	EE	(D)
North Carolina	BB	(1)
West South Central Div	AA	(D)
Texas	AA	(D)
West Region	4.7	(D)
Pacific Div	4.7	2.1
California	4.7	2.1
ASBESTOS-CEMENT SHINGLES AND CLAPBOARD (32924)		
United States	24.0	(NA)
Northeast Region	13.2	(NA)
Middle Atlantic Div	EE	(NA)
New Jersey	9.9	(NA)
Pennsylvania	BB	(NA)
North Central Region	BB	(NA)
East North Central Div	BB	(NA)
Indiana	AA	(NA)
West North Central Div	BB	(NA)
Missouri	BB	(NA)
South Region	5.6	(NA)
East South Central Div	AA	(NA)
Alabama	AA	(NA)
West South Central Div	BB	(NA)
Louisiana	BB	(NA)
ASBESTOS AND ASBESTOS-CEMENT PRODUCTS (32927)		
United States	214.1	162.2
Northeast Region	59.4	48.6
New England Div	16.0	(D)
New Hampshire	CC	(1)
Massachusetts	CC	(1)
Middle Atlantic Div	43.4	(D)
New York	BB	(1)
New Jersey	FF	(1)
Pennsylvania	FF	(1)
North Central Region	GG	32.9
East North Central Div	44.8	25.1
Ohio	EE	(1)
Illinois	FF	(1)
West North Central Div	EE	7.8
Missouri	EE	(1)
South Region	57.9	(D)
South Atlantic Div	FF	(D)
North Carolina	CC	(1)
South Carolina	CC	(1)
Georgia	BB	(1)
Florida	CC	(D)
East South Central Div	BB	(D)
Alabama	BB	(D)
West South Central Div	31.1	(D)
Louisiana	EE	(1)
Texas	EE	(1)
ASBESTOS AND ASBESTOS-CEMENT PRODUCTS (32927)--Con.		
West Region	FF	(D)
Pacific Div	FF	(D)
California	FF	(1)
GASKETS, ALL TYPES (32932)		
United States	248.7	199.7
Northeast Region	65.7	50.4
New England Div	21.0	13.9
Massachusetts	12.8	8.2
Connecticut	8.2	(1)
Middle Atlantic Div	44.7	36.5
New York	14.7	10.4
New Jersey	17.2	16.0
Pennsylvania	12.8	10.0
North Central Region	122.7	109.2
East North Central Div	117.7	104.8
Ohio	17.8	14.7
Indiana	10.7	14.1
Illinois	57.6	55.6
Michigan	24.2	17.3
Wisconsin	7.4	3.0
West North Central Div	5.1	4.4
Missouri	2.4	1.3
South Region	37.6	24.8
South Atlantic Div	EE	(D)
Virginia	9.5	(1)
West Virginia	AA	(D)
North Carolina	BB	(1)
East South Central Div	CC	(D)
Tennessee	CC	(1)
Alabama	BB	(1)
West South Central Div	13.3	(D)
Oklahoma	2.1	(D)
Texas	11.1	6.4
West Region	22.6	15.3
Pacific Div	FF	(D)
California	22.2	14.7
PACKAGING, ASBESTOS INSULATIONS, NOT LEATHER RUBBER, METAL (32933)		
United States	63.1	51.2
Northeast Region	39.1	31.3
New England Div	6.9	2.5
Massachusetts	BB	(1)
Connecticut	BB	(1)
Middle Atlantic Div	32.1	28.8
New York	CC	7.3
New Jersey	EE	11.3
Pennsylvania	9.5	10.2
North Central Region	9.7	11.2
East North Central Div	CC	(D)
Ohio	BB	(1)
Illinois	BB	8.8
Michigan	AA	(D)
South Region	9.0	4.8
South Atlantic Div	BB	(D)
South Carolina	AA	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
PACKAGING, ASBESTOS INSULATIONS, NOT LEATHER RUBBER, METAL (32933)--Con.		
South Region--Con.		
West South Central Div.	6.3	(D)
Texas	6.3	(D)
West Region	5.4	3.8
Pacific Div.	CC	(D)
California	CC	(1)
MINERAL WOOL FOR STRUCTURAL INSULATION (32961)		
United States	119.8	107.7
Northeast Region	26.5	24.8
Middle Atlantic Div.	FF	(D)
New Jersey	FF	24.0
North Central Region	50.6	45.9
East North Central Div.	FF	30.3
Ohio	29.3	22.2
Indiana	BB	(1)
Illinois	AA	(D)
West North Central Div.	EE	15.6
Minnesota	AA	(1)
Kansas	EE	(1)
South Region	26.0	18.6
South Atlantic Div.	CC	(D)
West Virginia	CC	(1)
East South Central Div.	CC	(D)
Alabama	5.5	4.8
West South Central Div.	14.0	(D)
Texas	EE	6.3
West Region	16.6	18.4
Mountain Div.	BB	(D)
Colorado	BB	(1)
MINERAL WOOL FOR STRUCTURAL INSULATION (32961)--Con.		
West Region--Con.		
Pacific Div.	EE	(D)
California	EE	(1)
MINERAL WOOL FOR INDUSTRIAL AND EQUIPMENT INSULATION (32962)		
United States	292.5	240.8
Northeast Region	55.2	39.7
New England Div.	AA	(D)
Connecticut	AA	(D)
Middle Atlantic Div.	GG	(D)
New York	BB	(D)
New Jersey	31.6	20.8
Pennsylvania	18.2	17.5
North Central Region	170.0	150.1
East North Central Div.	123.4	101.5
Ohio	GG	(1)
Indiana	33.5	23.9
Illinois	CC	3.9
Michigan	AA	(1)
Wisconsin	AA	(1)
West North Central Div.	46.6	48.6
Missouri	CC	(1)
Kansas	FF	(1)
South Region	41.0	19.9
South Atlantic Div.	FF	(D)
West Virginia	BB	(1)
Georgia	8.5	(1)
Florida	FF	(1)
East South Central Div.	AA	(D)
Kentucky	AA	(D)
West South Central Div.	BB	(D)
Texas	BB	(D)
West Region	26.2	31.1
Pacific Div.	26.2	(D)
California	FF	(1)

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
3291-	Abrasive products.....million dollars..	734.2	818.4	728.7	628.7	572.2	399.8	355.8	244.7
32911	Nonmetallic sized grains, powder, flour abrasives.....do....	101.5	100.7	90.0	77.9	[2]74.3	38.2	32.7	19.4
32912	Bonded abrasive products, including diamond abrasives.....do....	308.8	353.5	305.7	278.0	247.3	164.4	158.1	108.4
32913	Nonmetallic coated abrasives and buffing wheels, polishing wheels, and laps.....do....	225.4	257.6	234.3	196.7	176.3	127.4	111.9	88.7
32914	Metal abrasives, including scouring pads.....do....	75.0	79.9	75.9	64.0	63.2	54.7	45.9	28.3
32910	Abrasive products, n.s.k.....do....	23.5	(26.7)	(22.8)	12.0	11.1	15.5	7.3	(X)
3292-	Asbestos products.....do....	564.6	565.9	567.8	539.5	506.1	419.7	323.1	198.6
32922	Asbestos friction material.....do....	144.4	146.5	136.9	126.0	117.7	89.8	73.9	58.6
32924	Asbestos--Cement shingles and clapboard:								
	Quantity.....million squares..	1.9	(NA)	(NA)	(NA)	3.1	4.4	6.1	5.8
	Value.....million dollars..	24.0	27.5	31.1	32.1	34.7	49.2	53.3	37.5
32925	Asphalt floor tile:								
	Quantity.....million sq. yds..	28.0	(NA)	(NA)	(NA)	74.3	109.5	109.7	45.9
	Value.....million dollars..	25.0	33.0	44.4	52.5	59.2	77.3	90.7	42.0
32926	Vinyl asbestos floor tile:								
	Quantity.....million sq. yds..	143.5	(NA)	(NA)	(NA)	106.7	57.7	(NA)	(NA)
	Value.....million dollars.	153.5	157.3	157.8	150.1	131.1	66.6	(NA)	(NA)
32927	Asbestos textiles and other asbestos and asbestos-cement products.....do....	214.1	200.5	196.7	177.7	162.2	131.8	104.2	60.5
32920	Asbestos products, n.s.k.....do....	3.6	1.0	1.0	1.1	1.1	5.0	1.1	(X)
3293-	Gaskets and insulations.....do....	340.5	348.4	299.5	297.8	262.2	214.1	184.1	128.4
32932	Gaskets, all types.....do....	248.7	268.2	228.0	228.5	199.7	143.3	112.8	78.3
32933	Packing and asbestos insulations (except leather, rubber, and metal).....do....	63.2	68.3	62.2	57.4	51.2	62.4	63.4	50.1
32930	Gaskets and insulations, n.s.k.....do....	28.6	11.9	9.2	(11.9)	11.3	8.5	7.9	-
32950-	Minerals and earths, ground, or otherwise treated.....do....	270.7	284.2	253.7	208.2	[2]203.1	[4]218.1	[4]182.0	[4]111.3
3296-	Mineral wool.....do....	425.0	431.2	413.7	378.6	356.0	[4]236.4	[4]160.4	[4]79.1
32961	Mineral wool for structural insulation.....do....	119.8	124.5	126.8	121.1	107.7	[4]71.8	[4]59.4	[4]44.3
32962	Mineral wool for industrial and equipment insulation.....do....	292.4	301.8	282.7	251.5	240.8	[4]142.0	[4]93.8	[4]31.8
32960	Mineral wool, n.s.k.....do....	12.9	5.0	4.1	(6.0)	7.5	22.6	7.2	3.0
32970	Nonclay refractories, except dead-burned magnesia.....do....	302.6	330.8	305.7	289.3	256.8	185.2	127.6	84.2
32990	Other nonmetallic mineral products, n.e.c.....do....	87.5	107.9	108.3	92.9	83.0	(53.7)	48.1	32.3

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses for the value of shipments either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, at the individual product level, the estimates may be of limited reliability; however, they may be combined with other product-class totals into broader aggregates which are of acceptable reliability.

[2]Not directly comparable with 1958 and prior year data. In 1958 synthetic diamonds were classified in industry 3913, Lapidary Work. The amount is withheld to avoid disclosing figures for individual companies.

[3]Plants producing roofing gravules and plants producing dead-burned magnesia or magnesite in conjunction with mining operations are classified in the mineral industries for 1963. In prior years these plants were included in industry 3295, Minerals, Ground or Treated. Prior years' data have not been revised to avoid disclosing figures of individual companies for 1963 thru 1967.

[4]Figures for 1963 thru 1967 do not reflect the reclassification of exfoliated vermiculate from industry 3296, Mineral Wool, to industry 3295, Minerals, Ground or Treated. Figures for 1947, 1954, and 1958 have been revised.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3292.--ASBESTOS PRODUCTS					
	Materials and components, parts, containers, and supplies, total	.....	(X)	228.1	(X)	212.1
149901	Asbestos, crude including fiber	1,000 short tons.	441.6	55.7	453.2	48.3
324101	Portland cement	1,000 bbls. (376 lb. bbls.)	2,931.1	10.8	2,370.0	8.8
209010	Vegetable oils, including crude and processed	Million lbs	34.9	5.9	34.2	6.0
282137	Vinyl and vinyl copolymer resins, all forms	...do	195.9	27.7	201.6	31.0
281012	Pigment, organic, and inorganic	...do	58.2	12.3	59.4	14.9
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	103.7	(X)	98.7
973000	Materials, components, parts, containers, and supplies, n.s.k.[1]	.....	(X)	12.3	(X)	4.4
	INDUSTRY 3293.--GASKETS AND INSULATIONS					
	Materials and components, parts, containers, and supplies, total	.....		129.3	(X)	97.3
149901	Asbestos, crude (including fiber)	1,000 short tons	(S)	11.5	31.4	5.0
970099	All other material and components, parts, containers, and supplies consumed	.....	(X)	96.1	(X)	78.5
973000	Materials, and components, parts, containers, and supplies, n.s.k.[1]	.....	(X)	21.7	(X)	13.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency review.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Abrasive products (SIC 3291)	Asbestos products (SIC 3292)	Minerals ground or treated (SIC 3295)	Mineral wool (SIC 3296)	Nonclay refractories (SIC 3297)
	Cost of purchased fuels and electric energy, total..	Million dollars..	11.0	10.9	12.5	20.9	12.1
	Cost of purchased fuels, total.....	...do.....	4.5	4.6	7.7	13.5	8.1
121005	Coal (anthracite, bituminous, and lignite):						
	Quantity.....	1,000 short tons.	77.5	28.6	(S)	145.4	(D)
	Cost.....	Million dollars..	0.8	0.3	0.3	0.9	(D)
	Fuel oil, total:						
	Quantity.....	1,000 barrels....	316.6	(S)	(S)	170.4	(S)
	Cost.....	Million dollars..	1.1	1.5	2.3	0.5	0.9
291141	Distillate:						
	Quantity.....	1,000 barrels....	149.8	(S)	260.3	40.2	166.7
	Cost.....	Million dollars..	0.6	0.6	1.3	0.2	0.7
291151	Residual:						
	Quantity.....	1,000 barrels....	166.8	379.0	(S)	130.2	(S)
	Cost.....	Million dollars..	0.5	0.9	1.0	0.3	0.2
131300	Gas (natual, manufactured mixed, blast furnace, coke-oven, and other gas):						
	Quantity.....	Million cub. ft..	(S)	3,879.5	8,318.7	24,132.9	10,229.6
	Cost.....	Million dollars..	1.8	1.7	3.3	9.4	5.1
960011 960013	Other fuels (coke, gasoline, LPG, wood, etc.)...	...do.....	0.4	0.3	0.4	1.3	0.2
975000 976000	Fuels, n.s.k.	...do.....	0.4	0.8	1.4	1.4	(D)
	Purchased electric energy:						
960012	Quantity.....	Million kw.-hrs..	693.3	555.0	334.0	803.9	360.2
	Cost.....	Million dollars..	6.5	6.3	4.8	7.4	4.0
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs..	35.1	19.2	0.5	3.1	-
	Total energy used for heat and power[1].....	Million kw.-hrs. equivalent.....	2,922.4	3,678,1	5,764.0	10,654.5	5,704.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3291	ABRASIVE PRODUCTS										
	ENTIRE INDUSTRY	361	27.2	197.5	18.9	36.3	119.2	420.7	306.5	725.3	30.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	350	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32911	NONMETALLIC SIZED GRAINS, POWDER, FLOUR ABRASIVES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	13	1.5	12.5	1.1	2.3	8.2	29.7	43.1	72.5	1.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32912	BONDED ABRASIVE PRODUCTS, INCL. DIAMOND ABRASIVES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	134	14.7	111.9	10.0	19.4	67.8	224.8	137.1	359.5	13.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	116	9.2	69.5	6.6	12.9	43.8	141.0	83.2	221.5	9.2
32913	NONMET. COATED ABRASIVES, POLISHING WHEELS, LAPS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	51	8.0	53.6	5.3	9.7	29.7	108.8	88.4	197.8	11.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	46	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32914	METAL ABRASIVES, INCLUDING SCOURING PADS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	31	2.1	14.4	1.7	3.5	10.1	46.7	28.6	75.9	1.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3292	ASBESTOS PRODUCTS										
	ENTIRE INDUSTRY	138	21.3	144.0	16.8	35.0	107.5	308.1	263.9	575.0	18.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	129	19.4	132.0	15.2	31.7	98.5	285.7	246.3	533.9	15.2
32922	ASBESTOS FRICTION MATERIALS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	29	8.2	54.3	6.2	12.6	40.0	103.9	61.3	166.7	4.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	25	6.0	40.8	4.6	9.5	30.8	76.2	43.3	119.9	3.5
32924	ASBESTOS-CEMENT SHINGLES AND CLAPBOARD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	10	.9	6.2	.7	1.5	4.6	12.6	12.5	25.2	.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32926	VINYL ASBESTOS FLOOR TILE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	22	4.7	33.4	3.8	8.1	24.9	76.3	96.8	174.8	4.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
32927	ASBESTOS AND ASBESTOS-CEMENT PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	46	7.3	49.1	6.0	12.5	37.4	113.2	90.6	203.5	6.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	39	5.9	39.9	4.8	10.1	30.6	97.6	80.5	177.9	5.7
3293	GASKETS AND INSULATIONS										
	ENTIRE INDUSTRY	301	18.5	115.3	14.1	27.8	76.8	205.5	150.2	352.8	9.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	274	10.5	64.2	8.1	15.9	41.0	113.7	98.6	211.9	6.2
32932	GASKETS, ALL TYPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	137	14.0	84.6	10.5	20.7	55.1	142.8	108.2	249.4	6.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	111	8.0	48.9	6.1	12.1	31.2	82.6	71.4	154.0	4.1
32933	PACK'G, ASBESTOS INSUL., NOT LEATH., RUBBER, MET.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	33	3.3	23.7	2.5	5.3	17.3	48.3	29.1	75.9	1.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	24	1.0	6.8	.8	1.7	4.6	13.9	11.4	24.9	1.0
3295	MINERALS, GROUND OR TREATED										
	ENTIRE INDUSTRY	508	9.1	60.8	7.1	14.7	42.8	152.7	134.2	286.0	23.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	486	8.1	53.5	6.4	13.2	38.2	133.8	116.8	249.8	21.9
3296	MINERAL WOOL										
	ENTIRE INDUSTRY	116	15.1	106.9	12.2	25.5	83.9	247.3	204.4	454.4	27.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	104	12.9	91.7	10.4	21.8	72.3	219.1	180.2	400.9	26.3
32961	MINERAL WOOL FOR STRUCTURAL INSULATION										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	30	2.8	18.5	2.2	4.6	13.2	43.4	36.6	80.7	4.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	21	1.3	8.2	1.0	2.0	5.6	17.9	17.4	35.7	3.1
32962	MINERAL WOOL FOR INDUS. AND EQUIP. INSULATION										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	46	11.9	86.2	9.7	20.3	69.1	200.0	163.3	365.2	21.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	33	4.3	29.4	3.6	7.6	22.5	81.8	46.9	128.5	(D)
3297	NONCLAY REFRACTORIES	-									
	ENTIRE INDUSTRY	92	9.9	72.1	7.4	14.8	49.5	158.7	149.7	307.1	17.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	79	7.6	54.4	6.0	11.8	40.0	121.3	115.8	237.0	13.1
3299	NONMETALLIC MINERAL PRODUCTS, NEC										
	ENTIRE INDUSTRY	330	5.3	30.6	4.3	8.3	21.1	56.8	43.5	99.9	2.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	322	3.9	20.6	3.3	6.2	14.7	38.1	27.6	65.6	1.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

Primary Metal Industries

33A Blast furnaces, steel works, and rolling and finishing mills

33B Iron and steel foundries

33C Smelting and refining of nonferrous metals and alloys

33D Nonferrous metal mill and foundry products

33E Forgings and miscellaneous primary metal products

This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings, forgings, and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke.

TABLE 1. General Statistics: 1967 and Earlier Years

(See Appendix, Explanation of Terms)

Year and item	Establishments		All employees[1]		Production workers			Value added by manufacture[2]	Cost of materials[3]	Value of shipments[3]	Capital expenditures new[4]
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1967	7 107	4 240	1 329.1	10 395.7	1 041.5	2 088.7	7 457.3	19 978.2	27 219.9	46 730.9	3 134.1
1963	6 739	3 735	1 169.0	8 149.0	922.2	1 839.0	5 933.6	15 261.1	20 474.2	35 621.5	1 446.3
1958	6 661	3 545	1 129.5	6 600.3	882.9	1 670.0	4 695.8	11 542.2	(NA)	27 323.6	1 543.7
1954	(NA)	(NA)	1 187.1	5 509.0	966.5	1 865.7	4 104.7	9 771.6	(NA)	(NA)	910.4
ADMINISTRATIVE AND AUXILIARY UNITS:											
1967	270	158	48.1	544.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1963[5]	226	150	40.4	414.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958[5]	214	133	37.6	319.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954[5]	(NA)	(NA)	34.9	248.9	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1967	6 837	4 082	1 281.0	9 850.9	1 041.5	2 088.7	7 457.3	19 978.2	27 219.9	46 730.9	3 134.1
1963	6 513	3 583	1 126.5	7 734.1	922.2	1 839.0	5 933.6	15 261.1	20 474.2	35 621.5	1 446.3
1958	6 447	3 412	1 091.9	6 280.5	882.9	1 670.0	4 695.8	11 542.2	(NA)	27 323.6	1 543.7
1954[6]	(NA)	(NA)	1 152.2	5 260.1	966.5	1 865.7	4 104.7	9 771.6	(NA)	(NA)	910.4
OPERATING MANUFACTURING ESTABLISHMENTS (ORIGINAL)	5 838	(NA)	1 119.7	5 111.5	938.5	1 812.0	3 985.5	9 390.4	(NA)	(NA)	831.1
OPERATING MANUFACTURING ESTABLISHMENTS:											
1966[7]	(NA)	(NA)	1 296.2	9 911.0	1 065.5	2 191.3	7 648.6	20 898.8	29 130.0	49 528.4	2 765.1
1965[7]	(NA)	(NA)	1 250.3	9 237.6	1 025.6	2 105.4	7 176.4	18 924.4	26 509.6	45 302.8	2 257.0
1964[7]	(NA)	(NA)	1 180.5	8 487.9	973.4	1 994.4	6 577.6	16 692.4	23 526.9	40 032.4	1 886.0
1962[7]	(NA)	(NA)	1 128.1	7 482.2	917.1	1 795.5	5 657.8	13 677.9	19 744.4	33 644.9	1 158.7
1961[7]	(NA)	(NA)	1 099.8	7 059.5	890.9	1 723.1	5 271.0	12 758.5	18 724.1	31 521.9	1 222.4
1960[7]	(NA)	(NA)	1 174.5	7 214.8	956.9	1 836.5	5 424.3	13 283.3	(NA)	(NA)	1 615.4
1959[7]	(NA)	(NA)	1 143.6	7 057.4	947.0	1 830.1	5 354.0	13 577.6	(NA)	(NA)	1 076.0
1957[6 7]	(NA)	(NA)	1 271.9	7 018.6	1 053.3	2 057.4	5 440.0	13 320.3	(NA)	(NA)	2 149.8
1956[6 7]	(NA)	(NA)	1 319.2	6 892.6	1 109.5	2 195.4	5 444.3	13 848.0	(NA)	(NA)	1 651.0
1955[6 7]	(NA)	(NA)	1 273.7	6 418.3	1 075.7	2 192.3	5 117.1	12 962.9	(NA)	(NA)	977.4
1953[7]	(NA)	(NA)	1 287.8	6 001.7	1 102.5	2 253.0	4 867.4	11 004.0	(NA)	(NA)	1 211.7
1952[7]	(NA)	(NA)	1 240.3	5 214.6	1 065.6	2 071.4	4 204.2	9 050.5	(NA)	(NA)	(NA)
1951[7]	5 490	(NA)	1 244.2	5 137.3	1 079.1	2 255.9	4 218.8	9 760.6	(NA)	(NA)	1 126.7
1950[7]	5 322	(NA)	1 129.0	4 157.5	977.5	2 008.7	3 400.1	7 951.0	(NA)	(NA)	548.3
1949[7]	(NA)	(NA)	1 016.3	3 464.6	868.1	1 701.6	2 769.6	5 710.2	(NA)	(NA)	568.0
1947	5 465	(NA)	1 158.2	3 601.8	1 012.0	2 053.7	2 982.7	5 733.0	(NA)	(NA)	592.2
1939[8]	3 512	(NA)	(NA)	(NA)	672.4	(NA)	978.4	2 168.9	(NA)	(NA)	(NA)
1937[8]	3 245	(NA)	(NA)	(NA)	792.1	(NA)	1 204.9	2 520.0	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. [r]Revised.

[1]The figures for 1939 through 1967 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

[2]For the period 1954 to 1967, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture."

[3]The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

[4]The figures for 1958 to 1967 include expenditures for plants under construction and not yet in operation.

[5]In addition to data for operating establishments, figures for employment and payroll for manufacturing central administrative office and auxiliary units are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these units are not available for the years 1955 to 1957 - 1959 to 1962, 1964 to 1966 and prior to 1949.

[6]The 1957 edition of the Standard Industrial Classification classified beehive coke ovens and byproduct coke ovens in Major Group 33. Such establishments were previously included in Major Group 29, Petroleum and Coal Products. However, this change was reflected in the tabulations for the 1955 to 1957 annual surveys of manufactures. Data for 1954 were retabulated on this basis and are the source of the data labeled "Revised."

[7]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. The estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

[8]The figures for 1939 to 1958 are not entirely comparable with those for 1937 because the 1937 figures (a) include data for establishments primily engaged in producing certain nonferrous bearings and aluminum products (ship bunks, ornamental metal work, stampings, novelties, valves and fittings, machined castings and tags), and (b) exclude data for establishments primarily engaged in making electrometallurgical products, nonferrous die castings and forgings, cast aluminum cooking ware, and in the heat treating of steel. Value added by manufacture for 1939 on a basis strictly comparable with 1937 was $2,131.2 million. Figures have not been compiled for 1935 and prior years because of large elements of noncomparability in the earlier statistics of a number of industries included in the primary metal group.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
33	PRIMARY METAL INDUSTRIES	6 837	4 082	1 281.0	9 850.9	1 041.5	2 088.7	7 457.3	19 978.2	[3]27 219.9	[3]46 730.9	3 134.1	1 126.5	15 261.1
	NORTHEAST REGION	2 105	1 230	409.6	3 095.0	328.2	648.6	2 305.4	6 191.7	8 682.4	14 747.0	787.0	374.4	4 629.8
	NEW ENGLAND DIVISION	622	349	65.5	464.3	52.0	106.1	335.5	1 005.5	1 321.2	2 304.2	86.7	59.6	640.9
	MAINE	13	6	.5	3.4	.4	.8	2.4	8.6	4.9	12.9	(D)	.2	1.7
	NEW HAMPSHIRE	28	17	2.7	16.3	2.1	4.5	11.1	30.9	24.4	55.4	1.4	1.7	16.1
	VERMONT	13	8	1.5	7.5	1.2	2.4	5.6	15.0	13.1	28.3	(D)	.6	4.5
	MASSACHUSETTS	258	150	22.8	159.7	18.2	37.2	117.5	312.9	333.7	634.6	20.9	22.1	201.8
	RHODE ISLAND	91	40	9.7	62.9	7.9	15.8	45.7	162.0	223.7	378.1	14.9	9.1	95.0
	CONNECTICUT	219	128	28.3	214.6	22.1	45.4	153.2	476.0	721.3	1 194.9	43.3	25.9	321.8
	MIDDLE ATLANTIC DIVISION	1 483	881	344.1	2 630.7	276.2	542.5	1 969.9	5 186.2	7 361.2	12 442.7	700.3	314.9	3 988.9
	NEW YORK	508	267	73.4	549.3	59.1	117.2	411.5	1 067.5	1 733.1	2 781.3	111.3	68.5	916.5
	NEW JERSEY	355	198	37.6	275.2	28.5	59.1	191.8	578.0	1 121.6	1 715.6	44.9	35.9	408.6
	PENNSYLVANIA	620	416	233.1	1 806.2	188.6	366.2	1 366.6	3 540.7	4 506.5	7 945.8	544.1	210.4	2 663.8
	NORTH CENTRAL REGION	2 736	1 720	556.0	4 397.8	456.0	922.3	3 366.6	8 590.4	11 491.6	19 927.1	1 509.3	486.8	6 636.5
	EAST NORTH CENTRAL DIVISION	2 368	1 510	519.0	4 132.7	425.6	860.5	3 166.3	8 079.5	10 734.8	18 678.5	1 445.6	457.5	6 275.0
	OHIO	669	433	169.6	1 331.7	140.1	282.3	1 031.6	2 702.6	3 444.6	6 116.9	430.4	155.4	2 197.7
	INDIANA	274	190	111.0	891.5	89.6	179.8	678.4	1 817.9	2 781.1	4 519.0	417.0	93.6	1 456.4
	ILLINOIS	617	376	108.6	866.1	88.0	177.7	647.1	1 654.1	2 231.7	3 851.6	342.7	97.9	1 176.7
	MICHIGAN	595	365	97.3	796.6	80.9	166.6	618.3	1 481.7	1 936.9	3 427.0	219.1	81.8	155.6
	WISCONSIN	213	146	32.6	246.7	27.0	54.2	190.9	423.2	340.4	763.9	36.3	28.8	288.6
	WEST NORTH CENTRAL DIVISION	368	210	37.0	265.2	30.4	61.8	200.3	510.9	756.8	1 248.6	63.7	29.3	361.5
	MINNESOTA	99	51	7.7	55.2	6.6	13.3	43.4	83.6	83.3	162.3	7.6	5.5	64.6
	IOWA	68	38	8.6	65.6	7.0	14.6	49.4	120.4	166.3	283.5	13.0	7.2	108.0
	MISSOURI	129	79	14.7	106.6	12.1	24.5	79.9	216.3	326.8	534.4	38.4	12.8	153.1
	SOUTH DAKOTA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEBRASKA	20	13	2.6	18.1	1.9	3.9	12.8	57.9	133.3	188.7	1.9	1.8	26.0
	KANSAS	49	28	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	974	606	209.7	1 544.9	172.5	345.4	1 177.4	3 327.3	4 181.1	7 403.1	490.6	178.1	2 652.1
	SOUTH ATLANTIC DIVISION	377	218	85.2	654.9	69.3	138.2	495.6	1 358.9	1 771.3	3 076.7	203.1	75.7	1 099.2
	DELAWARE	10	7	2.5	16.9	2.0	3.9	12.1	23.1	38.9	63.2	(D)	2.3	19.4
	MARYLAND	53	34	36.9	294.6	29.1	56.8	219.0	524.6	705.8	1 209.7	64.1	36.0	509.3
	VIRGINIA	50	29	6.6	45.1	5.8	12.7	37.6	93.3	123.1	216.2	6.5	5.4	61.7
	WEST VIRGINIA	39	30	23.3	203.3	19.1	37.5	155.5	488.2	553.1	1 014.6	67.6	21.7	389.7
	NORTH CAROLINA	67	38	5.7	34.1	4.7	9.9	25.0	94.2	128.4	216.9	17.8	3.4	41.0
	SOUTH CAROLINA	20	11	1.5	8.5	1.4	2.9	7.1	16.1	29.8	44.3	(D)	1.1	11.2
	GEORGIA	65	36	5.7	34.7	4.5	9.3	25.5	75.7	135.5	212.2	17.9	3.5	36.0
	FLORIDA	73	33	3.0	17.7	2.5	5.4	13.7	43.7	56.8	99.7	2.3	2.3	30.8
	EAST SOUTH CENTRAL DIVISION	264	199	75.3	544.6	63.6	125.2	429.0	1 096.3	1 465.9	2 533.8	190.5	63.8	1 003.3
	KENTUCKY	49	37	13.1	98.8	10.8	22.0	78.4	215.6	316.1	521.7	68.2	9.8	148.7
	TENNESSEE	86	57	16.3	109.5	14.1	27.5	90.2	225.2	301.5	525.0	39.7	13.3	154.0
	ALABAMA	112	92	44.6	329.8	37.6	73.5	255.3	639.7	825.9	1 449.3	80.7	40.1	693.3
	MISSISSIPPI	17	13	1.2	6.5	1.1	2.3	5.0	15.8	22.4	37.8	1.9	.6	7.4
	WEST SOUTH CENTRAL DIVISION	333	189	49.2	345.4	39.6	82.0	252.9	872.1	943.8	1 792.5	97.0	38.7	549.5
	ARKANSAS	32	21	4.0	23.7	3.3	6.5	18.2	70.7	98.8	167.2	11.9	3.1	37.3
	LOUISIANA	25	13	4.2	29.6	3.5	7.0	21.9	107.4	74.1	181.3	5.8	3.9	85.7
	OKLAHOMA	50	24	4.2	27.0	3.7	7.3	21.8	55.0	61.9	114.9	2.5	3.8	45.8
	TEXAS	226	131	36.8	265.1	29.1	61.2	191.0	639.0	709.0	1 329.1	76.8	27.9	380.9
	WEST REGION	1 022	526	105.7	813.0	84.9	172.2	608.2	1 868.5	2 864.8	4 654.0	347.3	88.2	1 342.7
	MOUNTAIN DIVISION	136	67	25.8	190.3	20.3	41.8	145.9	943.5	1 040.4	1 544.0	149.4	25.3	474.9
	MONTANA	11	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.2	47.8
	IDAHO	7	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	45	16	8.2	58.7	6.5	15.3	48.2	109.5	82.7	189.6	7.0	7.6	91.8
	NEW MEXICO	5	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA	38	18	4.6	31.6	3.8	6.9	23.7	77.3	262.0	337.3	50.6	4.5	73.5
	UTAH	23	14	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEVADA	7	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	886	459	79.9	622.7	64.5	130.4	462.3	1 349.2	1 824.4	3 110.0	197.8	62.9	867.8
	WASHINGTON	85	50	13.1	103.2	10.8	21.3	79.6	297.7	432.9	698.2	92.9	9.8	202.2
	OREGON	55	30	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	743	378	59.9	466.4	48.3	98.4	343.9	942.6	1 271.1	2 185.4	92.6	48.5	603.9
	HAWAII	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
331	BLAST FURNACES, BASIC STEEL PROD.	861	673	617.3	5 021.9	500.8	981.6	3 829.2	10 170.4	13 287.1	23 121.0	1 911.0	568.8	8 617.3
	NORTHEAST REGION	314	251	228.9	1 812.9	184.6	354.9	1 377.3	3 558.7	4 532.4	7 970.9	549.8	210.1	2 837.2
	NEW ENGLAND DIVISION	60	50	12.5	96.3	9.6	19.4	68.5	194.8	212.1	402.5	18.9	11.6	141.4
	NEW HAMPSHIRE	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	30	26	5.0	37.6	3.9	7.7	27.2	64.8	74.3	136.3	4.2	4.6	42.5
	RHODE ISLAND	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	21	18	5.2	43.3	3.9	8.1	30.2	99.6	115.2	212.8	10.9	4.9	72.4
	MIDDLE ATLANTIC DIVISION	254	201	216.4	1 716.6	175.0	335.6	1 308.8	3 363.9	4 320.4	7 568.5	530.9	198.5	2 695.8
	NEW YORK	60	42	33.6	265.7	27.2	53.2	204.4	465.0	602.1	1 046.8	56.2	31.6	462.1
	NEW JERSEY	44	29	5.6	42.1	4.1	8.1	28.5	83.6	94.4	175.2	7.7	5.7	78.6
	PENNSYLVANIA	150	130	177.2	1 408.8	143.8	274.3	1 075.8	2 815.4	3 623.9	6 346.5	466.9	161.2	2 155.1

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967										1963	
		Establishments		All employees		Production workers			Value added by manufacture	Cost of materials[2]	Value of shipments[2]	Capital expenditures, new	All employees	Value added by manufacture
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
331	BLAST FURNACE, BASIC STEEL PROD.--CONTINUED													
	NORTH CENTRAL REGION	297	238	253.8	2 110.5	207.3	411.5	1 615.8	4 396.0	6 290.5	10 554.9	1 046.1	236.1	3 785.9
	EAST NORTH CENTRAL DIVISION	273	219	244.3	2 035.7	199.5	396.0	1 559.2	4 251.9	6 153.2	10 281.9	1 033.7	228.0	3 662.6
	OHIO	96	88	95.5	765.1	79.3	157.1	597.0	1 691.1	2 309.4	3 972.9	340.4	92.2	1 441.6
	INDIANA	29	25	66.9	563.9	53.8	106.8	428.5	1 123.0	1 763.4	2 821.4	345.3	59.3	1 056.4
	ILLINOIS	81	59	50.5	425.0	40.8	80.2	317.5	831.3	989.4	1 794.0	228.5	48.2	623.1
	MICHIGAN	56	38	28.5	258.1	23.3	47.2	198.1	559.4	1 029.0	1 585.4	116.1	26.0	510.0
	WISCONSIN	11	9	2.9	23.6	2.3	4.8	18.0	47.0	62.0	108.2	3.5	2.3	31.5
	WEST NORTH CENTRAL DIVISION	24	19	9.6	74.8	7.8	15.4	56.7	144.1	137.3	273.0	12.4	8.1	123.3
	MINNESOTA	9	6	3.4	25.1	3.0	5.6	20.4	32.1	48.5	75.8	1.1	(D)	(D)
	IOWA	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	10	8	5.2	43.1	4.0	8.0	31.0	96.8	71.5	164.6	10.6	4.6	75.1
	SOUTH REGION	142	120	95.9	774.6	78.3	152.2	591.0	1 573.1	1 605.1	3 132.4	261.7	89.9	1 503.2
	SOUTH ATLANTIC DIVISION	59	51	50.8	414.7	41.3	80.2	319.0	800.6	841.5	1 618.5	141.9	48.2	745.5
	DELAWARE	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	13	11	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA[e]	9	6	.7	5.2	.6	1.2	4.2	11.4	14.5	25.9	.8	.6	7.5
	WEST VIRGINIA	11	11	15.2	135.4	13.0	25.5	109.8	302.8	281.4	568.2	57.4	14.8	272.2
	NORTH CAROLINA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH CAROLINA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	8	5	2.0	14.4	1.5	2.9	10.6	19.8	33.7	56.0	(D)	(D)	(D)
	FLORIDA	10	10	.9	5.7	.7	1.6	4.2	14.7	19.2	33.3	.6	.5	9.2
	EAST SOUTH CENTRAL DIVISION	51	48	33.9	268.8	28.3	54.7	207.2	564.0	529.3	1 074.9	94.7	32.1	632.9
	KENTUCKY	14	13	8.8	71.8	7.3	14.9	57.9	155.0	172.9	325.0	47.6	7.5	113.6
	TENNESSEE	10	9	2.4	14.7	2.1	4.2	11.7	30.9	26.5	53.3	1.5	2.6	21.4
	ALABAMA	23	23	22.5	180.8	18.7	35.1	136.6	374.2	324.3	687.3	45.3	21.8	494.9
	MISSISSIPPI	4	3	.2	1.6	.2	.5	1.1	3.9	5.6	9.2	.3	.2	2.9
	WEST SOUTH CENTRAL DIVISION	32	21	11.2	91.1	8.7	17.4	64.7	208.6	234.3	439.1	25.2	9.5	124.8
	LOUISIANA	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA	3	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	23	17	10.4	85.1	8.1	16.2	60.1	191.3	213.3	401.5	23.7	8.9	116.3
	WEST REGION	108	64	38.7	324.0	30.7	63.0	245.3	642.1	859.1	1 462.8	53.4	33.1	494.3
	MOUNTAIN DIVISION	7	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH	2	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	101	59	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WASHINGTON	11	7	2.3	17.9	1.8	3.5	13.5	35.6	34.6	69.3	(D)	(D)	(D)
	OREGON	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	85	48	23.5	201.5	18.7	37.3	150.1	388.1	631.4	990.0	32.7	(D)	(D)
	HAWAII	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
332	IRON AND STEEL FOUNDRIES	1 438	1 097	232.6	1 640.5	198.3	402.1	1 306.7	2 631.0	1 632.0	4 289.3	275.0	199.6	1 959.9
	NORTHEAST REGION	357	265	46.1	315.6	39.1	79.2	248.8	492.3	314.2	809.1	31.7	41.3	383.3
	NEW ENGLAND DIVISION	102	73	8.5	55.2	7.2	14.9	43.4	82.1	39.2	120.9	5.4	6.8	58.2
	NEW HAMPSHIRE	7	5	1.0	6.0	.8	1.7	4.2	9.6	2.3	12.1	.3	.6	5.3
	VERMONT	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	52	36	3.6	22.7	3.2	6.2	19.1	33.9	16.6	50.4	1.8	3.1	27.1
	RHODE ISLAND	11	6	.5	2.8	.4	.8	2.2	4.0	1.9	5.9	.2	(D)	(D)
	CONNECTICUT	22	21	2.9	21.5	2.4	5.4	16.2	31.3	16.4	47.2	3.0	2.5	21.1
	MIDDLE ATLANTIC DIVISION	255	192	37.6	260.4	31.9	64.3	205.3	410.1	275.0	688.2	26.2	34.5	325.1
	NEW YORK	65	48	8.3	58.2	7.0	14.5	46.2	96.5	58.5	154.8	3.9	7.3	74.8
	NEW JERSEY	43	32	5.5	36.7	4.7	9.6	29.4	66.3	49.8	116.8	4.5	5.1	49.1
	PENNSYLVANIA	147	112	23.9	165.4	20.2	40.2	129.8	247.3	166.7	416.6	17.8	22.1	201.3
	NORTH CENTRAL REGION	647	523	134.1	1 003.6	113.4	230.7	799.3	1 621.8	910.2	2 545.8	201.5	114.8	1 197.7
	EAST NORTH CENTRAL DIVISION	532	441	122.1	925.8	103.2	210.4	738.1	1 495.1	839.2	2 348.6	191.2	104.9	1 109.0
	OHIO	144	121	32.4	244.0	27.5	55.8	196.5	402.3	231.1	637.2	31.5	29.2	326.1
	INDIANA	74	61	15.4	107.8	13.2	26.5	87.2	171.5	85.9	258.2	9.0	12.6	119.0
	ILLINOIS	104	83	21.1	157.3	17.7	35.5	123.1	271.3	143.7	413.1	55.0	18.3	185.8
	MICHIGAN	125	102	37.5	302.0	31.6	66.3	241.1	462.3	291.9	765.4	79.1	30.4	350.7
	WISCONSIN	85	74	15.7	114.7	13.1	26.3	90.1	187.8	86.8	274.6	16.7	14.5	127.5
	WEST NORTH CENTRAL DIVISION	115	82	12.0	77.8	10.2	20.3	61.2	126.7	71.0	197.2	10.3	9.9	88.6
	MINNESOTA	30	19	1.7	12.3	1.5	3.0	9.3	20.6	11.2	31.8	4.4	(D)	(D)
	IOWA	24	19	2.7	18.8	2.3	4.5	15.0	30.7	16.5	47.3	2.0	2.6	22.0
	MISSOURI	34	28	4.7	30.2	4.1	8.4	24.6	49.3	26.7	75.8	1.5	4.2	37.4
	SOUTH DAKOTA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEBRASKA[e]	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	20	12	2.0	11.6	1.7	3.2	9.2	19.2	11.2	30.2	1.6	1.6	13.5
	SOUTH REGION	268	194	38.6	227.2	33.9	69.3	185.0	363.3	313.8	682.4	26.5	31.9	255.4
	SOUTH ATLANTIC DIVISION	100	67	10.2	61.1	9.2	19.3	51.5	111.1	72.5	183.7	6.5	8.2	73.5
	DELAWARE	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND[e]	8	7	.7	4.5	.7	1.4	3.5	7.7	6.7	14.3	(D)	.8	5.3
	VIRGINIA	22	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	12	8	.9	6.2	.8	1.6	4.9	11.9	5.5	17.0	.8	(D)	(D)
	NORTH CAROLINA	19	12	1.5	7.6	1.3	2.7	6.6	14.5	11.6	26.2	.9	(D)	(D)
	SOUTH CAROLINA	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	17	12	.9	4.5	.8	1.5	3.5	6.6	3.3	9.8	1.4	.7	3.6
	FLORIDA	17	9	.9	4.7	.8	1.5	3.8	7.9	3.2	11.2	.7	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture	Cost of materials[4]	Value of shipments[5]	Capital expenditures, new	All employees	Value added by manufacture
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
332	IRON AND STEEL FOUNDRIES--CONTINUED													
	SOUTH REGION--CONTINUED													
	EAST SOUTH CENTRAL DIVISION	84	70	17.6	106.1	15.3	31.0	86.6	153.7	178.1	338.6	11.2	15.5	118.4
	KENTUCKY	6	5	.2	1.3	.2	.5	1.1	2.4	.8	3.3	(Z)	.3	1.5
	TENNESSEE	25	17	4.0	23.6	3.4	6.8	19.0	34.7	27.2	62.8	2.2	3.6	15.3
	ALABAMA	50	45	13.2	80.3	11.5	23.5	65.7	114.0	148.9	268.7	8.9	11.5	100.6
	MISSISSIPPI[6]	3	3	.2	.9	.1	.2	.7	2.6	1.2	3.8	.1	.1	1.0
	WEST SOUTH CENTRAL DIVISION	84	57	10.8	60.1	9.4	19.1	47.0	98.5	63.2	160.1	8.9	8.2	63.4
	ARKANSAS	9	5	.6	2.8	.6	1.0	2.2	4.6	2.3	6.8	.6	.3	1.8
	LOUISIANA	11	7	1.1	6.7	.9	1.9	5.0	7.4	6.4	13.1	2.8	.9	7.8
	OKLAHOMA	12	9	1.2	6.9	1.1	2.1	5.6	10.6	4.0	14.6	.5	1.0	7.2
	TEXAS	52	36	7.9	43.7	6.8	14.0	34.1	75.9	50.4	125.5	5.0	6.0	46.6
	WEST REGION	166	115	13.8	94.0	11.8	23.0	73.8	153.6	93.8	252.0	15.3	11.8	122.9
	MOUNTAIN DIVISION	20	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	8	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA	4	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH	6	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	146	104	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WASHINGTON	26	16	1.6	11.3	1.4	2.7	9.3	18.3	8.3	26.4	.5	(D)	(D)
	OREGON	18	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	16.3
	CALIFORNIA	101	76	8.0	53.3	7.0	13.5	41.8	94.3	55.2	150.2	6.7	7.4	75.9
333	PRIMARY NONFERROUS METALS	144	121	53.4	405.1	42.2	85.4	300.5	1 381.5	2 426.4	3 714.0	272.8	48.8	1 012.6
	NORTHEAST REGION	32	23	9.3	70.5	6.7	14.5	48.3	171.2	308.7	475.1	11.6	9.6	142.0
	NEW ENGLAND DIVISION	5	3	.2	1.4	.1	.3	1.0	7.6	7.9	13.6	.3	(D)	(D)
	MIDDLE ATLANTIC DIVISION	27	20	9.1	69.1	6.5	14.2	47.2	163.5	300.7	461.4	11.3	(D)	(D)
	NEW YORK	6	4	2.4	18.8	2.0	4.1	14.7	63.0	103.4	163.1	1.9	2.3	57.9
	NEW JERSEY	11	6	3.1	21.7	2.3	5.1	16.0	37.1	103.0	144.4	2.5	(D)	(D)
	PENNSYLVANIA	10	10	3.6	28.6	2.3	5.0	16.6	63.4	94.4	154.0	6.8	(D)	(D)
	NORTH CENTRAL REGION	23	20	6.2	49.8	5.0	10.9	38.6	128.9	314.5	430.3	33.3	5.1	85.6
	EAST NORTH CENTRAL DIVISION	18	16	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OHIO	4	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	INDIANA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	7	7	1.1	8.7	.9	2.1	7.1	10.9	78.2	88.0	10.7	.8	10.5
	MICHIGAN	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST NORTH CENTRAL DIVISION	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEBRASKA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	38	35	22.2	169.2	18.0	35.9	128.6	613.9	723.3	1 303.6	64.2	18.5	393.4
	SOUTH ATLANTIC DIVISION	9	8	3.7	28.6	3.0	5.9	21.4	136.7	180.3	298.8	18.2	3.1	63.8
	MARYLAND	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	7	6	4.3	32.1	3.5	6.8	25.4	98.9	141.4	239.2	18.7	2.9	63.0
	TENNESSEE	5	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(B)	(D)	(D)	(D)
	ALABAMA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	22	21	14.2	108.5	11.5	23.2	81.8	378.3	401.5	765.7	27.3	12.5	266.7
	ARKANSAS	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	LOUISIANA	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	14	14	8.4	65.8	6.6	13.6	48.7	227.1	262.0	475.4	21.5	7.0	148.0
	WEST REGION	51	43	15.7	115.5	12.4	24.1	85.1	467.5	1 079.9	1 505.0	163.6	15.6	391.2
	MOUNTAIN DIVISION	28	26	7.9	53.5	6.2	11.7	39.8	219.2	742.2	953.9	80.6	9.5	220.7
	MONTANA	8	7	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IDAHO	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW MEXICO	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA	8	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.4	57.0
	UTAH	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEVADA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	23	17	7.8	62.0	6.2	12.4	45.2	248.4	337.8	551.1	83.0	6.2	170.5
	WASHINGTON	13	11	5.3	41.8	4.3	8.6	32.0	186.4	227.9	385.9	77.9	4.2	138.1
	OREGON	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	28.4
	CALIFORNIA	7	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
334	SECONDARY NONFERROUS METALS	403	182	17.2	122.8	12.8	26.6	78.4	271.2	1 314.3	1 586.0	23.6	15.4	228.2
	NORTHEAST REGION	158	56	5.6	39.7	4.0	8.0	24.7	89.6	514.2	603.6	5.6	5.6	85.2
	NEW ENGLAND DIVISION	32	9	.4	3.5	.3	.7	2.0	6.8	48.5	54.0	.3	.4	13.8
	MASSACHUSETTS	16	7	.3	2.4	.2	.4	1.3	4.6	30.9	34.2	.2	(D)	(D)
	MIDDLE ATLANTIC DIVISION	126	47	5.1	36.2	3.7	7.3	22.7	82.8	465.8	549.5	5.3	5.3	71.4
	NEW YORK	56	12	1.6	11.0	1.2	2.3	7.4	25.7	135.5	162.2	2.0	1.9	27.9
	NEW JERSEY	35	16	1.6	12.0	1.1	2.3	7.2	34.3	184.0	217.5	1.8	1.7	18.7
	PENNSYLVANIA	35	19	1.9	13.3	1.3	2.7	8.1	22.7	146.2	169.9	1.5	1.7	25.0
	NORTH CENTRAL REGION	123	69	7.3	54.6	5.5	11.7	35.0	115.1	560.8	676.7	12.0	6.1	89.8
	EAST NORTH CENTRAL DIVISION	108	60	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.6	84.7
	OHIO	35	21	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	26.1
	INDIANA	9	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	12.5
	ILLINOIS	35	22	2.7	20.0	1.9	4.0	12.2	40.1	200.1	241.2	1.8	2.6	35.7
	MICHIGAN[e]	21	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	8.0
	WEST NORTH CENTRAL DIVISION	15	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.1
	MISSOURI	8	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.5
	KANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	59	31	2.4	15.0	1.9	4.2	10.5	35.2	147.4	180.4	3.2	2.0	29.4
	SOUTH ATLANTIC DIVISION	24	10	.9	5.9	.7	1.6	4.2	13.1	64.9	75.9	1.3	.8	13.7
	DELAWARE	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	7	3	.2	1.3	.1	.3	.8	2.6	16.6	17.4	.1	.2	4.5
	EAST SOUTH CENTRAL DIVISION	15	9	.7	4.0	.6	1.1	2.8	13.8	36.6	49.6	1.1	.4	4.8
	ALABAMA	7	4	.4	2.5	.4	.7	1.9	7.1	21.9	28.4	(D)	.3	3.5
	WEST SOUTH CENTRAL DIVISION	20	12	.8	5.1	.7	1.5	3.6	8.3	46.0	54.9	.7	.8	10.9
	TEXAS	14	8	.6	3.8	.5	1.1	2.5	6.1	33.4	39.9	.6	.5	8.0
	WEST REGION	63	26	1.9	13.3	1.3	2.7	8.2	31.3	91.8	125.3	2.8	1.8	23.7
	PACIFIC DIVISION	50	24	1.7	12.6	1.2	2.5	7.7	29.5	88.4	120.0	2.8	1.7	22.8
	CALIFORNIA	45	21	1.6	11.5	1.1	2.2	6.9	27.8	82.8	112.3	2.7	1.5	20.0
335	NONFERROUS ROLLING AND DRAWING	833	620	194.9	1 438.4	151.1	313.4	1 027.0	3 324.9	6 657.5	9 925.4	470.0	167.0	2 127.7
	NORTHEAST REGION	355	268	78.3	558.4	60.0	122.7	387.5	1 340.9	2 573.0	3 914.7	149.6	73.3	845.2
	NEW ENGLAND DIVISION	143	115	32.8	225.6	25.9	52.6	162.0	570.5	897.5	1 457.3	53.1	30.8	334.0
	NEW HAMPSHIRE	7	6	.7	4.8	.5	1.1	2.9	11.0	16.5	27.7	.6	(D)	(D)
	VERMONT	6	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.1
	MASSACHUSETTS	46	39	8.1	50.9	6.4	13.5	36.7	133.8	142.5	269.7	9.6	8.2	72.0
	RHODE ISLAND	27	20	6.8	42.5	5.5	11.0	31.1	117.5	180.9	292.2	10.6	6.4	60.6
	CONNECTICUT	55	44	16.1	121.0	12.5	25.1	86.8	293.9	544.5	840.2	26.3	15.3	192.9
	MIDDLE ATLANTIC DIVISION	212	153	45.5	332.9	34.1	70.0	225.5	770.4	1 675.5	2 457.4	96.5	42.5	511.2
	NEW YORK	87	59	18.0	129.3	13.9	27.4	89.2	307.7	751.3	1 063.7	37.6	17.0	211.2
	NEW JERSEY	73	52	14.7	112.5	10.6	22.5	74.7	261.0	610.7	885.2	21.3	13.7	163.6
	PENNSYLVANIA	52	42	12.7	91.1	9.6	20.2	61.6	201.7	313.6	508.5	37.6	11.8	136.4
	NORTH CENTRAL REGION	245	190	61.0	466.3	47.0	99.0	333.4	1 074.4	2 291.8	3 340.2	130.1	53.3	732.9
	EAST NORTH CENTRAL DIVISION	218	171	54.3	409.6	41.7	87.5	292.7	950.2	2 005.8	2 933.1	113.4	48.1	623.9
	OHIO	52	41	11.4	87.2	8.4	17.0	58.7	189.2	383.4	566.1	23.1	(D)	(D)
	INDIANA	40	33	15.6	120.5	11.9	25.4	87.4	309.2	659.4	954.1	48.8	12.7	180.0
	ILLINOIS	65	49	15.4	120.2	11.6	24.8	84.9	265.0	609.0	869.8	30.9	13.9	174.6
	MICHIGAN	55	43	10.1	70.6	8.2	16.9	53.0	160.2	307.7	469.8	6.3	(D)	(D)
	WISCONSIN	6	5	1.8	11.1	1.6	3.3	8.6	26.6	46.1	73.2	4.2	1.9	28.1
	WEST NORTH CENTRAL DIVISION	27	19	6.8	56.7	5.2	11.5	40.7	124.1	286.0	407.1	16.7	5.2	109.0
	IOWA	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	10	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEBRASKA	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	5	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH REGION	129	96	36.0	262.2	28.8	59.5	194.2	560.4	1 212.3	1 745.7	100.4	26.3	374.5
	SOUTH ATLANTIC DIVISION	64	46	17.5	132.4	13.3	27.7	90.7	274.6	595.1	860.4	32.9	13.8	191.8
	DELAWARE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	5	5	4.5	38.1	3.5	6.9	27.3	57.1	158.1	215.6	(D)	4.4	50.7
	VIRGINIA	9	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST VIRGINIA	5	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NORTH CAROLINA	20	16	2.9	17.2	2.3	4.9	11.7	45.4	78.5	124.8	10.0	1.3	25.7
	SOUTH CAROLINA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	GEORGIA	14	9	2.2	12.4	1.8	3.9	9.0	40.6	84.4	124.1	7.7	1.2	11.5
	FLORIDA	7	4	.7	4.4	.5	1.4	3.4	13.3	23.1	36.2	.5	.7	12.6
	EAST SOUTH CENTRAL DIVISION	36	30	15.2	109.6	12.8	25.7	89.0	222.9	525.4	734.2	58.3	10.6	156.3
	KENTUCKY	12	11	2.9	19.5	2.4	5.1	15.1	42.2	118.3	153.7	19.1	(D)	(D)
	TENNESSEE	8	7	6.1	44.9	5.4	10.3	38.6	90.6	148.4	240.6	19.1	(D)	(D)
	ALABAMA	10	7	5.4	41.6	4.4	9.0	32.4	81.9	243.7	316.7	18.7	(D)	(D)
	MISSISSIPPI	6	5	.7	3.7	.6	1.4	2.9	8.2	15.1	23.2	1.4	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	29	20	3.4	20.1	2.7	6.1	14.4	62.9	91.8	151.1	9.3	1.9	26.4
	ARKANSAS	6	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	21	14	2.3	14.3	1.8	4.2	10.0	41.4	57.3	98.0	2.1	1.5	21.7

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture	Cost of materials[2]	Value of shipments[2]	Capital expenditures, new	All employees	Value added by manufacture
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
335	NONFERROUS ROLLING AND DRAWING--CONTINUED													
	WEST REGION	104	66	19.5	151.5	15.3	32.2	111.8	349.2	580.4	924.8	89.9	14.7	175.1
	MOUNTAIN DIVISION	10	4	3.1	23.3	2.4	4.7	17.4	63.8	102.6	164.8	51.9	(D)	(D)
	ARIZONA	5	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEVADA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC DIVISION	94	62	16.4	128.3	12.9	27.5	94.4	285.4	477.8	760.0	37.9	(D)	(D)
	WASHINGTON	8	7	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OREGON	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CALIFORNIA	83	54	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
336	NONFERROUS FOUNDRIES	1 886	798	89.6	609.4	76.0	154.5	464.1	1 067.5	856.7	1 922.0	69.4	69.2	656.5
	NORTHEAST REGION	538	207	23.3	159.1	19.6	40.0	119.4	265.3	196.5	461.5	15.9	20.1	184.2
	NEW ENGLAND DIVISION	169	56	4.3	28.2	3.7	7.6	20.9	47.9	33.6	81.5	2.3	4.1	35.6
	NEW HAMPSHIRE	8	3	.6	3.1	.5	.9	2.2	5.8	1.6	7.3	.1	.4	3.2
	MASSACHUSETTS	74	24	1.3	8.7	1.2	2.4	6.6	15.8	11.0	26.8	.7	1.6	13.7
	RHODE ISLAND	24	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.9
	CONNECTICUT	58	23	2.1	14.5	1.8	3.7	10.6	22.5	17.9	40.5	1.3	1.9	16.4
	MIDDLE ATLANTIC DIVISION	369	151	19.0	130.9	15.9	32.3	98.5	217.3	163.0	380.0	13.6	15.9	148.7
	NEW YORK	154	66	7.0	49.1	5.8	11.8	37.2	76.7	62.3	138.4	5.7	6.2	59.9
	NEW JERSEY	83	36	4.5	31.6	3.7	7.7	23.0	52.4	37.4	90.1	2.9	3.8	33.9
	PENNSYLVANIA	132	49	7.5	50.2	6.4	12.8	38.3	88.2	63.3	151.6	4.9	6.0	54.8
	NORTH CENTRAL REGION	826	392	50.5	352.3	42.8	87.5	269.5	629.3	516.5	1 144.8	38.1	36.6	351.2
	EAST NORTH CENTRAL DIVISION	701	336	44.7	315.7	37.8	77.3	241.3	564.0	467.8	1 030.9	34.2	32.4	313.6
	OHIO	203	91	15.1	107.3	12.5	25.8	81.4	193.2	140.7	334.5	9.6	10.6	109.4
	INDIANA	62	35	5.3	38.5	4.4	8.8	30.0	73.0	73.5	146.4	4.0	3.4	33.4
	ILLINOIS	202	88	9.0	62.1	7.8	16.2	48.1	107.8	96.2	202.6	7.9	7.6	67.7
	MICHIGAN	166	84	10.6	74.3	9.0	18.0	56.2	130.9	106.4	237.5	8.3	7.2	70.3
	WISCONSIN	68	38	4.8	33.4	4.1	8.5	25.5	59.2	51.0	109.9	4.4	3.7	32.8
	WEST NORTH CENTRAL DIVISION	125	56	5.8	36.6	5.0	10.1	28.1	65.3	48.7	113.8	3.9	4.2	37.6
	MINNESOTA	30	15	2.0	14.1	1.8	3.8	11.1	23.5	15.2	38.8	1.5	1.2	10.0
	IOWA	28	10	1.2	6.8	1.0	1.9	4.9	11.5	8.1	19.5	1.1	(D)	(D)
	MISSOURI	47	21	1.9	11.8	1.6	3.2	9.0	21.0	17.3	38.2	1.1	1.8	15.9
	NEBRASKA	7	4	.3	2.0	.3	.5	1.4	5.5	6.2	11.6	.1	(D)	(D)
	KANSAS	13	6	.4	1.9	.3	.7	1.6	3.9	2.0	5.8	.2	.2	1.6
	SOUTH REGION	208	74	6.7	37.9	5.7	11.3	29.0	67.0	67.1	134.2	9.0	5.2	47.7
	SOUTH ATLANTIC DIVISION	77	25	1.4	7.6	1.2	2.4	5.6	13.4	9.9	23.0	.8	1.3	8.7
	MARYLAND	9	4	.3	1.9	.3	.6	1.3	2.9	1.4	4.3	.2	.2	1.7
	WEST VIRGINIA	5	2	.2	1.1	.1	.3	.8	1.5	1.5	2.9	(D)	.1	1.7
	NORTH CAROLINA	12	5	.2	1.1	.2	.4	.8	2.0	1.7	3.7	(Z)	.1	.7
	SOUTH CAROLINA	7	3	.2	.9	.2	.3	.7	1.4	1.1	2.4	.3	.1	.6
	GEORGIA	14	5	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.3
	FLORIDA	23	6	.3	1.3	.2	.4	1.0	2.4	1.5	3.9	.2	.3	1.5
	EAST SOUTH CENTRAL DIVISION	39	21	2.7	17.5	2.3	4.3	13.1	28.1	32.6	60.3	5.7	1.6	17.4
	KENTUCKY	7	5	.8	3.8	.7	1.1	2.7	7.1	5.1	12.2	.8	(D)	(D)
	TENNESSEE	19	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.1
	ALABAMA	11	7	1.4	10.8	1.1	2.2	8.2	15.7	22.6	37.8	(D)	(D)	(D)
	WEST SOUTH CENTRAL DIVISION	92	28	2.6	12.8	2.2	4.5	10.2	25.6	24.7	50.9	2.4	2.3	21.6
	ARKANSAS	10	8	.9	4.4	.8	1.5	3.2	10.3	8.2	19.1	1.3	1.1	11.5
	OKLAHOMA	17	4	.2	1.0	.2	.3	.8	2.4	2.3	4.7	.1	.3	2.6
	TEXAS	61	16	1.4	7.3	1.2	2.7	6.0	12.7	14.0	26.7	1.1	.9	7.2
	WEST REGION	314	125	9.2	60.0	7.9	15.8	46.1	105.9	76.5	181.5	6.4	7.4	73.4
	MOUNTAIN DIVISION	34	11	.6	3.6	.6	1.2	3.0	6.2	3.3	9.4	.3	.3	1.8
	COLORADO	17	4	.3	1.4	.2	.5	1.2	2.4	1.4	3.7	.1	.2	1.2
	ARIZONA	10	4	.3	1.6	.2	.6	1.3	2.5	1.4	3.8	.1	(D)	(D)
	PACIFIC DIVISION	280	114	8.5	56.4	7.3	14.6	43.1	99.7	73.2	172.2	6.1	7.1	71.6
	WASHINGTON	16	6	.3	1.9	.2	.4	1.4	3.0	2.3	5.3	.1	.1	1.4
	OREGON	21	8	.7	4.3	.6	1.1	3.4	7.5	5.7	13.1	.7	.3	2.9
	CALIFORNIA	243	100	7.6	50.2	6.5	13.0	38.3	89.3	65.2	153.8	5.3	6.7	67.3
339	MISC. PRIMARY METAL PRODUCTS	1 272	591	76.0	612.9	60.5	125.0	451.5	1 131.9	1 046.2	2 173.2	112.4	57.6	653.9
	NORTHEAST REGION	351	160	18.1	138.7	14.2	29.4	99.4	273.8	243.2	512.1	22.9	14.5	152.8
	NEW ENGLAND DIVISION	111	43	6.8	54.0	5.2	10.6	37.5	95.7	82.5	174.4	6.4	(D)	(D)
	MAINE	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MASSACHUSETTS	37	17	4.5	37.2	3.4	6.8	26.4	59.5	56.5	114.7	4.2	4.3	38.4
	RHODE ISLAND	16	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.0
	CONNECTICUT	54	20	1.7	12.8	1.3	2.8	8.4	26.3	22.5	47.0	1.7	1.2	15.3
	MIDDLE ATLANTIC DIVISION	240	117	11.4	84.7	9.0	18.8	61.9	178.1	160.7	337.6	16.5	(D)	(D)
	NEW YORK	80	36	2.5	17.1	2.0	4.0	12.4	33.0	20.0	52.4	3.9	2.4	22.9
	NEW JERSEY	66	27	2.6	18.7	2.0	3.9	13.0	43.2	42.3	86.3	4.1	(D)	(D)
	PENNSYLVANIA	94	54	6.3	48.8	5.0	10.8	36.5	101.9	98.5	198.9	8.5	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Industry and geographic area[1]	1967											1963	
		Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
339	MISC. PRIMARY METAL PRODUCTS--CONTINUED													
	NORTH CENTRAL REGION	575	288	43.0	360.6	35.1	71.2	275.0	625.0	607.3	1 234.3	48.1	34.9	400.9
	EAST NORTH CENTRAL DIVISION	518	267	41.7	352.0	34.1	69.2	269.1	607.6	598.7	1 208.6	46.6	34.1	393.7
	OHIO	135	68	10.4	86.8	8.6	17.7	67.5	148.2	172.2	321.4	18.1	9.1	99.4
	INDIANA	57	26	5.6	44.0	4.5	8.8	33.8	82.3	85.5	168.3	5.0	4.2	49.5
	ILLINOIS	123	68	8.8	72.7	7.2	14.9	54.1	127.8	115.2	242.8	7.9	6.5	79.4
	MICHIGAN	169	87	9.6	85.2	8.0	16.6	65.4	148.5	136.7	285.1	8.2	7.9	99.1
	WISCONSIN	34	18	7.3	63.3	5.8	11.3	48.3	100.8	89.1	190.9	7.4	6.3	66.3
	WEST NORTH CENTRAL DIVISION	57	21	1.3	8.6	1.0	2.0	6.0	17.4	8.7	25.8	1.5	.8	7.3
	MINNESOTA	21	7	.4	2.6	.3	.6	1.8	5.2	1.4	6.7	(D)	.3	2.6
	MISSOURI	18	10	.6	4.3	.5	1.0	3.0	9.1	5.4	14.2	.7	.4	3.7
	SOUTH REGION	130	56	7.8	58.8	5.8	13.0	39.1	114.4	112.3	224.3	25.5	4.3	48.4
	SOUTH ATLANTIC DIVISION	44	11	.7	4.7	.6	1.2	3.2	9.5	7.4	16.5	1.5	.3	2.1
	MARYLAND	9	2	.2	1.3	.1	.3	.8	2.7	2.4	5.1	.1	(D)	(D)
	GEORGIA	8	3	.2	1.2	.1	.3	.9	3.0	3.6	6.2	(D)	(D)	(D)
	EAST SOUTH CENTRAL DIVISION	32	15	.9	6.4	.8	1.6	4.8	14.9	22.5	37.0	.9	.7	10.5
	KENTUCKY	6	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TENNESSEE	15	9	.5	3.7	.5	.9	2.8	8.1	12.9	20.8	.5	.4	5.8
	WEST SOUTH CENTRAL DIVISION	54	30	6.2	47.8	4.5	10.2	31.1	89.9	82.4	170.8	23.1	3.4	35.8
	OKLAHOMA	11	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	41	26	5.8	45.1	4.1	9.5	29.6	84.5	78.6	162.2	22.9	3.1	33.0
	WEST REGION	216	87	7.0	54.8	5.5	11.5	38.0	118.8	83.4	202.5	15.9	3.9	51.8
	MOUNTAIN DIVISION	24	8	.4	2.9	.3	.7	2.1	8.9	5.4	13.9	.4	.2	2.9
	PACIFIC DIVISION	192	79	6.6	51.8	5.1	10.8	35.8	109.9	78.0	188.6	15.5	3.7	48.9
	OREGON	6	2	.2	1.5	.1	.2	.9	2.1	2.0	4.1	.1	(D)	(D)
	CALIFORNIA	179	76	6.3	49.7	4.9	10.4	34.4	106.2	75.2	181.7	15.1	3.6	48.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]The value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TABLE 3. Detailed Statistics: 1967

Item	Primary metal industries (SIC 33)	Blast furnace and basic steel products (SIC 331)	Iron and steel foundries (SIC 332)	Primary nonferrous metals (SIC 333)	Secondary nonferrous metals (SIC 334)	Nonferrous rolling and drawing (SIC 335)	Nonferrous foundries (SIC 336)	Miscellaneous primary metal products (SIC 339)
ESTABLISHMENTS, TOTAL ..... NUMBER	6 837	861	1 458	144	403	853	1 886	1 272
WITH 1 TO 19 EMPLOYEES ..... DO	2 755	188	541	23	221	213	1 088	681
WITH 20 TO 99 EMPLOYEES ..... DO	2 266	237	573	31	134	254	593	444
WITH 100 EMPLOYEES OR MORE ..... DO	1 816	436	524	90	48	366	205	147
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	1 281.0	617.3	232.6	53.4	17.2	194.9	89.6	76.0
PAYROLL FOR YEAR, ALL EMPLOYEES ... MILLION DOLLARS	9 850.9	5 021.9	1 640.5	405.1	122.8	1 438.4	609.3	612.9
PRODUCTION WORKERS:								
AVERAGE FOR YEAR 1,000	1 041.5	500.8	198.3	42.2	12.8	151.1	76.0	60.5
MARCH ..... DO	1 065.7	506.3	205.5	47.7	12.9	157.1	76.4	61.8
MAY ..... DO	1 048.5	500.3	197.6	47.6	12.9	153.6	75.6	60.9
AUGUST ..... DO	1 031.2	500.4	197.2	37.7	12.7	147.0	75.7	60.5
NOVEMBER ..... DO	1 020.7	496.5	194.5	35.7	12.4	146.5	76.1	59.0
MAN-HOURS ..... MILLIONS	2 088.7	981.6	402.1	85.4	26.6	313.4	154.5	125.0
JANUARY-MARCH ..... DO	546.6	253.3	105.3	24.5	6.7	84.4	39.8	32.6
APRIL-JUNE ..... DO	532.4	245.7	103.7	24.6	6.7	81.4	38.5	31.8
JULY-SEPTEMBER ..... DO	494.8	236.3	94.5	18.5	6.4	72.4	36.9	29.8
OCTOBER-DECEMBER ..... DO	514.8	246.3	98.6	17.8	6.7	75.2	39.3	30.8
WAGES ..... MILLION DOLLARS	7 457.3	3 829.2	1 306.7	300.5	78.4	1 027.0	464.0	451.5
COST OF MATERIALS, ETC., TOTAL[1] ..... DO	27 219.9	13 287.2	1 632.0	2 426.3	1 314.0	6 657.5	856.7	1 046.2
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . DO	24 444.2	11 948.0	1 358.7	2 129.6	1 012.9	6 351.2	725.0	918.8
COST OF RESALES ..... DO	718.5	170.7	81.6	38.2	273.8	118.6	18.9	16.7
FUELS CONSUMED ..... DO	942.2	641.2	100.2	72.8	12.7	53.4	19.4	42.5
PURCHASED ELECTRIC ENERGY ..... DO	693.5	329.9	65.9	171.1	4.7	76.7	18.1	27.1
CONTRACT WORK ..... DO	421.7	197.5	25.7	14.6	9.9	57.5	75.4	41.1
VALUE OF SHIPMENTS, INCLUDING RESALES[1] ..... DO	46 730.9	23 121.0	4 289.3	3 714.0	1 586.0	9 925.4	1 922.0	2 173.2
VALUE OF RESALES ..... DO	783.3	189.2	90.8	43.1	276.4	140.6	23.1	20.1
VALUE ADDED BY MANUFACTURE ..... DO	19 978.2	10 170.1	2 631.0	1 381.5	271.2	3 324.9	1 067.5	1 131.9
MANUFACTURERS' INVENTORIES:								
BEGINNING OF YEAR, TOTAL ..... DO	7 470.5	4 242.4	446.9	468.7	165.0	1 655.8	169.6	322.1
FINISHED PRODUCTS ..... DO	2 009.4	1 214.9	143.1	114.9	72.3	395.6	28.6	40.0
WORK IN PROCESS ..... DO	2 436.4	1 082.3	138.2	218.0	36.7	773.8	69.0	118.4
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	3 024.6	1 945.1	165.6	135.8	56.0	486.4	72.0	163.7
END OF YEAR, TOTAL ..... DO	8 001.4	4 606.8	414.2	591.9	174.6	1 724.2	171.4	318.6
FINISHED PRODUCTS ..... DO	2 208.2	1 340.2	135.0	143.5	68.0	447.4	31.8	42.4
WORK IN PROCESS ..... DO	2 704.4	1 293.1	120.1	283.3	40.2	778.9	68.0	120.9
MATERIALS, SUPPLIES, FUEL, ETC. ..... DO	3 089.0	1 973.6	159.2	165.1	66.4	498.0	71.5	155.3
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .. DO	3 211.6	1 921.7	290.5	284.4	24.3	494.2	74.4	122.2
NEW PLANT AND EQUIPMENT, TOTAL ..... DO	3 134.1	1 911.0	275.0	272.8	23.6	470.0	69.4	112.4
NEW STRUCTURES AND ADDITIONS TO PLANT ... DO	689.9	389.8	63.6	88.9	7.5	97.4	16.9	25.8
NEW MACHINERY AND EQUIPMENT ..... DO	2 444.3	1 521.1	211.4	184.0	16.1	372.7	52.5	86.6
USED PLANT AND EQUIPMENT ..... DO	77.5	10.7	15.5	11.6	.7	24.2	5.0	9.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. NA Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand or under 50 employees).

[1]The value of shipments and cost of materials for industry groups (2 and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

BLAST FURNACES, STEEL WORKS, AND ROLLING AND FINISHING MILLS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3312--Blast Furnaces (Including Coke Ovens), Steel Works, and Rolling Mills
3313--Electrometallurgical Products
3315--Steel Wiredrawing and Steel Nails and Spikes
3316--Cold Rolled Steel Sheet, Strip, and Bars
3317--Steel Pipe and Tubes

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3312--BLAST FURNACES (INCLUDING COKE OVENS), STEEL WORKS, AND ROLLING MILLS

This industry comprises establishments primarily engaged in manufacturing hot metal, pig iron, silvery pig iron, and ferroalloys from iron ore and iron and steel scrap; converting pig iron, scrap iron, and scrap steel into steel; and in hot rolling iron and steel into basic shapes such as plates, sheets, strips, rods, bars, and tubing. Merchant blast furnaces and byproduct or beehive coke ovens are also included in this industry. For a detailed list of products of industry 3312, refer to table 6A-1, product codes 3312111 to 3312041.

The code number as well as the definition of this industry was unchanged between 1963 and 1967.

Included in this industry are all establishments engaged in the manufacture of blast furnace ferroalloys. However, establishments which manufacture ferro or nonferrous additive alloys by electrometallurgical process are classified in industry 3313, Electrometallurgical Products. Also, establishments which draw wire from purchased rod and bar; establishments which perform only cold rolling, drawing, or finishing operations; and establishments which produce welded, seamless, and heavy riveted pipe from purchased materials are not included in industry 3312, but are included in industry 3315, Steel Wire and Related Products; industry 3316, Cold Finishing of Steel Shapes; and industry 3317, Steel Pipe and Tubes, respectively.

Total cost of materials and the total value of shipments in industry 3312 include extensive duplication resulting from the use of the products of some establishments as materials by others. Some quantities of coke are transferred to blast furnaces which have no affiliated

coke ovens, and considerable quantities of pig iron are transferred from blast furnaces to partially integrated mills. In addition, steel ingots, semifinished shapes, and finished shapes and forms are transferred from one establishment to another for further processing. The value of such shipments appears twice in the total value of shipments; and a corresponding duplication enters into the total cost of materials, etc. This duplication does not exist in the data on value added by manufacture.

As a means of developing a net value of shipments figure, the cost of steel shapes received by establishments in industry 3312 was collected as a separate materials consumed item, and, as shown in table 7A, totaled approximately $2.35 billion. In addition, the cost of pig iron consumed in this industry totaled approximately $0.42 billion. Also, the cost of coke used as a fuel in this industry totaled $0.17 billion. On this basis, the value of materials shipped or transferred between plants within this industry totaled approximately $2.94 billion. Subtracting this value from the total value of shipments of approximately $19.62 billion gives a net value (excluding duplication) of $16.68 billion. A similar adjustment to the total cost of materials, supplies, etc., figure provides a net cost figure of $7,061 million. Adjusting the cost of fuels on this same basis provides a net cost of fuels of $436 million.

Based on departmental operations data it was possible to further classify the establishments of this industry into four subindustries, i.e., fully integrated establishments, partially integrated establishments with blast furnaces, partially integrated establishments without blast furnaces, and nonintegrated establishments. For purposes of this classification system an establishment was defined as follows: fully integrated if the establishment consisted of coke ovens, blast furnaces, steel furnaces, and rolling and finishing mills; partially integrated establishment with blast furnaces if the establishment consisted of blast furnaces, steel furnaces, and rolling and finishing mills; partially integrated establishment without blast furnaces if the establishment consisted of steel furnaces and either rolling and finishing mills or a forging department; nonintegrated for all other establishments including beehive coke ovens, byproduct coke ovens operated independently of blast furnaces and steel departments, merchant blast furnaces and establishments with hot rolling and finishing operations.

In a few cases, operations which are in fact fully integrated are classified as partially integrated or nonintegrated because separate reports were collected either because the operations are conducted in different cities or counties, or the company treats the operations separately for their own administrative reasons.

The subindustry data shown in tables 1, 2, and 4 are based on this system of classification.

The 1967 census obtained data on shipments of steel mill shapes at broad product class levels only. This is the source of the data in table 6A-1 described "As reported in census of manufactures." More detailed product data were obtained on Annual Survey Form MA-33B, and published in Current Industrial Reports Series MA-33B, Steel Mill Products. These data are shown in tables 6A-2 and 6A-3.

Annual Survey Form MA-33B obtained data on the total production of steel at three broad levels of output: ingots; semifinished shapes and forms (blooms, billets, wire rods, skelp, etc.); and finished mill shapes and forms. For each of these groups, the steel mills were requested to report production in the form in which the shape (a) passed from one group to the next, (b) was shipped from the establishment, or (c) was consumed in the establishment in the manufacture of fabricated products. The production figures shown in tables 6A-2 and 6A-3 include data on production derived from this method of reporting. Production figures shown for ingots represent the total production of ingots. Production figures shown for finished shapes and forms are the tonnages of these shapes produced at the steel mill for shipments (either outside the steel industry, or to other steel mills) or for consumption in the manufacture of fabricated products. The production of all semi-

finished shapes and forms combined represent total production of semifinished shapes and forms for sale and transfer and also for use in the same plant in the manufacture of either other steel mill shapes or fabricated products.

Net shipments of steel products (as derived from Survey Form MA-33B) including both the shipments to establishments outside the steel industry and the amounts consumed in the steel mills in the production of fabricated products and for maintenance, repair, and operating supplies, are shown in table 6A-4.

The figures on steel mill shapes shown in tables 6A-1 to 6A-4 include the manufacture of these products in separate cold rolling and drawing establishments, wire drawing plants, and pipe mills as well as steel mills. The receipts of steel at these plants have been taken into account in deriving the net shipment figures shown in table 6A-4.

While the primary products of the industry include a broad range of products, the establishments tend to group themselves into specific product classes within the industry. The extent of this specialization is indicated in table 8.

Data on shipments of pig iron, by grade, are published by the Bureau of Mines in its Minerals Yearbook. These data are reprinted in table 6A-5 and differ from the data reported in the census in that they include the tonnages of pig iron produced and consumed in the same establishment. Other differences of minor consequence also exist.

3313--ELECTROMETALLURGICAL PRODUCTS

This industry comprises establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrometallurgical processes, including high percentage ferroalloys and high percentage nonferrous additive alloys. For a detailed list of products of industry 3313, refer to table 6A, product codes 3313111 to 3313498.

The code number as well as the definition of this industry was unchanged between 1963 and 1967.

Value of shipments and other receipts of the Electrometallurgical Products Industry in 1967 totaled $468 million. This included shipments of electrometallurgical products (primary products), valued at $398 million.

This industry's shipments of electrometallurgical products (primary products) in 1967 represented 85-90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was also 85-90 percent.

Industry 3313 shipments of electrometallurgical products (primary products) in 1967 represented 82 percent (coverage ratio) of these products valued at $483 million shipped by all industries. In 1963, the coverage ratio was 77 percent. Other industries shipping electrometallurgical products (primary products) consisted mainly of industry 3312, Blast Furnaces and Steel Mills, $63 million.

3315--STEEL WIREDRAWING AND STEEL NAILS AND SPIKES

This industry comprises establishments primarily engaged in drawing wire from purchased iron or steel rods, bars, or wire and which may be engaged in the further manufacture of products made from wire; and those primarily engaged in manufacturing steel nails and spikes from purchased material. Rolling mills engaged in the production of ferrous wire from wire rods or hot rolled bars produced in the same establishment are classified in industry 3312. Establishments primarily engaged in drawing nonferrous wire are classified in Group 335. For a detailed list of products of industry 3315, refer to table 6A, product codes 3315111 to 3315998.

The code number as well as the definition of this industry was unchanged between 1963 and 1967.

Value of shipments and other receipts of the Steel Wire and Related Products Industry in 1967 totaled $845 million. This included shipments of steel wire and related (primary products), valued at $738 million, shipments of other products (secondary products) valued at $80 million, and miscellaneous receipts (mainly receipts for resales) of $27 million.

This industry's shipments of steel wire and related products (primary products) in 1967 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 89 percent.

Industry 3315 shipments of steel wire and related products (primary products) in 1967 represented 37 percent (coverage ratio) of these products valued at $2,004 million shipped by all industries. In 1963, the coverage ratio was 30 percent. Other industries shipping steel wire and related products (primary products) consisted mainly of industry 3312, Blast Furnaces and Steel Mills, $667 million; and industry 3481, Miscellaneous Fabricated Wire Products, $486 million.

3316--COLD ROLLED STEEL SHEET, STRIP, AND BARS

This industry comprises establishments primarily engaged in (1) cold rolling steel sheets and strip from purchased hot rolled sheets; (2) cold drawing steel bars and steel shapes from purchased hot rolled steel bars; and (3) producing other cold finished steel. Establishments primarily engaged in the production of steel, including hot rolled steel sheets, and further cold rolling such sheets are classified in industry 3312.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Cold Finishing of Steel Shapes Industry in 1967 totaled $1,039 million. This included shipments of cold rolled steel, shapes (primary products), valued at $913 million, shipments of other products (secondary products) valued at $109 million, and miscellaneous receipts of $17 million.

This industry's shipments of cold rolled sheet, strip, and bars (primary products) in 1967 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent.

Industry 3316 shipments of cold rolled steel shapes (primary products) in 1967 represented 24 percent (coverage ratio) of these products valued at $3,809 million shipped by all industries. In 1963, the coverage ratio was 20 percent. Other industries shipping cold rolled sheet, strip, and bars (primary products) consisted mainly of industry 3312, Blast Furnaces and Steel Mills, $2,864 million.

3317--STEEL PIPE AND TUBES

This industry comprises establishments primarily engaged in the production of welded or seamless steel pipe and tubes and heavy riveted steel pipe from purchased materials. Establishments primarily engaged in the production of steel, including steel skelp or steel blanks, tube rounds, or pierced billets are classified in industry 3312.

The code number as well as the definition of this industry was unchanged between 1963 and 1967.

Value of shipments and other receipts of the Steel Pipe and Tubes Industry in 1967 totaled $1,149 million. This included shipments of steel pipe and tubes (primary products), valued

at $995 million, shipments of other products (secondary products) valued at $118 million, and miscellaneous receipts (mainly receipts for resales) of $36 million.

This industry's shipments of steel pipe and tubes (primary products) in 1967 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 91 percent.

Industry 3317 shipments of steel pipe and tubes (primary products) in 1967 represented 38 percent (coverage ratio) of these products valued at $2,629 million shipped by all industries. In 1963, the coverage ratio was 37 percent. Other industries shipping steel pipe and tube (primary products) consisted mainly of industry 3312, Blast Furnaces and Steel Mills, $1,554 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For each of the industries included in this report, these establishments accounted for less than 1 percent of payroll and value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3312.--BLAST FURNACES AND STEEL MILLS[3]														
1967 Census....	329	259	533.1	4,385.3	434.0	845.4	3,368.4	8,910.1	10,997.9	19,620.6	1,661.0	3,936.6	(NA)	(NA)
1966 ASM[1].....	(NA)	(NA)	559.4	4,540.7	460.4	904.9	3,554.1	9,643.6	11,829.5	21,193.9	1,595.9	3,644.5	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	565.4	4,431.6	464.5	912.9	3,498.5	9,379.8	11,387.3	20,841.7	1,364.0	3,218.5	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	532.9	4,117.9	443.9	880.9	3,249.7	8,479.6	10,537.9	18,840.1	1,282.9	3,248.2	(NA)	(NA)
1963 Census....	288	247	500.5	3,711.6	412.3	791.4	2,892.0	7,506.4	8,958.7	16,418.0	908.4	3,146.6	(NA)	(NA)
1962 ASM[1].....	(NA)	(NA)	502.2	3,612.1	406.6	764.6	2,753.2	6,620.9	8,698.8	15,571.6	707.8	3,179.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	503.4	3,523.2	409.1	767.6	2,670.2	6,546.3	8,529.9	14,873.3	805.5	3,353.0	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	550.0	3,629.4	449.6	831.8	2,777.2	6,844.4	8,917.3	15,738.8	1,190.7	3,058.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	507.5	3,448.4	419.4	776.5	2,636.7	6,823.4	8,533.1	15,628.7	669.3	2,812.5	(NA)	(NA)
1958 Census[2]...	291	260	511.4	3,183.5	417.2	765.9	2,416.0	6,062.2	7,472.0	13,422.6	959.0	2,997.2	(NA)	(NA)
1967.....	329	259	533.1	4,385.3	434.0	845.4	3,368.4	8,910.1	10,997.9	19,620.6	1,661.0	3,936.6	(NA)	(NA)
Fully integrated works	35	35	289.8	2,386.3	237.6	459.1	1,955.7	4,912.0	4,908.9	9,656.3	936.2	1,978.7	(NA)	(NA)
Partially integrated works: With blast furnaces[4].	11	11	54.6	451.8	44.9	89.7	342.6	1,152.7	1,173.1	2,288.9	167.4	391.1	(NA)	(NA)
Without blast furnaces[4]....	78	78	116.4	964.6	93.3	183.9	729.0	1,855.4	2,184.6	4,009.2	256.5	780.2	(NA)	(NA)
Nonintegrated works[4].....	205	135	72.3	582.5	58.2	113.3	441.1	989.9	2,731.2	666.2	300.9	786.6	(NA)	(NA)
1963.....	288	247	500.6	3,711.6	412.3	791.4	2,892.0	7,506.4	8,958.7	16,418.0	908.4	3,146.6	(NA)	(NA)
Fully integrated works	34	34	268.6	2,002.0	221.9	425.4	1,573.0	4,233.4	3,786.2	7,999.1	431.4	1,574.9	(NA)	(NA)
Partially integrated works: With blast furnaces[4].	12	12	53.3	394.5	44.9	84.4	314.4	847.5	976.0	1,804.3	219.5	359.6	(NA)	(NA)
Without blast furnaces[4].	80	80	112.0	839.3	90.7	177.9	637.2	1,574.0	1,821.5	3,380.1	101.3	580.7	(NA)	(NA)
Nonintegrated works[4].....	162	121	66.6	475.9	54.8	103.7	367.4	851.5	2,375.0	3,234.5	156.2	631.4	(NA)	(NA)
1958.....	291	260	511.3	3,183.5	417.2	765.9	2,416.0	6,062.2	7,472.0	13,422.6	959.0	2,997.2	(NA)	(NA)
Fully integrated[4].....	37	37	272.9	1,692.8	255.6	414.6	1,312.0	3,410.5	(NA)	(NA)	446.2	1,449.8	(NA)	(NA)
Partially integrated works[4].....	93	93	164.3	1,029.9	131.8	241.0	759.3	1,768.6	(NA)	(NA)	386.1	960.4	(NA)	(NA)
Nonintegrated works[4].....	161	130	74.3	460.7	59.8	110.3	344.6	883.2	(NA)	(NA)	117.7	587.0	(NA)	(NA)
INDUSTRY 3313.--ELECTROMETALLURGICAL PRODUCTS														
1967 Census....	34	31	10.4	79.0	8.4	17.2	58.6	193.2	289.9	467.9	29.3	114.0	85-90	82
1966 ASM[1].....	(NA)	(NA)	10.3	75.5	8.3	17.0	56.0	197.8	303.5	509.3	23.6	105.4	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	10.9	76.7	9.0	18.5	59.3	216.8	272.4	479.0	20.7	95.9	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	11.0	76.4	9.0	18.7	59.0	150.8	269.3	437.3	17.6	76.0	(NA)	(NA)
1963 Census....	36	30	10.4	68.9	8.2	16.6	50.8	145.5	228.0	382.1	13.4	93.9	85-90	77
1962 ASM[1].....	(NA)	(NA)	11.0	72.4	8.3	17.5	51.5	160.9	231.5	386.4	15.9	109.9	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	11.1	70.3	8.4	17.0	49.0	146.9	231.6	399.6	9.0	100.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	12.5	76.1	9.3	18.4	52.5	145.3	242.4	380.7	17.2	126.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	13.3	80.1	10.1	20.4	56.0	184.6	266.1	456.8	14.3	125.1	(NA)	(NA)
1958 Census[2]...	37	35	12.7	71.9	9.3	19.0	49.0	178.9	221.5	399.1	17.0	130.8	91	76
INDUSTRY 3315.--STEEL WIRE AND RELATED PRODUCTS														
1967 Census....	240	171	27.3	194.8	21.7	44.1	138.0	385.6	467.5	845.2	56.9	162.2	90	37
1966 ASM[1].....	(NA)	(NA)	25.2	179.4	19.9	42.7	130.0	352.9	448.4	799.6	22.5	147.9	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	24.0	165.8	18.9	39.8	118.7	332.3	422.2	750.3	20.5	148.2	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	22.1	146.9	17.3	35.2	104.3	283.5	370.5	647.1	19.0	112.2	(NA)	(NA)
1963 Census....	200	133	21.3	134.6	16.9	34.4	97.1	253.0	336.7	592.3	14.0	110.4	89	30
1962 ASM[1].....	(NA)	(NA)	19.8	126.5	15.5	30.8	90.6	224.7	296.1	517.2	14.9	102.7	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	19.8	121.9	15.5	30.7	87.3	221.3	283.0	500.3	12.4	101.8	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	20.6	122.1	16.7	31.9	86.9	218.5	284.7	498.3	12.8	95.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	21.0	125.0	16.8	32.6	90.1	234.4	304.2	536.2	11.3	91.8	(NA)	(NA)
1958 Census[2]...	170	103	19.2	110.2	15.1	29.1	78.4	196.2	260.5	452.1	12.0	90.0	88	26

See footnotes at end of table.

TABLE 1A. General Statistics: 1958 to 1967—Continued

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 3316.--COLD FINISHING OF STEEL SHAPES													
1967 Census....	107	86	19.5	154.9	14.9	29.8	108.8	269.1	777.5	1,038.7	126.0	188.4	89	24
1966 ASM[1].....	(NA)	(NA)	17.0	135.7	13.3	28.1	99.1	306.6	673.8	975.7	22.5	142.1	NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	16.0	124.4	12.5	26.4	92.7	285.7	634.7	917.7	20.8	138.4	(NA)	(NA)
1964 ASM[1].....	NA)	(NA)	14.2	108.3	10.9	23.7	79.3	222.8	583.0	798.1	11.8	130.0	(NA)	(NA)
1963 Census....	81	68	13.7	99.6	10.6	21.8	71.5	224.0	530.0	751.6	14.9	109.4	94	20
1962 ASM[1].....	(NA)	(NA)	12.0	87.5	9.3	19.3	65.8	194.2	495.8	690.2	*14.0	108.3	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	11.4	79.6	8.8	17.7	58.4	158.1	439.8	597.6	12.8	112.5	(NA)	(NA)
1960 ASM[1].....	NA)	(NA)	12.4	83.2	9.8	19.3	62.2	173.5	472.2	634.9	*13.1	96.8	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	12.1	82.2	9.4	18.6	58.6	191.2	451.6	645.6	10.2	82.4	(NA)	(NA)
1958 Census[2]...	78	63	10.9	67.1	8.5	16.0	47.2	141.5	338.5	477.8	25.7	91.3	95	18
	INDUSTRY 3317.--STEEL PIPE AND TUBES													
1967 Census....	151	126	27.0	207.9	21.8	45.1	155.4	412.1	754.4	1,148.6	37.8	205.6	89	38
1966 ASM[1].....	(NA)	(NA)	26.0	194.7	20.9	44.7	144.4	416.5	668.6	1,072.3	28.0	180.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	24.7	175.2	19.6	41.4	129.3	379.8	612.4	976.3	26.3	165.9	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	23.4	164.6	18.7	39.9	121.4	293.2	580.7	903.3	*31.5	145.1	(NA)	(NA)
1963 Census....	141	115	22.9	153.1	18.3	37.9	113.7	295.2	517.3	809.0	23.6	152.0	91	37
1962 ASM[1].....	(NA)	(NA)	25.0	163.5	19.5	39.0	116.2	311.1	582.4	907.5	26.0	179.5	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	24.8	156.4	19.6	38.6	112.4	290.3	548.4	825.6	*25.8	183.1	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	26.2	160.0	20.9	40.6	114.7	322.2	588.4	886.9	22.3	164.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	25.6	161.8	20.4	40.8	117.1	366.4	625.8	981.5	18.4	143.5	(NA)	(NA)
1958 Census[2]...	136	101	23.9	138.1	19.4	38.0	103.8	284.1	496.1	780.7	15.1	136.9	92	40

Note: In 1967, 1963, and 1958, the number of companies in industry 3312 was 200, 161, and 148, respectively; in industry 3313: 21, 20, and 19; industry 3315: 200, 171, and 151; industry 3316: 77, 59, and 58; industry 3317: 123, 114, and 112. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. *These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

[3]The value of shipments and cost of materials for this industry include extensive duplications arising from shipments between establishments in the same industry classification. For further explanations see text.

[4]Definitions are as follows: Fully integrated works are establishments having coke ovens, blast furnaces, steel works, and rolling and finishing mills or a forging department; partially integrated works with blast furnaces are establishments having blast furnaces, steel works, and rolling and finishing mills or a forging department; partially integrated works without blast furnaces are establishments having steel works, and rolling and finishing mills or a forging department; nonintegrated works represent all other types of establishments in this industry including beehive coke ovens, byproduct coke ovens operated independently of blast furnaces and steel departments; merchant blast furnaces, and establishments with hot-rolling and finishing operations. In a few cases, operations which are, in fact, fully integrated, are classified as partially integrated or nonintegrated because separate establishment reports were collected either because the operations are conducted in different cities or towns, or the company treats the operations separately for their own administrative reasons.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3312.--BLAST FURNACES AND STEEL MILLS								
1967 Census	8,226	81	1,949	3.98	.56	.78	16,714	49	10.54
1966 ASM	8,117	82	1,966	3.93	.56	.77	17,239	47	10.66
1965 ASM	7,839	82	1,965	3.83	.55	.76	16,591	47	10.27
1964 ASM	7,728	83	1,985	3.69	.56	.78	15,913	49	9.63
1963 Census	7,415	82	1,919	3.65	.55	.77	14,998	49	9.48
1962 ASM	7,192	81	1,880	3.60	.56	.79	13,184	55	8.66
1961 ASM	6,999	81	1,876	3.48	.57	.81	13,004	54	8.53
1960 ASM	6,599	82	1,850	3.34	.57	.80	12,445	53	8.23
1959 ASM	6,794	83	1,852	3.40	.55	.77	13,444	51	8.79
1958 Census	6,225	82	1,836	3.15	.56	.79	11,854	53	7.91
	INDUSTRY 3313.--ELECTROMETALLURGICAL PRODUCTS								
1967 Census	7,596	81	2,048	3.41	.62	.79	18,577	41	11.23
1966 ASM	7,356	81	2,035	3.30	.60	.74	19,261	38	11.65
1965 ASM	7,061	83	2,063	3.21	.57	.73	19,948	35	11.71
1964 ASM	6,948	82	2,079	3.15	.62	.79	13,716	51	8.05
1963 Census	6,600	78	2,031	3.07	.60	.78	13,941	47	8.78
1962 ASM	6,614	76	2,096	2.95	.60	.79	14,688	45	9.20
1961 ASM	6,344	76	2,013	2.89	.58	.76	13,263	48	8.66
1960 ASM	6,064	74	1,975	2.86	.64	.84	11,581	52	7.90
1959 ASM	6,004	76	2,026	2.74	.58	.76	13,842	43	9.04
1958 Census	5,665	73	2,038	2.58	.55	.74	14,097	40	9.43
	INDUSTRY 3315.--STEEL WIRE AND RELATED PRODUCTS								
1967 Census	7,136	79	2,032	3.13	.55	.78	14,124	51	8.74
1966 ASM	7,128	79	2,144	3.04	.56	.79	14,023	51	8.26
1965 ASM	6,909	79	2,108	2.98	.56	.78	13,846	50	8.35
1964 ASM	6,645	78	2,034	2.96	.57	.80	12,827	52	8.06
1963 Census	6,327	79	2,033	2.82	.57	.80	11,890	53	7.36
1962 ASM	6,378	78	1,991	2.94	.57	.82	11,333	56	7.28
1961 ASM	6,158	78	1,984	2.84	.57	.81	11,178	55	7.21
1960 ASM	5,935	81	1,910	2.72	.57	.82	10,623	56	6.84
1959 ASM	5,959	80	1,945	2.76	.57	.80	11,176	53	7.19
1958 Census	5,724	79	1,927	2.69	.58	.82	10,192	56	6.73
	INDUSTRY 3316.--COLD FINISHING OF STEEL SHAPES								
1967 Census	7,944	76	2,000	3.65	.75	.90	13,800	58	9.03
1966 ASM	7,998	78	2,116	3.53	.69	.83	18,066	44	10.91
1965 ASM	7,767	78	2,105	3.51	.69	.83	17,841	44	10.82
1964 ASM	7,626	76	2,182	3.35	.73	.87	15,692	49	9.41
1963 Census	7,267	78	2,055	3.28	.71	.84	16,349	44	10.26
1962 ASM	7,278	78	2,063	3.41	.72	.85	16,140	45	10.07
1961 ASM	6,985	77	2,008	3.30	.74	.87	13,875	50	8.94
1960 ASM	6,686	78	1,974	3.23	.74	.87	13,947	48	9.01
1959 ASM	6,815	78	1,983	3.15	.70	.83	15,856	43	10.27
1958 Census	6,130	78	1,881	2.94	.71	.85	12,932	47	8.82
	INDUSTRY 3317.--STEEL PIPE AND TUBES								
1967 Census	7,700	81	2,069	3.45	.66	.84	15,262	50	9.14
1966 ASM	7,488	80	2,140	3.23	.62	.81	16,023	47	9.32
1965 ASM	7,098	79	2,111	3.12	.63	.81	15,388	46	9.18
1964 ASM	7,022	80	2,139	3,04	.64	.83	12,506	56	7.34
1963 Census	6,693	80	2,072	3.00	.64	.83	12,903	52	7.80
1962 ASM	6,539	78	1,994	2.98	.64	.82	12,442	53	7.98
1961 ASM	6,316	79	1,963	2.92	.66	.85	11,725	54	7.53
1960 ASM	6,105	80	1,945	2.83	.66	.84	12,294	50	7.94
1959 ASM	6,327	80	2,001	2.87	.64	.80	14,330	44	8.97
1958 Census	5,777	81	1,958	2.73	.64	.81	11,881	49	7.48

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3312-- BLAST FURNACES AND STEEL MILLS													
UNITED STATES	329	259	533.1	4 385.3	434.0	845.4	3 368.4	8 910.1	10 997.9	19 620.6	1 661.0	500.5	7 699.5
NORTHEAST REGION	124	100	199.6	1 595.7	161.7	308.7	1 221.8	3 147.0	3 901.8	6 937.6	488.6	183.2	2 471.2
NEW ENGLAND DIVISION	8	6	3.1	25.1	2.4	4.7	17.9	57.2	52.7	107.8	4.3	2.7	33.7
MASSACHUSETTS	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
RHODE ISLAND	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	116	94	196.5	1 570.6	159.4	304.0	1 203.9	3 089.8	3 849.1	6 829.8	484.4	180.4	2 437.5
NEW YORK	25	19	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	27.4	395.4
NEW JERSEY	10	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.8	31.9
PENNSYLVANIA	81	71	164.9	1 318.5	134.0	254.7	1 009.5	2 660.9	3 299.6	5 872.2	479.6	150.3	2 010.1
NORTH CENTRAL REGION	104	85	217.4	1 828.3	178.7	353.9	1 415.2	3 843.0	5 195.1	8 914.0	883.4	206.9	3 382.5
EAST NORTH CENTRAL DIVISION	94	79	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	33	32	79.9	647.7	66.9	132.5	510.8	1 429.9	1 866.8	3 273.5	305.3	79.6	1 268.8
INDIANA	14	11	62.8	531.5	50.7	100.6	405.8	1 072.0	1 643.3	2 648.9	333.8	57.0	1 019.3
ILLINOIS	28	24	43.9	373.7	35.6	70.0	282.3	748.1	784.7	1 509.6	(D)	41.6	547.2
MICHIGAN	17	10	22.3	206.3	18.6	37.4	163.5	470.8	774.9	1 243.3	(D)	21.3	433.6
WISCONSIN	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	10	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MINNESOTA	5	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	5	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	61	49	84.1	695.2	68.5	132.0	531.4	1 401.9	1 302.9	2 668.8	243.8	82.0	1 401.1
SOUTH ATLANTIC DIVISION	24	19	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
DELAWARE	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MARYLAND	4	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	8	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	7.5
WEST VIRGINIA	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	28	26	29.5	240.3	24.4	46.5	184.7	501.0	443.9	931.2	89.6	(D)	(D)
KENTUCKY	7	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.4	100.3
TENNESSEE	5	5	1.2	6.5	1.1	2.1	5.4	14.6	9.2	23.2	(D)	1.4	10.3
ALABAMA	14	14	20.9	171.6	17.3	32.4	129.6	353.4	298.7	640.4	44.3	[2](D)	[2](D)
MISSISSIPPI	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	9	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OKLAHOMA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	5	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	40	25	31.9	266.2	25.1	50.8	200.2	518.2	598.0	1 100.2	45.3	28.4	444.8
MOUNTAIN DIVISION	3	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
COLORADO	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
UTAH	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	37	23	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	4	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OREGON	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	30	18	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	15.8	228.2
HAWAII	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3312-11 FULLY INTEGRATED[3]													
UNITED STATES	35	35	289.8	2 386.3	237.1	459.1	1 855.3	4 912.1	4 908.9	9 656.2	936.2	268.6	4 426.5
NORTHEAST REGION	10	10	91.1	927.9	74.4	141.2	568.6	1 391.3	1 442.9	2 773.7	281.1	83.0	1 203.3
MIDDLE ATLANTIC DIVISION	10	10	91.1	927.9	74.4	141.2	568.6	1 391.3	1 442.9	2 773.7	281.1	83.0	1 203.3
NEW YORK	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	7	7	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	16	16	118.6	986.4	98.6	192.3	777.7	2 109.3	2 248.8	4 311.6	480.1	107.8	1 832.6
EAST NORTH CENTRAL DIVISION	15	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	8	8	47.8	381.2	40.3	76.6	304.5	754.0	1 064.7	1 805.6	247.2	40.0	618.7
INDIANA	3	3	48.3	403.9	39.6	78.6	314.4	963.8	826.6	1 767.9	160.7	45.3	850.7
ILLINOIS	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	1	1	FF	(D)	(D)	(D)	(D)	(D)	D	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MINNESOTA	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	6	6	59.8	504.4	48.5	92.4	382.7	1 046.1	892.4	1 902.2	149.2	59.9	1 104.7
SOUTH ATLANTIC DIVISION	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ALABAMA	2	2	FF	(D)	(D)	(D)	(D)	(D)	D	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3312-11 FULLY INTEGRATED—CONTINUED													
SOUTH REGION--CONTINUED													
WEST SOUTH CENTRAL DIVISION	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	3	3	20.3	167.6	15.7	33.2	126.4	365.5	294.8	658.7	25.9	17.9	285.9
MOUNTAIN DIVISION	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
COLORADO	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
UTAH	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3312-12 PARTIALLY INTEG. W. BL. FURNACES[3]													
UNITED STATES	11	11	54.5	451.8	44.9	89.8	342.6	[1] 152.7	[1] 173.1	[2] 288.9	167.4	53.3	847.5
NORTHEAST REGION	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	17.9	251.2
NEW YORK	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	5	5	24.8	207.2	20.0	42.6	149.8	592.8	530.3	[1] 098.9	89.4	(D)	(D)
EAST NORTH CENTRAL DIVISION	5	5	24.8	207.2	20.0	42.6	149.8	592.8	530.3	[1] 098.9	89.4	(D)	(D)
OHIO	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19.2	317.0
ILLINOIS	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KENTUCKY	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3312-13 PART. INTEG. W/O BL. FURNACES[3]													
UNITED STATES	78	78	116.4	964.6	93.3	183.9	729.0	[1] 855.4	[2] 184.6	[4] 009.2	256.5	112.0	1574.0
NORTHEAST REGION	33	33	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	54.0	685.1
NEW ENGLAND DIVISION	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
RHODE ISLAND	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	30	30	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6.6	77.0
NEW JERSEY	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	24	24	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	44.6	560.1
NORTH CENTRAL REGION	18	18	41.2	363.7	33.9	67.8	281.7	728.0	883.2	[1] 599.9	96.5	(D)	(D)
EAST NORTH CENTRAL DIVISION	16	16	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8.3	171.5
INDIANA	3	3	3.8	32.1	3.2	6.5	24.9	59.7	42.4	100.2	16.3	[2](D)	[2](D)
ILLINOIS	7	7	13.7	127.0	10.9	22.2	95.1	232.8	218.4	440.0	42.2	13.4	195.0
MICHIGAN	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	17	17	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH ATLANTIC DIVISION	10	10	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
DELAWARE	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA[e]	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	5	5	3.0	25.7	2.4	5.0	19.4	49.7	49.2	99.0	2.6	(D)	(D)
KENTUCKY	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OKLAHOMA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	10	10	6.9	58.7	5.7	10.8	45.4	104.4	100.0	203.9	17.1	9.4	144.6
PACIFIC DIVISION	10	10	6.9	58.7	5.7	10.8	45.4	104.4	100.0	203.9	17.1	9.4	144.6
WASHINGTON	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OREGON	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
HAWAII	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3312-14 NONINTEGRATED[3]													
UNITED STATES	205	135	72.3	587.5	58.6	112.7	441.5	989.9	731.2	1 666.2	300.9	66.6	851.5
NORTHEAST REGION	76	52	27.7	220.0	22.6	42.2	163.5	424.8	864.0	1 292.8	64.4	28.2	331.6
NEW ENGLAND DIVISION	5	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	71	49	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	18	12	3.9	30.1	3.2	6.0	22.7	52.1	94.0	143.7	(D)	[2](D)	[2](D)
NEW JERSEY	9	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	44	34	22.8	182.9	18.7	34.8	136.1	357.8	749.3	1 117.0	48.4	23.7	282.1
NORTH CENTRAL REGION	65	46	32.8	271.0	26.2	51.2	206.0	412.9	1 532.8	1 903.5	217.3	28.8	404.5
EAST NORTH CENTRAL DIVISION	58	43	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	18	17	10.8	87.0	8.9	17.0	69.4	163.6	378.5	545.8	14.2	12.1	161.6
INDIANA	8	5	10.7	95.5	8.0	15.5	66.5	48.4	774.3	780.8	156.8	[2](D)	[2](D)
ILLINOIS	17	13	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.3	71.6
MICHIGAN	13	6	3.4	27.2	3.0	6.1	23.1	60.0	197.1	256.4	21.9	[2](D)	[2](D)
WISCONSIN	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	7	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MINNESOTA	3	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	37	25	7.1	51.7	6.2	12.4	43.7	104.0	131.2	232.3	17.0	8.4	101.2
SOUTH ATLANTIC DIVISION	12	7	1.2	9.1	1.0	2.1	8.1	18.8	26.4	45.9	.3	(D)	(D)
VIRGINIA	6	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	20	18	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KENTUCKY	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	11	11	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	27	12	4.8	39.8	3.7	6.8	28.4	48.3	203.2	237.6	2.3	1.2	14.3
PACIFIC DIVISION	26	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	24	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3313-- ELECTROMETALLURGICAL PRODUCTS													
UNITED STATES	34	31	10.4	79.0	8.4	17.2	58.6	193.2	289.9	467.9	29.3	10.4	145.5
NORTHEAST REGION	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	24.2
MIDDLE ATLANTIC DIVISION	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	24.2
NEW YORK	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	13	12	4.4	34.7	3.6	7.1	25.0	88.2	117.4	199.6	17.6	4.3	65.7
EAST NORTH CENTRAL DIVISION	12	11	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	9	8	3.8	29.8	3.1	6.0	21.4	73.7	97.9	165.9	(D)	3.7	52.6
WEST NORTH CENTRAL DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
IOWA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	10	10	3.7	27.9	3.1	6.5	21.8	61.8	101.3	153.6	9.8	3.8	49.4
SOUTH ATLANTIC DIVISION	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH CAROLINA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	5	5	1.8	13.6	1.5	3.3	11.3	35.4	47.5	78.1	2.8	(D)	(D)
KENTUCKY	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	6.2
PACIFIC DIVISION	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.6	[2]6.2
OREGON	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3315-- STEEL WIRE AND RELATED PRODUCTS													
UNITED STATES	240	171	27.3	194.8	21.7	44.1	138.0	385.6	467.5	845.2	56.9	21.3	253.0
NORTHEAST REGION	97	67	11.4	81.8	8.9	18.0	58.5	155.7	141.5	294.0	36.4	9.8	110.3
NEW ENGLAND DIVISION	36	28	5.7	41.8	4.5	9.0	29.9	79.6	65.3	144.3	9.7	(D)	(D)
NEW HAMPSHIRE	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	20	16	3.0	21.7	2.4	4.8	16.6	37.1	31.7	68.6	2.4	2.9	28.6
RHODE ISLAND	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	10	8	1.3	10.6	1.0	2.0	7.1	22.1	19.6	41.3	6.5	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3315-- STEEL WIRE AND RELATED PRODUCTS--CON.													
NORTHEAST REGION--CON.													
MIDDLE ATLANTIC DIVISION	61	39	5.7	40.0	4.4	9.0	28.6	76.1	76.2	149.6	26.6	(D)	(D)
NEW YORK	21	12	1.1	6.1	.9	1.8	4.3	12.9	10.2	22.9	.5	1.0	9.4
NEW JERSEY	19	12	1.6	11.6	1.2	2.4	8.1	18.5	27.8	45.3	2.6	1.4	19.0
PENNSYLVANIA	21	15	3.0	22.3	2.3	4.8	16.2	44.7	38.2	81.5	23.6	[2](D)	[2](D)
NORTH CENTRAL REGION	77	58	11.4	83.6	9.0	18.2	58.5	203.5	230.1	430.3	15.4	8.6	110.4
EAST NORTH CENTRAL DIVISION	68	50	10.2	75.6	7.9	16.0	52.4	181.7	216.2	394.4	14.8	8.3	106.2
OHIO	17	17	1.8	12.6	1.5	3.3	9.4	77.4	40.6	117.7	6.5	1.5	22.0
INDIANA	5	5	1.1	8.4	.8	1.7	5.8	15.6	20.0	35.9	1.0	[2](D)	[2](D)
ILLINOIS	33	21	4.8	36.0	3.9	7.4	25.2	57.3	123.8	178.6	3.1	4.8	47.5
MICHIGAN	8	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST NORTH CENTRAL DIVISION	9	8	1.2	8.0	1.0	2.2	6.1	21.8	13.8	36.0	.7	.4	4.2
MINNESOTA	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
IOWA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	39	33	3.1	18.0	2.6	5.5	13.0	44.1	64.7	107.9	3.4	1.6	19.2
SOUTH ATLANTIC DIVISION	21	19	1.7	11.1	1.5	3.0	7.9	29.0	36.6	64.8	2.7	.8	10.8
DELAWARE	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND	7	6	.7	5.1	.6	1.3	3.5	13.6	14.9	28.0	1.5	.4	5.2
FLORIDA	7	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	7	6	.9	4.2	.8	1.5	3.0	8.5	12.0	20.7	.4	.6	4.6
KENTUCKY	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	11	8	.5	2.7	.4	.9	2.1	6.6	16.1	22.4	.3	.2	3.8
TEXAS	9	7	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	27	13	1.4	11.5	1.1	2.4	8.0	24.9	31.2	55.7	1.8	1.2	13.2
PACIFIC DIVISION	25	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	23	12	1.4	11.0	1.1	2.2	7.7	23.2	29.3	51.9	(D)	[2](D)	[2](D)
3316-- COLD FINISHING OF STEEL SHAPES													
UNITED STATES	107	86	19.5	154.9	14.9	29.8	108.8	269.1	777.5	1 038.7	126.0	13.7	224.0
NORTHEAST REGION	43	38	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW ENGLAND DIVISION	15	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.5	49.1
MASSACHUSETTS[e]	6	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
RHODE ISLAND	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	8	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.6	38.2
MIDDLE ATLANTIC DIVISION	28	23	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.0	78.6
NEW YORK	5	3	1.2	9.9	1.0	2.2	8.2	18.4	28.4	46.4	.5	1.3	38.2
NEW JERSEY	8	5	.9	6.8	.6	1.2	4.2	12.4	18.9	32.3	.9	.5	8.0
PENNSYLVANIA	17	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.2	32.4
NORTH CENTRAL REGION	48	39	9.7	78.3	7.3	14.5	53.9	143.7	461.7	602.7	112.4	5.6	88.6
EAST NORTH CENTRAL DIVISION	48	39	9.7	78.3	7.3	14.5	53.9	143.7	461.7	602.7	112.4	5.6	88.6
OHIO	19	17	4.9	38.0	3.8	7.2	27.5	82.9	157.5	239.8	7.0	2.2	28.5
INDIANA	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	17.7
ILLINOIS	7	4	1.0	8.2	.8	1.5	5.2	9.7	49.7	58.3	(D)	[2](D)	[2](D)
MICHIGAN	16	13	2.6	21.9	1.9	3.9	14.1	30.0	192.5	222.6	(D)	1.5	27.5
SOUTH REGION	7	5	.4	2.8	.3	.6	1.8	5.8	14.5	20.3	.1	(D)	(D)
SOUTH ATLANTIC DIVISION	5	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.8
MARYLAND	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	9	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	9	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	3.9
CALIFORNIA	7	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3317-- STEEL PIPE AND TUBES													
UNITED STATES	151	126	27.0	207.9	21.8	45.1	155.4	412.1	754.4	1 148.6	37.8	22.9	295.2
NORTHEAST REGION	45	42	8.0	61.4	6.5	13.5	46.0	125.2	215.1	334.0	10.6	7.9	103.8
MIDDLE ATLANTIC DIVISION	44	41	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	6	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	8	7	.9	7.3	.7	1.4	4.3	15.4	21.4	36.2	(D)	[2](D)	[2](D)
PENNSYLVANIA	30	28	6.5	49.9	5.4	11.2	38.7	101.4	183.0	278.7	7.1	6.6	88.2
NORTH CENTRAL REGION	55	44	10.9	85.6	8.7	17.7	63.3	160.3	286.2	450.9	17.3	10.7	139.0
EAST NORTH CENTRAL DIVISION	51	40	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	10.4	136.0
OHIO	18	14	5.0	37.0	4.0	8.1	27.9	69.9	146.5	218.7	(D)	5.2	66.4
INDIANA	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	12	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	11.8
MICHIGAN	13	10	1.8	15.6	1.5	3.2	11.7	32.2	33.1	65.4	2.4	2.4	34.6
WISCONSIN	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3317-- STEEL PIPE AND TUBES--CON.													
NORTH CENTRAL REGION--CON.													
WEST NORTH CENTRAL DIVISION	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.0
MINNESOTA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
IOWA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
SOUTH REGION	25	23	4.7	30.7	3.8	7.6	23.0	59.5	121.7	181.9	4.7	2.2	29.8
SOUTH ATLANTIC DIVISION	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	10	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
KENTUCKY	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
TENNESSEE	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
ALABAMA	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST SOUTH CENTRAL DIVISION	10	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
LOUISIANA	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
TEXAS	7	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	16.4
WEST REGION	26	17	3.4	30.3	2.8	6.2	23.1	67.1	131.4	181.8	5.2	2.1	22.8
PACIFIC DIVISION	24	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON[6]	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
CALIFORNIA	22	13	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.8	19.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. X Not applicable. NA Not available. D Withheld to avoid disclosing figures for individual companies. [6]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

[3]See table 1A, footnote 4 for definitions of these subindustries.

TABLE 3. Detailed Statistics: 1967

Item	Blast furnaces and steel mills (SIC 3312)	Electro-metallurgical products (SIC 3313)	Steel wire and related products (SIC 3315)	Cold finishing of steel shapes (SIC 3316)	Steel pipe and tubes (SIC 3317)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	([3])	85-90	90	.89	.89
COVERAGE RATIO[2]	([3])	82	37	24	38
ESTABLISHMENTS, TOTAL .NUMBER	329	34	240	107	151
WITH 1 TO 19 EMPLOYEES .DO	70	3	69	21	25
WITH 20 TO 99 EMPLOYEES .DO	43	7	90	39	58
WITH 100 EMPLOYEES OR MORE .DO	216	24	81	47	68
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	533.1	10.4	27.3	19.5	27.0
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	4 385.3	79.0	194.8	154.9	207.9
PRODUCTION WORKERS:					
AVERAGE FOR YEAR 1,000	434.0	8.4	21.7	14.9	21.8
MARCH .DO	438.5	8.3	22.1	15.2	22.2
MAY .DO	433.3	8.9	21.5	14.9	21.7
AUGUST .DO	433.1	8.2	21.5	14.9	22.7
NOVEMBER .DO	431.2	8.4	21.6	14.7	20.6
MAN-HOURS .MILLIONS	845.4	17.2	44.1	29.8	45.1
JANUARY-MARCH .DO	217.9	4.2	11.5	8.0	11.7
APRIL-JUNE .DO	210.9	4.6	11.2	7.5	11.5
JULY-SEPTEMBER .DO	203.7	4.1	10.4	6.9	11.2
OCTOBER-DECEMBER .DO	212.8	4.4	11.0	7.4	10.7
WAGES MILLION DOLLARS	3 368.4	58.6	138.0	108.8	155.4
COST OF MATERIALS, ETC.,[3] TOTAL .DO	10 997.9	289.9	467.5	777.5	754.4
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	9 829.1	220.1	433.4	750.1	715.3
COST OF RESALES .DO	114.6	18.0	16.3	5.2	16.6
FUELS CONSUMED .DO	606.4	14.4	6.0	7.5	6.9
PURCHASED ELECTRIC ENERGY .DO	270.9	36.1	7.8	8.2	6.9
CONTRACT WORK .DO	176.9	1.2	4.1	6.6	8.7
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	19 620.6	467.9	845.2	1 038.7	1 148.6
VALUE OF RESALES .DO	121.3	(D)	22.1	(D)	19.3
VALUE ADDED BY MANUFACTURE .DO	8 910.1	193.2	385.6	269.1	412.1
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL .DO	3 612.5	103.9	157.5	179.0	189.5
FINISHED PRODUCTS .DO	1 020.7	29.6	66.8	47.4	50.4
WORK IN PROCESS .DO	919.7	9.0	32.8	59.0	61.8
MATERIALS, SUPPLIES, FUEL, ETC. .DO	1 672.1	65.3	57.9	72.5	77.3
END OF YEAR, TOTAL .DO	3 936.6	114.0	162.2	188.4	205.6
FINISHED PRODUCTS .DO	1 131.5	40.3	71.9	44.3	52.2
WORK IN PROCESS .DO	1 096.3	13.4	35.5	70.1	77.8
MATERIALS, SUPPLIES, FUEL, ETC. .DO	1 708.9	60.3	54.7	74.1	75.6
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	1 668.7	29.6	57.5	127.2	38.7
NEW PLANT AND EQUIPMENT, TOTAL .DO	1 661.0	29.3	56.9	126.0	37.8
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	324.1	5.1	24.2	27.3	9.1
NEW MACHINERY AND EQUIPMENT .DO	1 337.0	24.1	32.8	98.7	28.6
USED PLANT AND EQUIPMENT .DO	7.7	.3	.6	1.2	1.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. X Not applicable. NA Not available. D Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

[3]There is substantial duplication in value of shipments and cost of materials. (See introductory text). Specialization and coverage ratio are not meaningful because of such duplication.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3312-- BLAST FURNACES AND STEEL MILLS											
ESTABLISHMENTS, TOTAL	329	533.1	4 385.3	434.0	845.4	3 368.4	8 910.1	10 997.9	19 620.6	1 661.0	3 936.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	39	(Z)	(Z)	(Z)	.1	(Z)	1.1	2.7	3.7	3.8	.7
5 TO 9 EMPLOYEES	11	.1	.6	.1	.1	.4	3.1	3.2	6.1	(D)	.4
10 TO 19 EMPLOYEES	20	.3	2.0	.2	.5	1.5	3.5	6.9	10.3	.4	1.4
20 TO 49 EMPLOYEES	26	.8	6.0	.7	1.4	4.7	14.4	33.4	47.9	1.5	6.1
50 TO 99 EMPLOYEES	17	1.3	10.6	1.0	2.0	8.0	26.3	45.1	73.8	2.8	19.0
100 TO 249 EMPLOYEES	38	6.3	47.9	5.3	10.6	37.6	109.7	154.4	256.3	9.8	69.1
250 TO 499 EMPLOYEES	40	14.8	119.8	12.2	24.7	92.6	254.3	370.3	611.6	51.4	146.9
500 TO 999 EMPLOYEES	36	26.5	210.9	21.5	42.8	163.3	404.4	528.0	918.4	62.0	192.6
1,000 TO 2,499 EMPLOYEES	35	57.1	450.7	45.1	87.9	341.7	859.6	1 178.8	2 031.1	99.5	418.4
2,500 EMPLOYEES OR MORE	67	425.9	3 536.4	347.3	675.3	2 718.3	7 233.7	8 675.1	15 661.4	1 429.9	3 082.0
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	26	(Z)	.3	(Z)	.1	.2	.8	2.1	2.8	.1	.6
3312-11 FULLY INTEGRATED[2]											
ESTABLISHMENTS, TOTAL	35	289.8	2 386.3	237.2	459.1	1 855.3	4 912.0	4 909.0	9 656.3	936.2	1 978.7
2,500 EMPLOYEES OR MORE	35	289.8	2 386.3	237.2	459.1	1 855.1	4 912.0	4 909.0	9 656.3	936.2	1 978.7
3312-12 PARTIALLY INTEG. W. BL. FURNACES[2]											
ESTABLISHMENTS, TOTAL	11	54.6	451.8	44.9	89.7	342.6	1 152.7	1 173.1	2 288.9	167.4	391.1
2,500 EMPLOYEES OR MORE	11	54.6	451.8	44.9	89.7	342.6	1 152.7	1 173.1	2 288.9	167.4	391.1
3312-13 PART. INTEG. W/O BL. FURNACES[2]											
ESTABLISHMENTS, TOTAL	78	116.4	964.6	93.3	183.9	729.0	1 855.4	2 184.6	4 009.2	256.5	780.2
50 TO 99 EMPLOYEES	1	1.9	14.9	1.7	3.3	12.1	26.4	33.1	58.2	4.9	11.0
100 TO 249 EMPLOYEES	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES	10	3.8	32.4	3.0	6.2	23.7	66.0	60.9	125.1	8.2	36.2
500 TO 999 EMPLOYEES	18	13.5	110.9	10.9	22.0	85.0	217.0	167.4	373.1	41.9	90.8
1,000 TO 2,499 EMPLOYEES	23	97.2	806.5	77.7	152.5	608.1	1 546.1	1 923.2	3 452.9	201.6	642.3
2,500 EMPLOYEES OR MORE	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3312-14 NONINTEGRATED[2]											
ESTABLISHMENTS, TOTAL	205	72.3	582.5	58.6	112.7	441.5	989.9	2 731.2	3 666.2	300.9	786.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	39	(Z)	.4	(Z)	.1	.3	1.1	2.7	3.7	[3] 3.8	.7
5 TO 9 EMPLOYEES	11	.1	.6	.1	.1	.4	3.1	3.2	6.1	(D)	.4
10 TO 19 EMPLOYEES	20	.3	2.0	.2	.5	1.5	3.5	6.9	10.3	.4	1.4
20 TO 49 EMPLOYEES	26	.8	6.0	.7	1.4	4.7	14.4	33.4	47.9	1.5	6.1
50 TO 99 EMPLOYEES	16	5.7	43.6	4.8	9.3	33.4	109.5	166.3	272.0	7.7	77.2
100 TO 249 EMPLOYEES	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES	30	11.0	87.5	9.1	18.5	69.0	188.4	309.4	486.6	43.2	110.6
500 TO 999 EMPLOYEES	18	13.0	100.0	10.6	20.8	78.2	187.4	360.7	545.3	20.1	101.8
1,000 TO 2,499 EMPLOYEES	12	41.5	342.4	32.9	62.0	253.9	482.4	1 848.6	2 294.2	224.3	488.5
2,500 EMPLOYEES OR MORE	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	26	(Z)	.3	(Z)	.1	.2	.8	2.1	2.8	.1	.6
3313-- ELECTROMETALLURGICAL PRODUCTS											
ESTABLISHMENTS, TOTAL	34	10.4	79.0	8.4	17.2	58.6	193.2	289.9	467.9	29.3	114.0
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	2	.2	1.3	.1	.3	.9	3.9	5.6	9.3	.2	1.9
5 TO 9 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	3	.2	1.9	.2	.4	1.3	6.0	7.7	13.2	.4	2.0
100 TO 249 EMPLOYEES	8	1.3	9.4	1.0	2.1	6.8	28.1	58.5	87.1	1.7	16.4
250 TO 499 EMPLOYEES	11	8.6	66.5	7.1	14.4	49.6	155.2	218.1	358.4	27.0	93.8
500 TO 999 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3315-- STEEL WIRE AND RELATED PRODUCTS											
ESTABLISHMENTS, TOTAL	240	27.3	194.8	21.7	44.1	138.0	385.6	467.5	845.2	56.9	162.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	24	(Z)	.3	(Z)	.1	.2	.6	.6	1.2	[3]24.9	.2
5 TO 9 EMPLOYEES	21	.2	1.0	.1	.3	.7	2.7	3.0	5.6	.1	.7
10 TO 19 EMPLOYEES	24	.3	2.3	.3	.5	1.5	6.4	10.3	16.7	.6	1.8
20 TO 49 EMPLOYEES	47	1.6	9.5	1.3	2.8	6.9	27.2	35.6	61.8	3.9	9.3
50 TO 99 EMPLOYEES	43	3.1	19.6	2.6	5.4	14.5	44.4	64.9	109.1	4.6	16.0
100 TO 249 EMPLOYEES	50	7.7	51.4	6.2	12.7	36.8	112.3	137.8	247.2	6.8	45.7
250 TO 499 EMPLOYEES	22	7.4	56.1	5.8	12.2	40.8	106.8	99.1	204.1	8.1	47.6
500 TO 999 EMPLOYEES	8	7.1	54.6	5.4	10.1	36.7	85.3	116.3	199.6	7.9	40.9
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3316-- COLD FINISHING OF STEEL SHAPES											
ESTABLISHMENTS, TOTAL	107	19.5	154.9	14.9	29.8	108.8	269.1	777.5	1 038.7	126.0	188.4
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	7	(Z)	.1	(Z)	(Z)	(Z)	.1	.1	.2	[3]105.6	(Z)
5 TO 9 EMPLOYEES	6	(Z)	.3	(Z)	.1	.2	.8	1.0	1.8	(D)	.1
10 TO 19 EMPLOYEES	8	.1	.8	.1	.2	.6	2.2	5.8	7.7	(D)	1.4
20 TO 49 EMPLOYEES	16	.5	4.3	.4	.8	2.3	10.0	22.1	31.8	(D)	6.9
50 TO 99 EMPLOYEES	23	1.6	11.8	1.2	2.4	8.0	30.6	87.8	117.2	(D)	25.9
100 TO 249 EMPLOYEES	18	3.1	24.4	2.3	4.9	16.8	55.5	115.6	171.8	(D)	28.9
250 TO 499 EMPLOYEES	17	5.1	38.9	4.0	8.0	28.3	85.1	184.4	264.9	10.9	54.2
500 TO 999 EMPLOYEES	11	9.0	74.2	7.0	13.5	52.7	84.8	360.6	443.3	9.5	70.9
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3317-- STEEL PIPE AND TUBES											
ESTABLISHMENTS, TOTAL	151	27.0	207.9	21.8	45.1	155.4	412.1	754.4	1 148.6	37.8	205.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	13	(Z)	.2	(Z)	.1	.2	.6	.9	1.5	(Z)	.2
5 TO 9 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	11	.2	1.0	.1	.2	.7	2.1	2.4	4.5	.1	.6
20 TO 49 EMPLOYEES	32	1.1	7.1	.8	1.8	4.9	17.6	26.4	44.2	1.2	6.8
50 TO 99 EMPLOYEES	26	1.8	13.0	1.5	3.0	9.3	27.3	44.3	72.6	2.6	11.6
100 TO 249 EMPLOYEES	32	5.6	40.3	4.5	9.3	28.8	83.8	124.7	209.1	7.8	44.0
250 TO 499 EMPLOYEES	22	7.0	52.0	5.6	11.5	38.0	102.5	205.5	304.7	9.6	53.0
500 TO 999 EMPLOYEES	8	4.7	40.2	3.7	7.9	30.5	88.0	133.8	222.7	8.4	34.4
1,000 TO 2,499 EMPLOYEES	6	6.7	54.0	5.6	11.3	43.0	90.1	216.4	289.3	8.1	54.9
ESTABS. COVERED BY ADMIN. RECORDS[1]	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [c]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]See table 1, footnote 4 for definitions of these industries.

[3]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3312	Blast furnaces and steel mills.....1967..	19,620.6	17,989.5	1,001.3	629.8	([1])	20,869.1	17,989.5	2,879.6	([1])
	1963..	16,418.0	15,267.1	807.9	343.0	([1])	17,339.4	15,267.1	2,072.4	([1])
3313	Electrometallurgical products.....1967..	467.9	398.2	[2]69.7	([2])	(85-90)	483.0	398.2	84.8	82
	1963..	382.1	[3]317.4	[2]64.8	([2])	(85-90)	411.6	[3]317.4	94.2	77
3315	Steel wire and related products.....1967..	845.2	738.0	80.2	27.0	90	2,004.4	738.0	1,266.4	37
	1963..	592.3	[3]508.5	61.5	22.2	89	1,672.4	[3]508.5	1,163.9	30
3316	Cold finishing of steel shapes.....1967..	1,038.7	913.0	109.1	16.6	89	3,809.4	913.0	2,896.4	24
	1963..	751.6	661.1	43.0	47.4	94	3,332.6	661.1	2,671.4	20
3317	Steel pipe and tubes.....1967..	1,148.6	994.8	117.7	36.1	89	2,629.1	994.8	1,634.3	38
	1963..	809.0	707.4	73.4	28.2	91	1,887.5	707.4	1,180.1	37

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] The value of shipments for the industry in 1967 totaled $19,621 Million. This value, however, includes duplication in that the products of some establishments are used as materials by others. See text for fuller explanation. Specialization ratio computed on the basis of net value of shipments would approximate 94 percent. A coverage ratio for this industry cannot be precisely computed. However, such a ratio would exceed 84 percent. Comparable ratios for 1963 were: specialization, 94 percent; coverage, 86 percent.

[2] Miscellanous receipts are included with secondary products.

[3] Includes a small amount of primary products made in other industries to avoid disclosing individual company figures. This amount, however, contributes less than 2 percent of the total.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product class code	Class of products and miscellaneous receipts	All industries	Blast furnaces and steel mills (SIC 3312)	Electro-metallurgical products (SIC 3313)	Steel wire and related products (SIC 3315)	Cold finishing of steel shapes (SIC 3316)	Steel pipe and tubes (SIC 3317)	All other industries
	Total shipments and receipts of the industry	(X)	[1]19,620.6	467.9	845.2	1,038.7	1,148.6	(X)
33121 pt.	Coke oven and blast furnace products, except ferroalloys	1,193.8	1,193.8	-	-	-	-	-
33121 pt.	Blast furnaces, ferroalloys and other additives	62.6	62.6					
33131	Ferromanganese	210.5	-	188.3	-	-	-	22.2
33134	Other ferralloys produced in electric and other furnaces							
33132	Ferrochrome	104.5	-	104.5	-	-	-	-
33133	Ferrosilicon	102.9	-	102.9	-	-	-	-
33130	Electrometallurgical products, n.s.k.	2.5	-	2.5	-	-	-	-
33122	Steel ingot and semifinished shapes	2,526.5	2,524.4	-	(D)	-	(D)	(D)
33123	Tin mill products, hot rolled sheet and strip	4,533.3	4,485.6	-	-	(D)	(D)	(D)
33124	Hot rolled bars and barshapes; plates	4,456.4	4,430.8	-	-	(D)	(D)	(D)
33125 33155	Steel wire	678.1	377.6	-	284.2	(D)	-	(D)
33126 33176	Steel pipe and tubes	2,629.1	1,554.1	-	-	(D)	994.8	(D)
33127 33167	Cold rolled sheet and strip	3,161.9	2,607.0	-	(D)	536.1	(D)	-
33128 33168	Cold finished steel bars and bar shapes	629.2	256.6	-	(D)	358.6	(D)	(D)
33160	Cold finishing of steel shapes, n.s.k.	18.3	-	-	-	18.3	-	-
33129 33919	Press and hammer steel forgings[2]	462.9	208.6	-	-	-	-	254.3
33120	Other steel mill products, except wire products	324.8	288.4	-	-	-	-	36.4
33151 34811	Noninsulated ferrous wire rope, cable, and strand[3]	246.0	53.3	-	110.9	-	-	81.8
33152	Steel nails and spikes	158.8	70.3	-	81.1	-	-	7.4
33156 34816	Fencing and fence gates[3]	130.8	46.4	-	29.4	-	-	55.0
33157 34814	Ferrous wire cloth and other woven ferrous wire products[3]	89.3	11.9	-	23.5	-	-	53.9
33159 34819	Other fabricated wire products, except springs[3]	668.2	107.1	-	186.6	-	-	374.5
33150	Steel wiredrawing, n.s.k.	33.2	-	-	22.3	-	-	10.9
	Other product shipments by 4-digit product group							
1911-	Guns, howitzers, and mortars	(X)	(10-20)	-	-	-	-	(X)
2531-	Public building furniture	(X)	-	-	-	-	(2-5)	(X)
2813-	Industrial gases	(X)	-	(10-20)	-	-	-	(X)
2815-	Cyclic intermediates and crudes	(X)	(over 2)	-	-	-	-	(X)
2819-	Industrial inorganic chemicals, n.e.c.	(X)	(under 2)	(10-20)	-	-	-	(X)
3272-	Concrete products, n.e.c.	(X)	-	-	-	-	(over 2)	(X)
3321-	Gray iron castings	(X)	131.8	-	-	-	-	(X)
3323-	Steel castings	(X)	30.5	-	-	-	-	(X)
3339-	Primary nonferrous metals, n.e.c.	(X)	-	(over 2)	-	-	-	(X)
3356-	Rolled and drawn nonferrous metals, n.e.c.	(X)	(10-20)	-	(under 2)	-	(10-20)	(X)
3357-	Nonferrous wiredrawing and insulating products	(X)	(under 2)	-	8.7	-	-	(X)
3362-	Brass, bronze, and copper castings	(X)	(over 2)	-	-	-	-	(X)
3391-	Iron and steel forgings	(X)	(20-50)	-	-	-	-	(X)
3399-	Primary metal products, n.e.c.	(X)	(5-10)	-	(under 2)	(under 2)	(over 2)	(X)
3423-	Hand and edge tools, n.e.c.	(X)	(over 2)	-	(2-5)	-	-	(X)
3432-	Plumbing fittings and brass goods	(X)	-	-	-	(over 2)	-	(X)
3441-	Fabricated structural steel	(X)	(under 2)	-	-	-	(20-50)	(X)
3443-	Fabricated platework (boiler shop products)	(X)	(10-20)	-	-	-	(10-20)	(X)
3444-	Sheet metalwork	(X)	39.8	-	-	-	(under 2)	(X)
3446-	Architectural metalwork	(X)	(under 2)	-	-	(over 2)	-	(X)
3449-	Miscellaneous metalwork	(X)	103.0	-	-	-	-	(X)
3452-	Bolts, nuts, rivets, and washers	(X)	75.1	-	(10-20)	(5-10)	-	(X)
3461-	Metal stampings	(X)	(20-50)	-	-	-	-	(X)
3481-	Miscellaneous fabricated wire products	(X)	-	-	(under 2)	(over 2)	(under 2)	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product class code	Class of products and miscellaneous receipts	All industries	Blast furnaces and steel mills (SIC 3312)	Electro-metallurgical products (SIC 3313)	Steel wire and related products (SIC 3315)	Cold finishing of steel shapes (SIC 3316)	Steel pipe and tubes (SIC 3317)	All other industries
	Other product shipments by 4-digit product group--Continued							
3493-	Steel springs	(X)	-	-	-	(over 2)	-	X
3494-	Valves and pipe fittings	(X)	(10-20)	-	-	-	(under 2)	X
3499-	Fabricated metal products, n.e.c.	(X)	(100-200)	-	(under 2)	-	(under 2)	(X)
3569-	General industrial machinery, n.e.c.	(X)	(over 2)	-	(under 2)	-	-	(X)
3599-	Miscellaneous machinery, except electrical	(X)	(5-10)	-	-	-	-	(X)
3644-	Noncurrent carrying wiring devices	(X)	(10-20)	-	-	-	(over 2)	(X)
3679-	Electronic components, n.e.c.	(X)	-	-	-	-	(over 2)	(X)
	Other secondary products[4]	(X)	332.1	69.7	71.5	125.7	117.7	(X)
	Miscellaneous receipts, total	(X)	629.8		27.0		36.1	(X)
93000	Conversion of steel for other companies	(X)	[2]109.3	(D)	0.4	(D)	1.0	(X)
93000	Other contract and commission work	(X)	[2] 60.6	(D)	0.6	(D)	2.2	(X)
99980	Sale of scrap and refuse	(X)	[2]178.3	(D)	2.3	(D)	11.2	(X)
99989	Resales	(X)	[2]121.3	(D)	22.1	(D)	19.3	(X)
99980	All other receipts	(X)	[2]160.3	(D)	1.6	(D)	2.4	(X)
	Listing of other industries with over $2 million shipments of primary products							
3312-	3443 Fabricated platework (boiler shops)	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
	3444 Sheet metalwork	(X)	(X)	(X)	(X)	(X)	(X)	(10-20)
	3449 Miscellaneous metalwork	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
3313-	2819 Industrial inorganic chemicals, n.e.c.	(X)	(X)	(X)	(X)	(X)	(X)	(10-20)
	3291 Abrasive Products	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
3315-	3357 Nonferrous wiredrawing and insulating	(X)	(X)	(X)	(X)	(X)	(X)	9.1
	3579 Office machines, n.e.c.	(X)	(X)	(X)	(X)	(X)	(X)	5.3
3316-	3351 Copper rolling and drawing	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
3317-	3321 Gray iron foundries	(X)	(X)	(X)	(X)	(X)	(X)	(20-50)
	3341 Secondary nonferrous metals	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
	3461 Metal stampings	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
	3494 Valves and pipe fittings	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
	3599 Miscellaneous machinery, except electrical	(X)	(X)	(X)	(X)	(X)	(X)	(10-20)
	3644 Noncurrent carrying wiring devices	(X)	(X)	(X)	(X)	(X)	(X)	7.8
	3751 Motorcycles, bicycles and parts	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]The value of shipments of industry 3312 includes duplication in that the products of some establishments are used as materials by others. For 1967, it is estimated that the duplication amounted to 2.9 billion and, accordingly, a net value of shipments would total 16.7 billion. See text for fuller explanations.

[2]Includes total for product class 33919, Open die forgings, made in steel forgings and other industries which are primary to industry 3391.

[3]The totals for product classes 33151, 33156, 33157, and 33159 include respectively the totals for product classes 34811, 34816, 34814, and 34819, which are primary to industry 3481, Fabricated Wire Products, N.E.C. . Shipments of these product classes totaled as follows:

Product Class	Value (million dollars)
34811	81.8
34816	38.8
34814	41.0
34819	324.1

[4]Includes, where appropriate, values for those 4-digit product groups for which either the symbol "D" or a value range, e.g. (2-5), (under 2), , etc. appear above.

TABLE 6A-1. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Shipments including interplant transfers							Produced and consumed in the same plant in the manufacture of other products (quantity)
			Production (quantity)	Total shipments		Shipments to other companies		Transfers to other plants of the same company		
				Quantity	Value (million dollars)	Quantity	Value (million dollars)	Quantity	Value (million dollars)	
			1967							
3312- --	BLAST FURNACE (INCLUDING COKE OVEN), STEEL WORKS AND ROLLING MILL PRODUCTS, TOTAL	.....	(X)	(X)	20,869.1	(X)	(X)	(X)	(X)	(X)
33121 -- 33131pt. 33134 --	Coke oven, blast furnace, and selected electrometallurgical products	.....	(X)	(X)	1,466.9	(X)	(X)	(X)	(X)	(X)
	Coke oven products:[1]									
33121 11	Coke, except screenings and breeze	1,000 s. tons	62,742.5	21,503.7	401.5	8,216.5	176.3	13,287.2	225.2	44,042.6
33121 12	Screenings and breeze	...do.....	(NA)	2,017.5	20.1	1,392.6	12.9	624.9	7.2	(NA)
33121 31	Coke oven gas	Billion cu. ft.....	970.7	85.3	18.8	38.2	9.0	47.0	9.8	(NA)
	Coke oven byproducts:									
33121 41	Ammonia (sulfate and liquor)	.....	(X)	(X)	14.2	(X)	(D)	(X)	(D)	(X)
33121 51	Crude tar	Million gals.	799.1	381.6	36.2	320.5	29.6	61.1	6.6	458.1
33121 61	Tar derivatives	.....	(X)	(X)	28.8	(X)	19.4	(X)	9.4	(X)
33121 71	Crude light oil	Million gals.	229.0							99.0
33121 81	Light oil derivatives	...do.....	123.0	109.7	23.3	(D)	(D)	(D)	(D)	(D)
33121 83	Other coke-oven products	.....	(X)	(X)	(2)	(X)	(X)	(X)	(X)	(X)
	Blast furnace products:									
33121 91	Pig iron, including pig iron with silicon content up to and including 6 percent	1,000 s. tons	82,532.3	10,374.8	561.8	4,315.8	240.1	6,059.0	321.7	70,547.2
33121 92	Slag	...do.....	(X)	(X)	[2]89.1	(X)	(D)	(X)	(D)	(X)
33121 93	Sinter from ore, flue dust, and other materials	...do.....	48,973.7							48,151.8
33121 94	Blast furnace gas	Billion cu. ft.....	5,664.1							4,793.8
33121 85, 86, 89	Blast furnace ferroalloys	1,000 s. tons	1,515.2	1,295.6	273.1	(D)	(D)	(D)	(D)	228.2
33131 11, 33134 11, 98	Other ferroalloys, except ferrochrome and ferrosilicon	...do.....								
			1963							
3312- --	BLAST FURNACE (INCLUDING COKE OVEN), STEEL WORKS AND ROLLING MILL PRODUCTS, TOTAL	.....	(X)	(X)	17,339.4	(X)	(X)	(X)	(X)	(X)
33121 --	Coke oven, blast furnace, and selected electrometallurgical products	.....	(X)	(X)	1,475.4	(X)	(X)	(X)	(X)	(X)
	Coke oven products:[1]									
33121 11	Coke, except screenings and breeze	1,000 s. tons	52,592.0	18,774.0	303.3	8,862.0	152.3	9,912.0	151.0	33,841.0
33121 12	Screenings and breeze	...do.....	3,434.0	1,415.0	10.8	919.0	7.3	496.0	3.6	2,269.0
33121 31	Coke oven gas	Billion cu. ft.....	1,263.4	144.5	31.4	43.6	11.6	100.9	19.7	1,141.2
	Coke oven byproducts:									
33121 41	Ammonia (sulfate and liquor)	.....	(X)	(X)	18.4	(X)	18.1	(X)	0.3	(X)
33121 51	Crude tar	Million gals.	651.3	354.2	37.2	287.0	30.4	67.1	6.8	330.9
33121 61	Tar derivatives	.....	(X)	(X)	20.4	(X)	25.5	(X)	2.6	(X)
33121 71	Crude light oil	Million gals.	195.3	68.5	7.7					131.3
33121 81	Light oil derivatives	...do.....	194.2	131.5	31.4	119.6	29.1	11.9	2.3	50.5
33121 83	Other coke-oven products	.....	(X)	(X)	(2)	(X)	(X)	(X)	(X)	(X)
	Blast furnace products:									
33121 91	Pig iron, including pig iron with silicon content up to and including 6 percent	1,000 s. tons	70,741.3	12,475.4	660.2	3,219.1	198.1	9,256.3	462.1	56,369.0
33121 92	Slag	...do.....	(X)	(X)	[2]108.3	(X)	(D)	(X)	(D)	(X)
33121 93	Sinter from ore, flue dust, and other materials	...do.....	44,675.2							40,416.4
33121 94	Blast furnace gas	Billion cu. ft.....	3,760.3							3,691.0
33121 85, 86, 89	Blast furnace ferroalloys	1,000 s. tons	1,381.4	1,212.2	[2]246.4	(D)	(D)	(D)	(D)	(D)
33131 11, 33134 11, 98	Other ferroalloys, except ferrochrome and ferrosilicon	...do.....								

See footnotes at end of table.

TABLE 6A-1. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3312- --	BLAST FURNACES (INCLUDING COKE OVENS), STEEL WORKS, AND ROLLING MILLS--Continued					
33122 --	Steel ingot and semifinished shapes:[3]					
	As reported in census of manufactures	.....	X	2,526.5	X	2,030.1
	As reported on Annual Form MA-33B	.....	X	2,484.6	X	1,978.3
33123 --	Tin mill products, hot rolled sheet and strip:[3]					
	As reported in census of manufactures	.....	X	4,533.3	X	3,895.5
	As reported on Annual Form MA-33B	.....	(X)	4,596.5	(X)	3,931.7
33124 --	Hot rolled bars and bar shapes, plates:[3]					
	As reported in census of manufactures	.....	(X)	4,456.4	X	3,607.8
	As reported on Annual Form MA-33B	.....	X	4,481.4	(X)	3,629.0
	Steel wire:[3]					
	As reported on Annual Form MA-33B	.....	X	645.6	(X)	587.8
33125 -- / 33155 --	As reported in census of manufactures	.....	X	678.1	X	619.4
33125 00	Made in steel mills (industry 3312)	.....	X	377.6	(X)	361.8
33155 00	Made in steel wire drawing (industry 3315) and other industries	.....	X	300.5	(X)	257.6
	Steel pipe and tube:[3]					
	As reported on Annual Form MA-33B	.....	X	2,440.5	(X)	1,797.0
33126 -- / 33176 --	As reported in census of manufactures	.....	(X)	2,629.1	X	1,887.5
33126 00	Made in steel mills (industry 3312)	.....	(X)	1,554.1	(X)	1,137.4
33176 00	Made in steel pipe and tubes (industry 3317) and other industries	.....	(X)	1,075.0	(X)	750.0
	Cold rolled steel sheet and strip:[3]					
	As reported on Annual Form MA-33B	.....	X	2,985.9	(X)	2,781.6
33127 -- / 33167 --	As reported in census of manufactures	.....	X	3,161.9	(X)	2,856.3
33127 00	Made in steel mills (industry 3312)	.....	X	2,607.0	(X)	2,447.8
33167 00	Made in cold finishing of steel shapes (industry 3316) and other industries	.....	X	554.9	X	408.5
	Cold finished steel bars, and bar shapes:[3]					
	As reported on Annual Form MA-33B	.....	X	613.4	(X)	476.1
33128 -- / 33168 --	As reported in census of manufactures	.....	(X)	629.2	(X)	472.7
33128 00	Made in steel mills (industry 3312)	.....	X	256.6	(X)	199.4
33168 00	Made in cold finishing of steel shapes (industry 3316) and other industries	.....	(X)	372.6	(X)	273.4
33129 -- / 33919 --	Press and hammer steel forgings:[4]	.....	X	462.9	(X)	294.4
33129 --	Made in steel works (industry 3312)	1,000 s. tons.	X	208.6	(X)	120.7
33919 --	Made in steel forgings (industry 3391) and other industries	.....	X	254.3	(X)	173.7
	Open die hammer forgings:					
33129 21 / 33919 21	Carbon steel	1,000 s. tons.	140.6	58.5	118.9	52.5
33129 23 / 33919 22	Alloy steel (except stainless)	...do.....	60.9	65.1	52.0	58.5
33129 23	Made in industry 3312	...do.....	11.2	11.6	12.5	19.6
33919 22	Made in industry 3391 and other industries	...do.....	49.7	53.5	39.5	38.9
33129 25 / 33919 23	Stainless steel	...do.....	8.6	21.8	4.1	10.2
	Open die press forgings:					
33129 61 / 33919 41	Carbon steel	...do.....	164.6	74.1	127.2	45.6
33129 61	Made in industry 3312	...do.....	46.5	24.7	21.3	11.1
33919 41	Made in industry 3391 and other industries	...do.....	118.1	49.4	105.8	34.4
33129 63 / 33919 42	Alloy steel (except stainless	...do.....	266.4	213.7	130.0	101.1
33129 63	Made industry 3312	...do.....	150.1	152.3	49.8	52.5
33919 42	Made in industry 3391 and other industries	...do.....	116.3	61.4	80.2	48.6
33129 65 / 33919 43	Stainless steel	1,000 s. tons.	5.6	9.4	2.5	5.1
33129 00 / 33919 00	Open die hammer and press forgings, n.s.k.	.....	(X)	19.4	(X)	21.4
33120 41	Other steel mill products, except wire products (including blast furnace and steel mill products not specified by kind, code 33120 00). (For companies with 10 or more employees. See Note.):[3]					
	As reported on Annual Form MA-33B	.....	(X)	284.0	(X)	184.4
	As reported in census of manufactures	.....	(X)	322.0		
33120 02	Steel mill products, n.s.k. (For companies with fewer than 10 employees in 1967. See Note.	.....	(X)	2.8	(X)	200.2

See footnote at end of table.

TABLE 6A-1. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Shipments including interplant transfers						Produced and consumed in the same plant in the manufacture of other products
			Production	Total shipments		Shipments to other companies		Transfers to other plants of the same company	
				Quantity	Value (million dollars)	Quantity	Value (million dollars)	Quantity	Value (million dollars)	
			1967							
3313- -- 33121 pt.	ELECTROMETALLURGICAL PRODUCTS, TOTAL	1,000 Short tons (gross alloy wt.)	(X)	(X)	483.0	(D)	(D)	(D)	(D)	(X)
33121 pt.	Made in blast furnaces (industry 3312)	...do...	618.0	460.1	62.6	(D)	(D)	(D)	(D)	(D)
3313- --	Made in electric and other furnaces (industry 3313 and other industries	...do...	(X)	(X)	420.4	(D)	(D)	(D)	(D)	(X)
33132 11	Ferrochrome	...do...	427.9	361.4	104.5	(D)	(D)	(D)	(D)	46.4
33133 11	Ferrosilicon	...do...	625.0	573.9	102.9	(D)	(D)	(D)	(D)	49.4
33121 85 33131 11	Ferromanganese	...do...	1,515.6	1,295.6	273.1	(D)	(D)	(D)	(D)	228.2
33121 pt. 33134 --	Other ferroalloys	...do...								
33121 86 33134 11	Silvery iron	...do...								
33121 87 33134 98	Other ferroalloys, including spiegeleisen	...do...								
33130 00	Electrometallurgical products, n.s.k. (For establishments with 10 or more employees. See Note.)	...do...	(X)	(X)	2.4	(X)	2.4	(X)	(X)	(X)
33130 02	Electrometallurgical products, n.s.k. (For establishments with fewer than 10 employees. See Note.)	...do...	(X)	(X)	0.1	(X)	0.1	(X)	(X)	(X)
			1963							
3313- -- 33121 pt.	ELECTROMETALLURGICAL PRODUCTS, TOTAL	1,000 Short tons (gross alloy wt.)	(X)	(X)	411.6	(D)	(D)	(D)	(D)	(X)
33121 pt.	Made in blast furnaces (industry 3312)	...do...	642.9	538.6	69.0	(D)	(D)	(D)	(D)	77.5
3313- --	Made in electric and other furnaces (industry 3313 and other industries)	...do...	(X)	(X)	342.6	(D)	(D)	(D)	(D)	(X)
33132 11	Ferrochrome	...do...	309.9	277.7	85.3	238.9	72.4	38.8	12.9	38.2
33133 11	Ferrosilicon	...do...	452.7	411.9	78.1	376.3	70.5	35.7	7.6	25.8
33121 85 33131 11	Ferromanganese	...do...	1,381.4	1,212.2	246.4	(D)	(D)	(D)	(D)	(D)
33121 pt. 33134 --	Other ferroalloys	...do...								
33121 86 33134 11	Silvery iron	...do...	208.0	209.3	16.0	(D)	(D)	(D)	(D)	(D)
33121 85 33131 11 33121 89 33134 98	Other ferroalloys, including spiegeleisen and ferromanganese	...do...	1,173.4	1,002.9	230.4	(D)	(D)	(D)	(D)	(D)
33130 00	Electrometallurgical products, n.s.k.	.....	(X)	(X)	1.8	(X)	1.8	(X)	-	(X)

See footnotes at end of table.

TABLE 6A-1. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3315- --	STEEL WIRE AND RELATED PRODUCTS, TOTAL	.....	(X)	2,004.2	(X)	1,672.4
33151 --	Noninsulated ferrous wire rope, cable, and strand	.....	(X)	246.0	(X)	189.9
34811 --						
33151 --	Made in industries 3312 and 3315	.....	(X)	164.2	(X)	100.9
34811 --	Made in fabricated wire products, n.e.c. (industry 3481) and other industries	.....	(X)	81.8	(X)	89.0
33151 11	Iron and steel wire rope and cable	1,000 short tons	274.3	176.1	205.3	141.2
34811 11						
33151 11	Made in industries 3312 and 3315	...do	172.6	98.9	105.4	67.8
34811 11	Made in industry 3481 and other industries	...do	101.7	77.2	99.9	73.4
33151 21	Composite strand, rope, aand cable, including wire strands of					
33481 21	different metals (except ACSR)	...do	26.0	23.0	69.5	28.0
33151 33	Steel wire strand, except wire strand for prestressed					
34811 33	concrete, including guard rail cable	...do	68.1	25.3		
33151 35	Wire strand for prestressed concrete	...do	59.8	19.0	36.2	11.8
34811 35						
33151 00	Noninsulated ferrous wire, rope, cable, and strand, n.s.k.	.....	(X)	2.4	(X)	9.0
34811 00						
33152 --	Steel nails and spikes	.....	(X)	158.8	(X)	153.1
	Steel wire nails, spikes and brads:					
33152 11	Bright	1,000 short tons	240.9	58.1	226.6	54.6
33152 13	Galvanized	...do	60.9	17.3	47.9	13.2
33152 17	Cement-coated	...do	61.1	12.8	45.1	10.3
33152 19	Other nails, spikes, etc	...do	14.0	6.3	30.8	11.5
33152 23	Steel wire staples:	...do	e64.6	47.0	(NA)	36.6
33152 25	Steel tacks (wire and box)	.....	8.3	7.2	12.1	8.5
33152 28	Track spikes	...do	21.7	4.9	33.5	8.4
33152 32	Steel cut nails, spikes, and brads, including horseshoe nails but excluding track spikes	...do	10.0	3.0	11.3	6.5
33152 00	Steel nails and spikes, n.s.k.	.....	(X)	2.2	(X)	3.3
33155 --	Steel wire[5]	.....	(X)	678.1	(X)	619.4
33125 --						
33156 --	Fencing and fence gates	.....	(X)	130.8	(X)	115.5
34816 --						
33156 --	Made in industries 3312 and 3315	.....	(X)	75.8	(X)	58.3
34816 --	Made in fabricated wire products, n.e.c. (industry 3481) and other industries	.....	(X)	55.0	(X)	57.2
33156 13	Chain link fencing, excluding post, gates and fittings	1,000 short tons	(NA)	49.5	(NA)	37.5
34816 13						
33156 35	Fence gates, posts, and fittings	...do	(NA)	41.4	125.9	38.5
34816 35						
33156 13, 35	Made in industries 3312 and 3315	...do	(NA)	(NA)	(NA)	30.2
34816 13, 35	Made in industry 3481 and other industries	...do	(NA)	(NA)	(NA)	45.7
33156 21	Wire fence, woven and welded	...do	136.2	31.6	132.2	33.3
34816 21						
33156 21	Made in industries 3312 and 3315	...do	120.0	26.5	109.7	26.3
34816 21	Made in industry 3481 and other industries	...do	16.2	5.1	22.5	7.0
33156 71	Ornamental lawn fence	...do	7.7	2.5	11.0	3.5
34816 71						
33156 71	Made in industries 3312 and 3315	...do	7.2	2.0	5.8	1.8
34816 71	Made in industry 34816 and other industries	...do	0.5	0.5	5.2	1.6
33156 00	Fencing and fence gates, n.s.k.	.....	(X)	5.7	(X)	2.8
34816 00						
33157 --	Ferrous wire cloth and other woven ferrous wire products	.....	(X)	89.3	(X)	72.3
34814 --						
33157 --	Made in industries 3312 and 3315	.....	(X)	35.4	(X)	24.3
34814 --	Made in fabricated wire products, n.e.c. (industry 3481) and other industries	.....	(X)	53.9	(X)	48.0

See footnotes at end of table.

TABLE 6A-1. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
3315- --	STEEL WIRE AND RELATED PRODUCTS--Continued					
33157 --	Ferrous wire cloth and other woven ferrous wire products--Con.					
34814 --						
34814 --	Made in fabricated wire products, n.e.c. (industry 3481) and other industries--Continued					
33157 11	Insect wire screening, steel, including stainless steel	Million sq. ft.	145.7	5.9	168.6	7.8
34814 11						
33157 31	Hardware cloth	1,000 short tons	18.1	12.4	8.6	6.3
34814 31						
33157 61	Industrial wire cloth, steel	Million sq. ft.			(NA)	23.7
34814 61						
33157 61	Made in industries 3312 and 3315	...do...	(NA)	33.4	(NA)	4.6
34814 61	Made in industry 3481 and other industries	...do...			25.9	19.1
33157 71	Woven wire netting (poultry, fur farm, stucco, etc.)	1,000 short tons	(NA)	14.2	(NA)	13.6
34814 71						
33157 81	Stainless steel paper machine wire cloth (fourdrinier and cylinder)	...do...	(X)	19.4	(X)	20.1
34814 81						
33157 98	Other wire cloth and woven wire products including diamond cloth	...				
34814 98						
33157 00	Wire cloth and woven wire products, n.s.k	...	(X)	4.0	(X)	1.2
34814 00						
33159 --	Other fabricated wire products	...	(X)	668.2	(X)	496.9
34819 --						
33159 --	Made in industries 3312 and 3315	...	(X)	293.7	(X)	177.0
34819 --	Made in fabricated wire products, n.e.c. (industry 3481) and other industries	...	(X)	374.5	(X)	320.0
	Wire chain:					
33159 41	Tire	1,000 short tons	44.6	38.6	20.9	14.8
34819 41						
33159 49	Other	...do...	71.6	51.6	61.5	44.7
34819 49						
33159 49	Made in industries 3312 and 3315	...	37.2	25.4	19.7	14.2
34819 49	Made in industry 3481 and other industries	...	34.4	26.2	41.7	30.5
33159 51	Barbed and twisted steel wire	...do...	165.7	34.6	110.6	20.3
34819 51						
33159 55	Wire bale ties	...do...	129.3	25.9	86.9	17.3
34819 55						
33159 55	Made in industries 3312 and 3315	...do...	108.1	20.4	73.2	13.9
34819 55	Made in industry 3481 and other industries	...do...	21.2	5.5	13.8	3.4
	Welded steel wire fabric:					
33159 61	Concrete reinforcing mesh	...do...	678.8	116.9	542.7	94.2
34819 61						
33159 61	Made in industries 3312 and 3315	...do...	588.7	98.8	435.4	74.2
34819 61	Made in industry 3481 and other industries	...do...	90.1	18.1	107.3	20.0
33159 65	Other welded steel wire fabric	...do...	200.9	51.7	127.7	31.2
34819 65						
33159 65	Made in industries 3312 and 3315	...do...	183.5	38.3	116.7	27.3
34819 65	Made in industry 3481 and other industries	...do...	17.4	13.4	11.0	3.9
33159 71	Wire garment hangers	Million lbs.	254.1	39.3	161.4	25.6
34819 71						
33159 73	Wire carts, including household, grocery type and industrial	...	(X)	19.0	(X)	15.0
34819 73						
33159 75	Steel wire cages	...	(X)	16.2	(X)	9.2
34819 75						
33159 77	Paper clips	...	(X)	3.2	(X)	211.3
34819 77						
33159 98	Other wire products including baskets, guards, florists' designs, kitchenware, etc	...	(X)	242.4		
34819 98						
33159 00	Other fabricated wire products, n.s.k	...	(X)	28.9	(X)	17.9
34819 00						
33150 00	Steel wire drawing, n.s.k. (For establishments primarily with 10 or more employees in 1967. See Note.)	...	(X)	32.1	(X)	20.7
33150 02	Steel wire drawing, n.s.k. (For establishments principally with less than 10 employees in 1967. See Note.)	...	(X)	1.1		

See footnotes at end of table.

TABLE 6A-1. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
3316- --	COLD FINISHING OF STEEL SHAPES, TOTAL	(X)	3,809.4	(X)	3,332.6
33127 -- 33167 --	Cold rolled steel sheet and strip[5]	(X)	3,161.9	(X)	2,856.3
33128 -- 33168 --	Cold finished steel bars (except concrete reinforcing)[5]	(X)	629.2	(X)	472.8
33160 00	Cold finished sheet, strip and bars, n.s.k. (For establishments with 10 or more employees. See Note.)	(X)	17.9	(X)	3.5
33160 02	Cold finished sheet, strip and bars, n.s.k. (For establishments with fewer than 10 employees. See Note.)	(X)	0.4		
3317- --	STEEL PIPE AND TUBES, TOTAL[5]	(X)	2,629.1	(X)	1,887.5

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [6]From 10 to 30 percent of this figure was estimated.

[1]Excludes quantities produced in byproduct coke ovens operated in conjunction with utilities manufacturing and distributing gas.

[2]Data for product code 3312183 included with product codes 3312192, 3312193 and 3312194.

[3]Excludes shipments of steel processed on a conversion basis for nonsteel producing companies. Detailed data by shape and grade and net shipments figures appear in tables 6A-2, 6A-3 and 6A-4.

[4]These figures are not strictly comparable with tonnage shipments shown in Current Industrial Reports Series MA-33C, Commerical Steel Forgings in that the latter includes only forgings for sale, wheras the 1967 and 1963 Censuses of Manufactures include interplant transfers of forgings. Accordingly, a direct comparison with the monthly Current Industrial Reports Series is not possible. Forgings produced and consumed within the same plant are not included in either the census of the Current Industrial Reports figures. The estimated annual totals reported in the Current Industrial Reports survey for commercial steel forgings were as follows:

Item	1967 (1,000 short tons)	1963 (1,000 short tons)
Open die hammer and press forgings:		
Carbon	187.9	156.1
Alloy (including stainless)	211.9	219.9

[5]For detailed data, See Products of Industry 3312, above.

TABLE 6A-2. Receipts, Production, Consumption, and Shipments of Steel Mill Products: 1967

Census product code	Product	Receipts [1] (short tons)	Production (short tons)	Products consumed in producing plants (short tons)			Shipments [1]					
							Total		To other companies		Transfers to other plants of the same company	
				In the manufacture of--		As maintenance, repair, and operating supplies	Quantity (short tons)	Value f.o.b. plant ($1,000)	Quantity (short tons)	Value f.o.b. plant ($1,000)	Quantity (short tons)	Value f.o.b. plant ($1,000)
				Other basic steel shapes and forms	Fabricated products							
	CARBON STEEL											
331221	Ingots	1,603,419	112,434,726	112,187,312	74,869	18,026	1,383,877	106,130	55,917	7,428	1,327,960	98,702
	Semifinished shapes and forms:											
33122 13	Blooms, billets, slabs, sheet bars, and tinplate bars	11,806,557	88,805,972	84,586,136	150,555	71,262	13,468,724	1,275,209	2,127,322	234,098	11,341,402	1,041,111
33122 15	Tube rounds	874,637	2,687,648	2,728,713	(D)	(D)	875,398	116,321	68,835	9,820	806,563	106,501
33122 17	Skelp	1,223,620	3,899,116	3,654,517	(D)	(D)	1,282,562	141,489	628,329	72,540	654,233	68,949
33122 19	Wire rods	1,502,125	4,459,136	3,917,322	51,201	3,752	1,925,004	261,007	1,437,465	190,097	487,539	70,910
	Finished shapes and forms:											
	Plates:											
33124 11	Floor plates	1,187,798	185,612	1,048,350	101,807	101,133	181,517	27,725	181,517	27,725	(2)	(2)
33124 13	Plates, other than floor plates		7,716,443				7,193,692	988,885	5,919,178	816,094	1,274,514	182,791
33124 15	Structural shapes	52,589	5,923,731	(D)	42,430	36,580	5,874,986	782,989	5,424,828	724,419	450,158	58,570
	Piling:											
33124 17	Sheet piling											
33124 19	Bearing piles											
	Sheets and strip:											
	Sheets:											
33123 11, 15	Hot-rolled and enameling	4,435,186	15,552,825	5,184,367	202,558	27,942	14,076,257	1,684,235	10,029,155	1,207,426	4,047,102	476,809
33167 11	Cold-rolled	1,083,851	15,977,965	1,176,838	220,662	15,886	15,196,261	2,157,840	13,278,919	1,897,973	1,917,342	259,867
33123 14, 22	Electrical sheets and strip	(D)	33,968	-	(D)	(D)	47,189	8,734	[2]47,189	[2]8,734	(2)	(2)
33123 13	Galvanized sheets	45,803	4,497,381	73,132	186,542	5,686	4,006,769	794,463	[2]4,006,769	[2]794,463	(2)	(2)
33123 17	Long ternes	3,420	334,870	2,028	(D)	(D)	336,636	65,774	[2]336,636	[2]65,774	(2)	(2)
	Strip:											
33123 19	Hot-rolled	582,556	1,725,518	597,361	80,173	8,405	1,659,401	236,887	1,291,622	191,187	367,779	45,700
33167 15	Cold-rolled	392,701	1,389,778	352,587	66,655	1,018	1,369,345	314,072	1,155,264	277,150	214,081	36,922
33123 21	Galvanized	(D)	307,030	10,525	(D)	(D)	276,321	53,109	[2]276,321	[2]53,109	(2)	(2)
	Tin mill products:											
33123 24, 25	Black plate (including chemically treated black plate)	(D)	581,968	(D)	(D)	(D)	565,241	83,413	6,288,878	1,188,188	43,851	6,588
33123 26, 29	Hot-dipped tinplate and terneplate	-	32,027	-	-	-	36,986	8,857				
33123 27	Tinplate - electrolytic	(D)	5,842,736	(D)	(D)	(D)	5,730,502	1,102,506				
	Bars:											
	Hot-rolled bars, except concrete reinforcing:											
33124 21	Hollow drill steel	1,508,880	7,592,104	1,566,251	488,181	29,316	6,913,039	1,049,750	6,195,643	941,819	717,396	107,931
33124 23	All other											
	Concrete reinforcing bars:											
33124 25	Rolled from new billets	(D)	4,177,005	(D)	(D)	21,130	3,829,215	425,623	2,674,294	308,842	1,154,921	116,781
33124 27	Rolled from old materials (rails, axles, etc.)	(D)	76,584	-	(D)	-	63,080	8,495	[2]63,080	[2]8,495	(2)	(2)
33168 11	Cold finished bars	(D)	1,594,384	(D)	(D)	(D)	1,598,321	384,999	1,548,956	372,198	49,365	12,801
33124 29	Tool-steel bars	(D)	7,687	(D)	(D)	(D)	6,850	5,741	[2]6,850	[5]5,741	(2)	(2)
	Pipe and tubes:											
33176 11	Standard pipe	(D)	2,858,117	97,870	(D)	19,821	2,836,764	521,384	2,660,399	490,610	176,365	30,774
33176 12	Line pipe	(D)	2,591,768	(D)	(D)	979	2,327,349	428,606	2,215,882	408,719	111,467	19,887
33176 13	Oil country goods	(D)	1,006,431	(D)	-	(D)	1,006,996	243,620	1,135,073	262,242	78,029	17,101
33176 19	Miscellaneous	(D)	520,693	5,520	(D)	(D)	206,106	35,723				

See footnotes at end of table.

TABLE 6A-2. Receipts, Production, Consumption, and Shipments of Steel Mill Products: 1967—Continued

Census product code	Product	Receipts[1] (short tons)	Production (short tons)	Products consumed in producing plants (short tons)			Shipments[1]					
				In the manufacture of--		As maintenance, repair, and operating supplies	Total		To other companies		Transfers to other plants of the same company	
				Other basic steel shapes and forms	Fabricated products		Quantity (short tons)	Value f.o.b. plant ($1,000)	Quantity (short tons)	Value f.o.b. plant ($1,000)	Quantity (short tons)	Value f.o.b. plant ($1,000)
	CARBON STEEL--Continued											
	Finished shapes and forms--Continued											
	Pressure tubing:											
33176 21	Seamless	(D)	402,433	(D)	(D)	(D)	101,850	44,515	185,935	91,559	40,150	16,861
33176 22	Welded	(D)	124,737	(D)	(D)	(D)	124,235	63,905				
	Mechanical tubing:											
33176 23	Seamless	(D)	402,433	8,763	(D)	(D)	403,429	130,752	395,469	128,412	7,960	2,340
33176 24	Welded	93,436	1,013,936	39,986	93,877	23	953,639	258,798	929,961	252,574	23,678	6,224
	Wire:											
33155 11	Plain wire	125,483	2,587,169	192,849	628,005	7,788	1,766,194	391,979	1,616,632	354,282	149,562	37,697
33155 15	Galvanized wire	32,787	370,626	22,638	57,769	1,285	261,926	64,128	230,628	56,139	31,298	7,989
33155 19	Other coated wire	5,692	162,250	2,835	55,281	-	153,148	67,746	130,659	60,495	22,489	7,251
	Wire products:[3]											
33152 21	Nails and staples		364,182				370,986	89,865	367,459	89,034	3,527	831
33159 51	Barbed and twisted wire		176,516				171,878	41,939	[2]	[2]	[2]	[2]
33156 21	Wire fence, woven and welded		143,775				167,700	39,380	[2]	[2]	[2]	[2]
33159 55	Bale ties		86,779				82,760	15,142	81,956	14,996	812	146
33151 11	Wire rope and cable		132,769				138,702	100,235	[2]	[2]	[2]	[2]
	Wire strand:	49,597		2,061	9,669	745						
33151 33	For prestressed concrete		58,115				47,757	16,295	23,202	10,344	24,555	5,951
33151 35	Other		79,325				78,071	27,677	73,316	25,445	4,755	2,232
33157 71	Woven wire netting		127,758				57,374	23,746	57,374	23,746	[2]	[2]
	Rails, wheels, and track accessories:											
	Rails:											
33120 11	Standard tee (over 60 lbs. per yard)	(D)	690,902	-	(D)	(D)	659,156	82,640	667,932	84,461	32,361	4,445
33120 12, 13	All other (light tee, girder, guard, etc.)	(D)	47,160	-	(D)	(D)	41,137	6,266				
33120 14	Rail joints and tie plates	(D)	195,794	-	(D)	(D)	190,621	32,405	431,139	90,537	17,818	3,784
33120 15	Wheels, rolled (including tires and rims)	(D)	291,630	-	(D)	(D)	258,336	61,916				
33120 19	Other rolled and drawn carbon steel products	4,236	489,591	(D)	(D)	(D)	353,940	72,973	336,158	69,212	17,782	3,761
	ALLOY STEEL (EXCEPT STAINLESS)											
33122 31	Ingots	199,234	12,507,829	12,107,221	266,697	2,768	261,585	48,764	35,599	13,745	225,986	35,019
	Semifinished shapes and forms:											
3312233	Blooms, billets, slabs, and sheet bars	1,077,462	8,372,598	7,859,918	265,230	8,368	1,173,116	234,608	448,312	110,745	724,804	123,863
33122 35, 37	Tube rounds and skelp	336,279	939,182	931,280	(D)	(D)	338,511	76,533	[2]	[2]	[2]	[2]
33122 39	Wire rods	(D)	71,538	138,094	(D)	-	52,156	14,787	[2]	[2]	[2]	[2]
	Finished shapes and forms:											
33124 31, 35	Plates and structural shapes	(D)	2,198,546	(D)	(D)	(D)	2,060,792	394,947	1,768,087	346,296	292,705	48,651
	Sheets and strip:											
	Sheets:											
33123 31	Hot-rolled	33,983	342,942	(D)	(D)	(D)	285,501	60,295	267,178	52,932	18,323	7,363
33167 31	Cold-rolled	(D)	113,501	(D)	-	(D)	108,049	34,887	[2]	[2]	[2]	[2]
33123 34, 42	Electrical (sheet and strip)	(D)	816,854	-	(D)	-	834,409	275,267	[2]	[2]	[2]	[2]
	Strip:											
33167 35	Cold-rolled	(D)	34,812	412	(D)	-	35,351	40,521	[2]	[2]	[2]	[2]
33123 39	Hot-rolled	(D)	56,895	10,877	-	(D)	60,728	15,574	53,581	12,972	7,147	2,602

See footnotes at end of table.

TABLE 6A-2. Receipts, Production, Consumption, and Shipments of Steel Mill Products: 1967—Continued

Census product code	Product	Receipts [1] (short tons)	Production (short tons)	Products consumed in producing plants (short tons)			Shipments [1]					
				In the manufacture of--		As maintenance, repair, and operating supplies	Total		To other companies		Transfers to other plants of the same company	
				Other basic steel shapes and forms	Fabricated products		Quantity (short tons)	Value f.o.b. plant ($1,000)	Quantity (short tons)	Value f.o.b. plant ($1,000)	Quantity (short tons)	Value f.o.b. plant ($1,000)
	ALLOY STEEL (EXCEPT STAINLESS)--Continued											
	Finished shapes and forms--Continued											
	Bars:											
33124 41	Hot-rolled	174,278	2,077,443	176,533	44,286	1,682	2,029,754	448,164	1,873,345	415,026	156,409	33,138
33168 31	Cold-finished	(D)	229,815	(D)	(D)	(D)	229,537	86,808	[2]229,537	[2]86,808	([2])	([2])
	Tool steel bars:											
33124 48	High speed	3,570	30,479	(D)	(D)	(D)	30,544	79,365	[2]30,544	[2]79,365	([2])	([2])
33124 49	Other than high speed	3,527	70,667	(D)	(D)	(D)	69,689	86,929	57,126	79,340	12,563	7,589
	Pipe and tubes:											
33176 33	Oil country goods	129,427	359,352	16,370	812	125	341,341	101,740	1,479,793	438,261	242,692	116,322
33176 41, 42	Pressure tubing, seamless and welded		63,132				61,529	43,057				
33176 43, 44	Mechanical tubing, seamless and welded		387,497				475,369	210,282				
33176 31, 32, 39	Standard, line, and miscellaneous		690,526				844,246	199,504				
33155 31, 35, 39	Wire	(D)	62,047	(D)	(D)	(D)	54,011	37,755	49,652	35,812	4,449	1,943
33120 39	Other rolled and drawn alloy steel products	(D)	(D)	(D)	-	(D)	42,727	17,019	[2]42,727	[2]17,019	([2])	([2])
	STAINLESS STEEL											
33122 51	Ingots	71,903	1,380,216	1,361,853	(D)	(D)	67,406	33,443	17,628	15,441	49,778	18,002
	Semifinished shapes and forms:											
33122 53	Blooms, billets, slabs, and sheet bars	230,574	1,167,029	1,129,948	7,331	5,617	234,317	158,471	35,939	38,823	198,378	119,648
33122 55, 57	Tube rounds and skelp	7,251	(D)	25,947	(D)	(D)	7,477	5,800	7,646	7,357	11,285	10,450
33122 59	Wire rods	19,478	32,658	35,323			11,454	12,007				
	Finished shapes and forms:											
	Sheets and strip:											
	Sheets:											
33167 51	Cold-rolled	4,006	190,528	(D)	(D)	(D)	186,740	183,885	182,718	179,225	4,022	4,660
33123 51	Hot-rolled	229,292	250,857	199,355	(D)	(D)	273,535	157,400	61,964	42,014	211,571	115,386
	Strip:											
33123 59	Hot-rolled	98,513	74,900	63,509	(D)	(D)	77,707	49,942	50,054	29,811	27,653	20,131
33167 55	Cold-rolled		265,659	25,544			276,418	254,711	252,173	233,392	24,245	21,319
33124 51	Plates	(D)	83,115	(D)	(D)	(D)	77,002	87,365	[2]77,002	[2]87,365	([2])	([2])
	Bars:											
33124 61	Hot-rolled	24,947	72,148	(D)	(D)	(D)	76,334	85,463	51,447	65,206	24,887	20,257
33168 51	Cold-finished	(D)	104,771	(D)	(D)	(D)	102,949	141,578	99,896	137,958	3,053	3,620
	Pipe and tubes:											
	Pressure tubing:											
33176 61	Seamless	3,257	14,514	5,687	(D)	-	14,593	38,865	64,616	151,351	3,224	7,232
33176 62	Welded		27,701				31,954	63,152				
	Mechanical tubing:											
33176 63	Seamless	(D)	6,357	950	(D)	-	7,119	24,850				
33176 64	Welded		16,265	1,431			14,174	31,716				
33155 51	Wire	(D)	51,024	418	(D)	(D)	49,163	83,987	48,160	81,894	1,003	2,093
33120 59	Other rolled and drawn stainless steel products	(D)	6,912	(D)	(D)	(D)	7,026	10,877	[2]7,026	[2]10,877	([2])	([2])

Source: Current Industrial Reports Series MA-33B, "Steel Mill Products."

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Excludes receipts and shipments of steel processed on a conversion basis for nonsteel producing companies. Receipts data represent receipts at producing mills only but include receipts from both domestic and foreign sources.

[2]Transfers to other plants of the same company are included with shipments to other companies. Such transfers constituted between 15 and 30 percent of carbon steel electrical sheets and strip, carbon steel wire rope and cable, alloy steel wire rods, and alloy steel electrical sheets and strip. For all other cases such transfers constitute less than 5 percent of the total.

[3]Represents the quantity and value of shipments by steel works and wire drawing plants. Total shipments of these products by all establishments in 1967 are shown in table 6A-1.

TABLE 6A-3. Steel Mill Products—Receipts, Production, Consumption, and Shipments: 1963

Census product code	Product	Receipts[1] (short tons)	Production (short tons)	Products consumed in producing plants (short tons)			Shipments[1]					
							Total		To other companies		Transfers to other plants of the same company	
				In the manufacture of--		As maintenance, repair, and operating supplies	Quantity (short tons)	Value f.o.b. plant ($1,000)	Quantity (short tons)	Value f.o.b. plant ($1,000)	Quantity (short tons)	Value f.o.b. plant ($1,000)
				Other basic steel shapes and forms	Fabricated products							
	CARBON STEEL											
33122 11	Ingots	622,047	98,845,947	98,555,593	77,814	17,275	517,361	33,147	118,010	8,399	399,351	24,748
	Semifinished shapes and forms:											
33122 13	Blooms, billets, slabs, sheet bars, and tinplate bars	10,439,890	75,690,811	74,457,133	128,452	67,652	11,237,971	1,065,471	2,849,983	286,445	8,387,988	779,026
33122 15	Tube rounds	876,509	2,468,629	2,506,802	(D)	(D)	822,072	109,175	124,364	16,456	697,708	92,719
33122 17	Skelp	547,332	3,315,283	2,991,463	(D)	(D)	781,465	85,769	612,253	67,430	169,212	18,339
33122 19	Wire rods	1,026,640	4,449,656	3,957,209	9,347	3,818	1,543,264	226,851	1,086,007	158,778	457,257	68,073
	Finished shapes and forms:											
	Plates:											
33122 11	Floor plates	634,069	163,543	-	115,974	86,816	159,969	23,224	159,057	23,099	912	125
33124 13	Plates, other than floor plates		6,819,961	480,580			6,693,641	879,262	5,952,597	779,058	741,044	100,204
33124 15	Structural shapes	18,737	4,833,169	(D)	8,083	20,212	4,790,034	608,517	4,530,029	575,227	260,005	33,290
	Piling:											
33124 17	Sheet piling	1,002	384,305	-	-	7,699	389,843	51,170	382,857	50,244	6,986	926
33124 19	Bearing piles											
	Sheets and strip:											
	Sheets:											
33123 11, 15	Hot-rolled and enameling	4,831,049	12,906,587	4,427,572	173,305	33,300	12,792,103	1,515,340	9,307,452	1,107,979	3,484,651	407,361
33167 11	Cold-rolled	947,800	15,480,678	1,135,601	142,380	16,907	14,942,994	2,081,456	13,113,629	1,838,584	1,829,365	242,872
33123 13	Galvanized	30,205	3,700,482	79,918	164,971	4,596	3,452,791	600,959				
33123 14, 22	Electrical (sheets and strip)	(D)	53,835	(D)	(D)	(D)	62,670	11,833	3,741,093	661,973	107,160	16,977
33123 17	Long ternes	(D)	339,817	(D)	(D)	(D)	332,792	66,158				
	Strip:											
33123 19	Hot-rolled	617,623	1,761,156	542,762	89,532	9,230	1,718,367	233,814	1,527,828	210,257	190,539	23,557
33167 15	Cold-rolled	242,997	1,338,479	232,160	147,439	1,057	1,187,740	273,672	1,088,988	250,833	98,752	22,839
33123 21	Galvanized	405	279,548	(D)	26,250	472	251,662	47,809	249,894	47,465	1,768	344
	Tin mill products:											
33123 24, 25	Black plate (including chemically treated black plate)	27,222	452,558	25,572	110	792	432,741	63,123	432,741	63,123	[2]	[2]
	Tinplate:											
33123 26	Hot-dipped	-	141,878	-	-	109	189,130	36,638	189,130	36,638	-	-
33123 27	Electrolytic	191	5,013,771	169	-	744	5,045,870	941,204	5,045,773	941,189	97	15
33123 29	Terne plate (short ternes)											
	Bars:											
	Hot-rolled bars, except concrete reinforcing:											
33124 21	Hollow drill steel	1,197,973	6,917,213	1,134,428	323,405	29,025	6,527,539	940,680	5,876,992	848,478	650,547	92,202
33124 23	All other											
	Concrete reinforcing bars:											
33124 25	Rolled from new billets	107,857	3,042,021	(D)	344,266	10,264	2,668,926	278,165	2,147,456	228,861	662,415	65,356
33124 27	Rolled from old materials (rails, axles, etc.)	9,366	177,971	(D)	35,848	-	140,945	16,052				
33168 11	Cold finished bars	21,647	316,806	8,801	1,218	1,782	1,326,580	302,077	1,288,998	294,103	37,582	7,974
33124 29	Tool-steel bars	434	9,034	(D)	-	255	8,945	7,335	8,945	7,335	-	-

See footnotes at end of table.

TABLE 6A-3. Steel Mill Products—Receipts, Production, Consumption, and Shipments: 1963—Continued

Census product code	Product	Receipts[1] (short tons)	Production (short tons)	Products consumed in producing plants (short tons)			Shipments[1]					
				In the manufacture of—		As maintenance, repair, and operating supplies	Total		To other companies		Transfers to other plants of the same company	
				Other basic steel shapes and forms	Fabricated products		Quantity (short tons)	Value f.o.b. plant ($1,000)	Quantity (short tons)	Value f.o.b. plant ($1,000	Quantity (short tons)	Value f.o.b. plant ($1,000)
	CARBON STEEL--Continued											
	Finished shapes and forms--Continued											
	Pipe and tubes:											
33176 11	Standard pipe	133,216	2,339,441	40,434	43,701	17,277	2,341,775	422,622	2,253,125	407,318	88,650	15,304
33176 12	Line pipe	6,168	1,923,580	2,615	(D)	(D)	1,930,049	334,640	1,901,901	330,192	28,148	4,448
33176 13	Oil country goods	5,721	1,222,903	-	-	102	1,176,125	252,467	1,342,978	280,339	71,734	21,472
33176 19	Miscellaneous	(D)	244,478	(D)	(D)	77	238,587	49,344				
33176 14	Pressure tubing	10,349	224,661	8,966	(D)	(D)	222,236	93,246	188,295	80,691	33,941	12,555
33176 15	Mechanical tubing	44,039	910,541	32,251	42,212	123	878,916	252,212	866,357	248,776	12,559	3,436
	Wire:											
33155 11	Plain wire	82,462	2,220,276	71,943	521,437	8,134	1,707,378	382,472	1,581,715	353,866	125,663	28,606
33155 15	Galvanized wire	16,962	332,078	15,388	47,922	1,722	274,043	70,117	237,649	61,135	36,394	8,982
33155 19	Other coated wire	5,091	111,009	3,531	3,996	182	104,873	48,315	102,624	47,071	2,249	1,244
	Wire products:[3]											
33152 21	Nails and staples	7,666	338,956	(D)	5,440	434	341,781	80,100	335,718	78,616	6,063	1,484
33159 51	Barbed and twisted wire	100	113,436	-	60	30	110,782	20,279	109,889	20,124	893	155
33156 21	Wire fence, woven and welded	(D)	129,298	-	(D)	(D)	133,265	28,992	131,709	28,638	1,556	354
33159 55	Bale ties	481	70,834	-	-	202	72,046	13,114	72,046	13,114	-	-
33151 11	Wire rope and cable	(D)	98,658	(D)	(D)	306	97,454	61,450	184,289	88,942	9,542	5,380
33151 31	Wire strand	(D)	96,644	(D)	(D)	96	96,377	32,872				
33157 71	Woven wire netting	(D)	38,301	-	-	-	44,751	13,520	44,751	13,520	-	-
	Rails, wheels, and track accessories:											
	Rails:											
33120 11	Standard tee (over 60 lb. per yard)	(D)	506,281	-	(D)	6,971	489,332	58,621	475,237	56,929	14,095	1,692
33120 12, 13	All other (light tee, girder, guard, etc.)	547	31,491	-	141	669	31,100	4,700	26,886	4,032	4,214	668
33120 14	Rail joints and tie plates	278	168,249	-	(D)	(D)	162,927	24,838	160,352	24,465	2,575	373
33120 15	Wheels, rolled (including tires and rims)	(D)	269,548	-	(D)	304	253,117	60,395	250,459	59,819	2,658	576
33120 19	Other rolled and drawn carbon steel products	(D)	141,848	(D)	(D)	120	115,789	25,895	113,892	25,437	1,897	458
	ALLOY STEEL (EXCEPT STAINLESS)											
33122 31	Ingots	102,548	8,975,689	8,739,222	192,352	1,955	108,708	26,349	21,822	4,225	86,886	22,124
	Semifinished shapes and forms:											
33122 33	Blooms, billets, slabs, and sheet bars	724,297	6,024,382	5,495,610	134,284	7,209	1,090,139	206,586	561,995	106,755	528,144	99,831
33122 35, 37	Tube rounds and skelp	367,498	700,638	686,948	(D)	(D)	377,037	83,490	44,001	11,261	333,036	72,229
33122 39	Wire rods	37,041	64,245	45,221	425	-	54,578	14,883	40,332	11,340	14,246	3,543
	Finished shapes and forms:											
33124 31	Plates	132,951	762,702	(D)	(D)	(D)	792,437	162,380	748,737	153,324	43,700	9,056
	Sheets and strip:											
	Sheets:											
33123 31	Hot-rolled	10,716	376,225	(D)	(D)	(D)	348,982	71,452	342,669	67,058	6,313	4,394
33167 31	Cold-rolled	(D)	77,401	(D)	(D)	7	64,215	14,951	64,120	14,918	95	33
33123 34, 42	Electrical (sheet and strip)	(D)	630,803	(D)	(D)	(D)	634,079	194,598	448,313	154,127	185,766	40,471
	Strip:											
33167 35	Cold-rolled	(D)	25,117	(D)	(D)	-	24,083	22,857	21,412	20,948	2,671	1,909
33123 39	Hot-rolled	10,915	49,232	10,634	-	155	50,634	12,616	44,969	10,896	5,665	1,720
33124 35	Structural shapes	(D)	183,650	(D)	(D)	(D)	174,047	32,487	164,056	30,125	9,991	2,362

See footnotes at end of table.

TABLE 6A-3. Steel Mill Products—Receipts, Production, Consumption, and Shipments: 1963—Continued

Census product code	Product	Receipts[1] (short tons)	Production (short tons)	Products consumed in producing plants (short tons)			Shipments[1]					
				In the manufacture of--		As maintenance, repair, and operating supplies	Total		To other companies		Transfers to other plants of the same company	
				Other basic steel shapes and forms	Fabricated products		Quantity (short tons)	Value f.o.b. plants ($1,000)	Quantity (short tons)	Value f.o.b. plants ($1,000)	Quantity (short tons)	Value f.o.b. plants ($1,000)
	ALLOY STEEL (EXCEPT STAINLESS)--Continued											
	Finished shapes and forms--Continued											
	Bars:											
33124 41	Hot-rolled	137,222	1,947,014	130,188	49,472	2,014	1,905,701	379,744	1,763,662	352,252	142,039	27,492
33168 31	Cold-finished	(D)	214,212	(D)	(D)	235	212,571	74,208	189,956	66,352	22,615	7,856
	Tool steel bars:											
33124 48	High speed	(D)	16,803	(D)	(D)	(D)	23,786	61,551	20,666	57,269	3,120	4,282
33124 49	Other than high speed	1,808	50,679	(D)	(D)	(D)	50,003	64,007	42,162	53,250	7,841	10,757
	Pipe and tubes:											
33176 32	Line pipe	(D)	121,679	-	(D)	-	114,648	24,034	114,648	24,034	-	-
33176 33	Oil country goods	1,316	307,519	-	-	-	300,621	81,013				
33176 34	Pressure tubing	185	38,370	(D)	3	-	38,470	22,983	521,697	192,168	189,267	80,616
33176 35	Mechanical tubing	(D)	357,274	48,280	(D)	(D)	360,880	164,280				
33176 31, 39	Standard and miscellaneous	5,768	11,608	(D)	(D)	(D)	10,993	4,508				
33155 31, 35, 39	Wire	1,504	59,809	1,511	8,943	(D)	50,649	35,913	45,981	33,558	4,668	2,355
33120 39	Other rolled and drawn alloy steel products	(D)	12,956	-	(D)	(D)	11,026	7,726	11,026	7,726	-	-
	STAINLESS STEEL											
33122 51	Ingots	71,904	1,188,982	1,202,211	1,894	405	50,010	24,598	17,013	9,518	32,997	15,080
	Semifinished shapes and forms:											
33122 53	Blooms, billets, slabs, and sheet bars	165,980	914,315	853,500	4,573	2,958	209,113	113,590	27,779	19,289	181,334	94,301
33122 55, 57, 59	Tube rounds, skelp, and wire rods	25,472	44,693	41,015	-	-	28,732	25,422	13,322	13,071	15,410	12,351
	Finished shapes and forms:											
	Sheets and strip:											
	Sheets:											
33167 51	Cold-rolled	2,901	152,078	2,731	208	387	151,614	154,734	147,912	151,771	3,702	2,963
33123 51	Hot-rolled	165,727	150,491	135,386	526	-	169,742	93,524	66,255	42,169	103,487	51,355
	Strip:											
33123 59	Hot-rolled	40,199	69,742	37,910	-	-	71,674	42,639	66,524	39,705	5,150	2,934
33167 51	Cold-rolled	(D)	238,483	30,942	(D)	(D)	236,272	233,890	213,531	212,439	22,741	21,451
33124 51	Plates	(D)	59,369	(D)	(D)	178	58,355	64,494				
	Bars:								101,075	114,734	12,636	10,925
33124 61	Hot-rolled	7,809	57,227	7,139	(D)	(D)	55,357	61,165				
33168 51	Cold-finished	1,655	75,560	(D)	-	54	74,017	99,781	72,716	98,249	1,301	1,532
	Pipe and tubes:											
33176 54	Pressure tubing	144	20,433	(D)	30	-	20,523	48,228	19,206	45,895	1,317	2,333
33176 55	Mechanical tubing	1,890	13,164	1,501	-	-	13,275	47,470	12,685	46,098	590	1,372
33155 51	Wire	3,258	32,492	4,391	1,764	-	30,390	50,969	29,389	48,968	1,001	2,001
33120 59	Other rolled and drawn stainless steel products.	420	1,497	(D)	10	-	1,539	2,222	1,539	2,222	-	-

Source: Current Industrial Reports Series MA-33B, "Steel Mill Products."

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Excludes receipts and shipments of steel processed on a conversion basis for nonsteel producing companies. Receipts data represent receipts as producing mills only but include receipts from both domestic and foreign sources.

[2]Transfers to other plants of the same company are included with shipments to other companies. Such transfers constitute less than 5 percent of the total.

[3]Represents the quantity and value of shipments by steel works and wire drawing plants. Total shipments of these products by all establishments in 1963 are shown in table 6A.

TABLE 6A-4. Net Shipments of Steel Mill Products: 1963-1967

(Short tons)

Product[1]	1967	1966	1965	1964	1963
ALL GRADES, TOTAL	84,678,448	90,632,788	92,455,709	86,293,385	75,391,424
Carbon steel, total	76,357,101	81,361,764	83,192,455	78,931,437	69,178,352
Ingots and semifinished shapes and forms (blooms, billets, slabs, sheet bars, tinplate bars, tube rounds, skelp and wire rods)	2,372,956	1,405,044	1,676,775	2,222,993	1,708,463
Finished shapes and forms:					
Plates:					
Floor plates	180,433	211,541	203,251	175,270	160,594
Plates, other than floor plates	6,209,918	7,281,797	7,927,489	7,314,939	6,261,737
Structural shapes	5,901,407	6,482,558	6,488,890	5,858,370	4,799,592
Sheet piling					179,127
Bearing piles					217,413
Sheet and strip:					
Sheet:					
Hot-rolled and enameling	8,871,571	9,487,992	9,744,489	9,399,486	8,167,659
Cold-rolled	14,348,958	15,468,354	15,964,349	15,350,652	14,154,481
Galvanized	4,153,194	4,245,355	4,368,859	4,071,356	3,592,153
Electrical (sheet and strip)	48,995	46,059	53,401	52,449	53,860
Long ternes	333,386	450,646	443,458	402,022	327,163
Strip:					
Hot-rolled	1,165,423	1,222,011	1,469,740	1,422,123	1,199,506
Cold-rolled	1,044,317	1,209,390	1,182,914	1,167,250	1,093,239
Galvanized	295,390	336,581	337,192	286,849	277,979
Tin mill products:					
Electrolytic tinplate	5,730,686	5,095,585	5,856,571	5,410,622	5,046,423
Terneplate	36,986	48,380	124,707	144,508	189,239
Hot-dipped tinplate					
Black plate (including chemically treated black plate)	525,786	450,087	409,187	414,898	406,421
Bars:					
Hot-rolled bars (except concrete reinforcing):					
Hollow drill steel	5,921,656	6,672,293	6,945,074	6,299,961	5,681,996
All other					
Concrete reinforcing bars:					
Rolled from new billets	4,124,382	4,233,886	3,792,386	3,762,430	2,915,599
Rolled from old materials (rails, axles, etc.)	76,440	101,910	183,179	278,431	167,427
Cold-finished bars	1,569,203	1,866,553	1,750,872	1,493,441	1,307,933
Tool-steel bars	6,505	7,482	8,530	7,124	8,766
Pipe and tubes:					
Standard pipe	2,728,563	3,043,293	2,800,361	2,584,724	2,269,537
Line pipe	2,347,973	2,579,937	2,273,048	2,303,507	1,925,468
Oil country goods	959,810	1,088,086	1,176,829	1,279,285	1,170,506
Pressure tubing:					
Seamless	98,419	118,914	109,903	93,113	212,281
Welded	114,513	137,907	140,558	129,848	
Mechanical tubing:					
Seamless	383,139	499,868	446,276	418,408	877,212
Welded	954,103	1,167,958	1,111,799	1,038,291	
Miscellaneous	424,732	176,356	205,692	240,313	236,374
Wire:					
Plain wire	2,276,504	2,585,975	2,679,118	2,503,362	2,154,486
Galvanized wire	288,193	306,713	324,616	353,093	306,725
Other coated wire	202,737	168,365	168,514	127,919	103,960
Wire products:[2]					
Nails and staples	368,268	366,422	350,659	357,173	339,989
Barbed and twisted wire	171,898	234,008	162,812	120,752	110,772
Wire fence, woven and welded	142,147	198,872	149,414	131,667	131,707
Bale ties	82,835	80,530	102,014	86,199	71,767
Wire rope and cable	136,047	149,989	133,518	114,090	97,712
Wire strand	125,818	r145,395	121,722	116,154	96,920
Woven wire netting	51,303	50,799	39,322	54,851	37,829

See footnotes at end of table.

TABLE 6A-4. Net Shipments of Steel Mill Products: 1963-1967—Continued

(Short tons)

Product	1967	1966	1965	1964	1963
Carbon steel--Continued					
Finished shapes and forms--Continued					
Standard tee rails (over 60 lb. per yard)	674,129	842,655	700,147	636,930	506,908
All other rails (light tee, girder, guard, etc.)	45,838	57,878	53,506	41,358	31,363
Rail joints and tie plates	196,242	258,685	196,925	174,456	167,384
Wheels, rolled (including tires and rims)	284,161	343,504	331,038	341,275	270,802
Other rolled and drawn carbon steel products	384,392	436,151	483,371	149,495	141,880
Alloy steel (except stainless), total	7,470,936	8,326,517	8,376,385	6,551,386	5,545,371
Ingots and semifinished shapes and forms (blooms, billets, slabs, sheet bars, tube rounds, skelp, and wire rods)	766,482	967,521	1,192,299	730,987	744,433
Finished shapes and forms:					
Plates	1,660,052	1,764,882	1,827,239	1,104,297	668,555
Structural shapes					174,054
Sheet and strip:					
Sheets:					
Hot-rolled	252,393	333,657	296,736	382,839	339,256
Electrical	357,840	368,352	444,774	386,804	317,913
Cold-rolled	73,300	48,363	64,578	82,688	63,953
Strip:					
Cold-rolled	34,671	33,502	29,909	28,022	22,706
Hot-rolled	48,534	54,994	40,250	32,241	39,874
Electrical	362,497	364,058	340,892	306,995	243,538
Bars:					
Hot-rolled	1,901,444	2,338,793	2,325,847	2,082,298	1,819,965
Cold-finished	228,172	267,765	254,222	227,444	212,433
Tool-steel bars:					
High speed	27,055	25,622	23,338	17,094	15,465
Other than high speed	66,668	69,263	67,312	56,164	49,027
Pipe and tubes:					
Oil country goods	321,357	330,726	360,618	351,320	299,305
Pressure tubing	60,586	51,486	61,484	44,972	38,288
Mechanical tubing	369,004	412,335	398,412	351,342	304,958
Line	843,056	755,835	540,074	280,263	114,654
Standard and miscellaneous					6,654
Wire	55,430	82,477	67,762	56,328	58,090
Other rolled and drawn alloy steel products	42,395	56,886	40,639	29,288	12,250
Stainless steel, total	850,411	944,507	886,869	810,562	667,701
Ingots, and semifinished shapes and forms (blooms, billets, slabs, sheet bars, tube rounds, skelp, and wire rods)	13,663	26,850	18,025	32,844	34,329
Finished shapes and forms:					
Sheet and strip:					
Sheet:					
Hot-rolled	44,333	34,401	38,884	56,127	4,541
Cold-rolled	186,230	196,040	182,783	167,010	149,308
Strip:					
Hot-rolled	13,054	27,803	26,727	17,219	31,475
Cold-rolled	249,605	260,345	262,108	244,029	209,909
Plates	74,668	97,105	90,869	74,385	55,523
Bars:					
Hot-rolled	51,851	58,109	58,480	42,276	48,381
Cold-finished	102,060	113,041	96,274	82,444	72,416
Pipe and tubes:					
Pressure tubing:					
Seamless	14,067	17,008	16,482	12,008	20,409
Welded	29,444	28,780	30,390	21,788	
Mechanical tubing:					
Seamless	4,185	6,332	3,494	6,825	11,385
Welded	13,166	17,153	13,686	12,162	
Wire	47,090	53,162	39,593	38,228	28,896
Other rolled and drawn stainless steel products	6,995	8,378	9,074	3,217	1,129

Source: Current Industrial Reports Series MA-33B, "Steel Mill Products."

[1]Net shipments are derived by subtracting the steel mills' receipts of each steel mill shape from the total of shipments to other companies, transfers to other plants, and tonnage consumed in steel mills in the production of fabricated products and as maintenance, repair, and operating supplies. For practical purposes, net shipments amount to zero for some products. Due to material in transit, this results in negative figures for a few items. Where products are grouped together for calculation of net shipments, some of the individual products within the group may represent negative figures. In such cases, the negative figures for the individual products were subtracted from the net shipments of the other products and an overall net shipments total is shown.

[2]Represents wire products produced within steel works and wire drawing establishments.

TABLE 6A-5. Pig Iron Shipped by All Producers—Quantity and Value: 1967 and 1963

Product	Total shipments including interplant transfers			
	1967		1963	
	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
Pig iron, total reported in the census of manufactures[1]	82,532.3	(NA)	70,741.1	(NA)
Pig iron, by grade[2], total	86,819.0	4,965.7	72,211.0	4,222.5
Foundry	1,534.0	87.0	1,657.0	92.2
Basic	79,931.0	4,565.1	62,062.0	3,803.5
Bessemer	2,844.0	169.3	2,821.0	171.3
Low-phosphorous	215.0	13.0	173.0	10.5
Malleable	1,996.0	113.9	2,299.0	135.1
All other (not ferroalloys)	299.0	17.3	199.0	9.8

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
[1]Represents total production.
[2]Source: Bureau of Mines, Department of Interior.

TABLE 6A-6. Ferroalloys Shipped by All Producers —Quantity and Value: 1967 and 1963

Product	Total shipments including interplant transfers			
	1967		1963	
	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
Ferroalloys and other additives reported in the census of manufactures[1]	2,691.0	(NA)	2,144.0	(NA)
Ferroalloys, by grade[2], total	2,507.7	464.6	2,089.1	388.5
Ferromanganese	870.8	128.4	802.1	125.1
Ferrosilicon	603.4	102.0	448.0	76.6
Ferrophosphorus	107.0	6.1	77.8	2.9
Ferrotitanium	3.7	2.4	3.0	2.5
Silvery iron	210.3	16.4	202.1	16.1
Ferrochromium	299.3	82.0	314.7	82.2
Silicomanganese	239.7	38.2	154.8	24.9
Other	173.4	89.1	86.4	58.2

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.
[1]Represents total production.
[2]Source: Bureau of Mines, Department of Interior.

TABLE 6A-7. Production of Steel Ingots, by Geographic Areas: 1967 and 1963

(Thousand of short tons)

Division and State	Production of steel ingots	
	1967	1963
UNITED STATES, TOTAL	126,322.8	109,010.6
New England	(D)	30,723.9
Rhode Island	(D)	
Connecticut	(D)	
Middle Atlantic	37,215.1	
New York	7,404.4	
New Jersey		
Pennsylvania	29,810.7	
East North Central	57,658.7	52,173.8
Ohio	20,368.8	18,781.1
Indiana	17,443.9	15,552.9
Illinois	10,599.4	9,290.9
Michigan	9,246.6	8,548.9
West North Central (Minnesota and Missouri)	(D)	[1]4,540.0
South Atlantic (Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida)	12,097.4	[2]12,547.4
East South Central (Kentucky, Mississippi, and Alabama)	6,736.4	5,292.1
West South Central (Oklahoma and Texas)	2,874.1	([2])
Mountain (Colorado, Utah, and Arizona)	3,503.3	([1])
Pacific	4,644.0	3,733.4
Washington	587.3	3,733.4
Oregon		
California	4,056.7	
Hawaii		

Source: Current Industrial Reports Series MA-33B "Steel Mill Products."

Note: States not listed had no steel ingot production in either year.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not avialable. (D) Withheld to avoid disclosing figures for individual companies.

[1]Data for the Mountain region are included with data for the West North Central region.

[2]Data for the West South Central region are included with data for the South Atlantic region.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
OTHER STEEL MILL PRODUCTS, EXCEPT WIRE PRODUCTS (33120)		
United States, total..	324.8	225.8
Northeast Region.....	154.2	95.3
New England Div.....	BB	(D)
Massachusetts.....	BB	(1)
Middle Atlantic Div.....	GG	(D)
New York.....	FF	12.1
Pennsylvania.....	128.0	80.7
North Central Region....	GG	50.3
East North Central Div....	GG	(D)
Ohio.....	EE	13.6
Indiana.....	64.5	(1)
Illinois.....	FF	(1)
Michigan.....	FF	(D)
West North Central Div....	BB	(D)
Missouri.....	BB	(1)
South Region.....	GG	(D)
South Atlantic Div.....	CC	(D)
Delaware.....	BB	(1)
West Virginia.....	AA	(1)
East South Central Div....	54.4	(D)
Kentucky.....	CC	(D)
Tennessee.....	CC	(D)
Alabama.....	BB	(1)
West Region.....	FF	(D)
Mountain Div.....	FF	(D)
Colorado.....	FF	(1)
Pacific Div.....	EE	(D)
Washington.....	AA	(D)
California.....	CC	(1)
COKE OVEN, BLAST FURNACE PRODUCTS, INCLUDING FERRO-ALLOYS (33121, 33131, AND 33134)		
United States.....	1,466.9	1,484.9
Northeast Region.....	527.1	643.4
New England Div.....	CC	(D)
Connecticut.....	CC	(1)
Middle Atlantic Div.....	GG	(D)
New York.....	95.2	85.1
New Jersey.....	FF	(1)
Pennsylvania.....	384.4	529.7
North Central Region....	600.8	529.8
East North Central Div....	GG	(D)
Ohio.....	233.9	193.9
Indiana.....	18.5	55.7
Illinois.....	GG	53.1
Michigan.....	GG	199.1
Wisconsin.....	EE	(1)
West North Central Div....	EE	(D)
Minnesota.....	CC	(1)
Missouri.....	CC	(1)
Iowa.....	EE	(1)
COKE OVEN, BLAST FURNACE PRODUCTS, INCLUDING FERRO-ALLOYS (33121; 33131, AND 33134)--Con.		
South Region.....	293.0	280.5
South Atlantic Div.....	GG	(D)
Maryland.....	EE	(1)
Virginia.....	7.8	6.8
West Virginia.....	49.7	59.0
East South Central Div....	GG	(D)
Kentucky.....	GG	32.4
Tennessee.....	EE	28.2
Alabama.....	160.9	139.3
West South Central Div....	EE	(D)
Louisiana.....	BB	(1)
Texas.....	CC	(1)
West Region.....	45.9	31.3
Mountain Div.....	EE	9.8
Colorado.....	BB	(1)
Utah.....	EE	(1)
Pacific Div.....	FF	21.5
Oregon.....	EE	(1)
California.....	EE	(1)
STEEL INGOT AND SEMIFINISHED SHAPES (33122)		
United States.....	2,526.5	2,034.7
Northeast Region.....	1,091.4	830.6
New England Div.....	24.5	26.1
Massachusetts.....	CC	(1)
Rhode Island.....	BB	(1)
Connecticut.....	EE	(1)
Middle Atlantic Div.....	1,066.9	804.5
New York.....	GG	(1)
New Jersey.....	BB	(1)
Pennsylvania.....	870.7	732.7
North Central Region....	1,187.3	(D)
East North Central Div....	GG	1,038.1
Ohio.....	474.7	516.7
Indiana.....	GG	(1)
Illinois.....	298.4	(1)
Michigan.....	EE	10.8
West North Central Div....	FF	(D)
Minnesota.....	FF	(1)
Missouri.....	EE	(1)
South Region.....	216.9	(D)
South Atlantic Div.....	95.0	43.9
Maryland.....	GG	(1)
Georgia.....	CC	(D)
East South Central Div....	GG	42.0
Kentucky.....	GG	(1)
Alabama.....	CC	(1)
West South Central Div....	FF	(D)
Texas.....	FF	(1)
West Region.....	31.0	(D)
Mountain Div.....	CC	(D)
Colorado.....	CC	(1)
Utah.....	AA	(D)
Pacific Div.....	FF	10.2
Washington.....	CC	(D)
California.....	13.2	(1)
HOT ROLLED SHEET, STRIP, INCLUDING TIN-MILL PRODUCTS (33123)		
United States.....	4,533.3	3,969.3
Northeast Region.....	GG	(D)
New England Div.....	BB	(D)
Rhode Island.....	BB	(1)
Middle Atlantic Div.....	GG	807.4
New York.....	GG	(1)
New Jersey.....	AA	(1)
Pennsylvania.....	GG	(1)
North Central Region....	GG	(D)
East North Central Div....	GG	(D)
Ohio.....	820.4	646.2
Indiana.....	731.4	638.1
Illinois.....	GG	(1)
Michigan.....	GG	(1)
South Region.....	GG	(D)
South Atlantic Div.....	GG	(D)
Maryland.....	GG	(1)
Virginia.....	BB	(D)
West Virginia.....	GG	(1)
Georgia.....	BB	(1)
East South Central Div....	250.7	327.9
Kentucky.....	GG	(1)
Alabama.....	GG	(1)
West South Central Div....	BB	(D)
Texas.....	BB	(D)
West Region.....	GG	(D)
Mountain Div.....	GG	(D)
Utah.....	GG	(1)
Pacific Div.....	GG	(D)
California.....	GG	(1)
HOT ROLLED BARS, PLATES, AND STRUCTURAL SHAPES (33124)		
United States.....	4,456.4	3,667.7
Northeast Region.....	GG	(D)
New England Div.....	EE	(D)
Connecticut.....	EE	(1)
Middle Atlantic Div.....	1,727.0	1,392.2
New York.....	315.5	(1)
Pennsylvania.....	GG	(D)
North Central Region....	GG	(D)
East North Central Div....	1,785.7	1,482.3
Ohio.....	419.8	376.2
Indiana.....	697.2	525.4
Illinois.....	597.9	511.2
Michigan.....	70.7	69.6
West North Central Div....	FF	(D)
Minnesota.....	BB	(D)
Missouri.....	FF	(1)
South Region.....	552.3	527.7
South Atlantic Div.....	264.9	221.3
Delaware.....	FF	(1)
Maryland.....	GG	(1)
Virginia.....	EE	(1)
West Virginia.....	FF	(1)
North Carolina.....	CC	(1)
South Carolina.....	CC	(1)
Georgia.....	EE	(1)
Florida.....	EE	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
HOT ROLLED BARS, PLATES, AND STRUCTURAL SHAPES (33124)--Con.		
South Region--Con.		
East South Central Div.	GG	205.0
Kentucky	EE	(1)
Tennessee	BB	(1)
Alabama	149.6	187.2
Mississippi	CC	(1)
West South Central Div.	GG	101.4
Oklahoma	CC	(1)
Texas	GG	(1)
West Region	GG	(D)
Mountain Div.	GG	(D)
Colorado	FF	(1)
Utah	FF	(1)
Pacific Div.	265.6	161.8
Washington	FF	(1)
Oregon	EE	(1)
California	222.1	130.0
Hawaii	CC	(1)
STEEL WIRE (33125 AND 33155)		
United States	678.1	621.6
Northeast Region	246.6	246.4
New England Div.	65.0	59.3
Massachusetts	FF	(1)
Rhode Island	AA	(1)
Connecticut	EE	(1)
Middle Atlantic Div.	181.5	187.1
New York	25.2	25.9
New Jersey	38.7	46.0
Pennsylvania	117.5	115.2
North Central Region	GG	(D)
East North Central Div.	316.3	271.2
Ohio	77.6	64.8
Indiana	53.1	38.6
Illinois	169.3	141.2
Michigan	FF	25.6
Wisconsin	BB	0.8
West North Central Div.	EE	(D)
Minnesota	AA	(1)
Missouri	EE	(1)
South Region	GG	(D)
South Atlantic Div.	56.8	51.4
Maryland	FF	(1)
Georgia	CC	(1)
Florida	BB	5.9
East South Central Div.	CC	(D)
Alabama	CC	(1)
West South Central Div.	CC	(D)
Texas	CC	(1)
West Region	FF	(D)
Mountain Div.	BB	(D)
Colorado	BB	(1)
Pacific Div.	FF	22.6
California	26.1	22.6
STEEL PIPE AND TUBES (33126 AND 33176)		
United States, total	2,629.1	1,887.5
Northeast Region	971.6	653.3
New England Div.	9.3	4.9
Massachusetts	1.5	(D)
Connecticut	7.8	(1)
STEEL PIPE AND TUBES (33126 AND 33176)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	962.3	648.3
New York	42.7	29.2
New Jersey	37.7	26.9
Pennsylvania	881.9	592.2
North Central Region	993.7	838.3
East North Central Div.	979.7	831.2
Ohio	622.2	532.7
Indiana	99.5	86.2
Illinois	101.2	82.6
Michigan	81.3	70.7
Wisconsin	75.5	59.0
West North Central Div.	14.0	7.1
Minnesota	CC	(1)
Iowa	BB	(1)
Missouri	BB	(1)
Kansas	AA	(D)
South Region	GG	(D)
South Atlantic Div.	GG	(D)
Maryland	FF	(1)
West Virginia	FF	(1)
Georgia	CC	(1)
Florida	BB	(D)
East South Central Div.	120.9	48.4
Kentucky	FF	(1)
Tennessee	EE	(1)
Alabama	78.9	26.7
Mississippi	BB	(1)
West South Central Div.	193.5	122.6
Louisiana	EE	(1)
Texas	GG	(1)
West Region	GG	(D)
Mountain Div.	GG	(D)
Colorado	FF	(1)
Utah	FF	(1)
Pacific Div.	GG	92.6
Washington	5.6	(1)
California	GG	(1)
COLD ROLLED SHEET AND STRIP (33127 AND 33167)		
United States	3,161.9	2,872.9
Northeast Region	842.2	797.2
New England Div.	103.6	82.9
Massachusetts	EE	(D)
Rhode Island	CC	(D)
Connecticut	78.5	64.5
Middle Atlantic Div.	738.3	714.3
New York	154.9	167.0
New Jersey	18.7	21.0
Pennsylvania	564.8	526.2
North Central Region	1,995.4	1,749.6
East North Central Div.	1,995.4	(D)
Ohio	872.1	775.5
Indiana	539.2	438.6
Illinois	71.2	(1)
Michigan	512.7	478.9
South Region	286.9	(D)
South Atlantic Div.	GG	204.5
Maryland	GG	(1)
West Virginia	GG	(1)
COLD ROLLED SHEET AND STRIP (33127 AND 33167)--Con.		
South Region--Con.		
East South Central Div.	GG	(D)
Kentucky	FF	(1)
Alabama	FF	(1)
West Region	37.4	(D)
Pacific Div.	37.4	39.1
California	37.4	39.1
COLD FINISHED STEEL BARS, SHAPES (steel mills) (33128 AND 33168)		
United States	629.2	472.7
Northeast Region	269.2	216.3
New England Div.	41.0	24.5
Massachusetts	CC	4.7
Connecticut	34.4	19.8
Middle Atlantic Div.	228.2	191.8
New York	FF	(1)
New Jersey	EE	(1)
Pennsylvania	168.2	138.8
North Central Region	310.4	223.6
East North Central Div.	310.4	223.6
Ohio	120.5	69.2
Indiana	89.4	71.4
Illinois	62.5	53.9
Michigan	FF	(1)
Wisconsin	BB	(1)
South Region	25.0	18.8
South Atlantic Div.	EE	(D)
Maryland	EE	(1)
East South Central Div.	BB	(D)
Texas	BB	(D)
West South Central Div.	AA	(D)
Alabama	AA	1
West Region	24.6	14.0
Mountain Div.	CC	(D)
Colorado	CC	(1)
Pacific Div.	EE	(D)
Washington	AA	(D)
California	EE	(1)
OPEN-DIE PRESS AND HAMMER STEEL FORGINGS (33129 AND 33919)		
United States, total	462.9	294.4
Northeast Region	280.2	176.8
New England Div.	EE	(D)
Massachusetts	AA	1.4
Connecticut	CC	(1)
Middle Atlantic Div.	GG	(D)
New York	12.7	17.2
New Jersey	CC	(1)
Pennsylvania	249.3	147.1
North Central Region	122.6	94.5
East North Central Div.	GG	(D)
Ohio	67.8	43.4
Indiana	EE	(1)
Illinois	18.9	15.8
Michigan	CC	27.3
Wisconsin	EE	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
OPEN-DIE PRESS AND HAMMER STEEL FORGINGS (33129 AND 33919)--Con.		
South Region	27.3	5.6
South Atlantic Div.	BB	(D)
Georgia	BB	(D)
East South Central Div.	AA	(D)
Kentucky	AA	(D)
West South Central Div.	FF	(D)
Louisiana	AA	(D)
Texas	FF	4.1
West Region	32.8	17.4
Pacific Div.	FF	(D)
Washington	CC	(1)
California	22.9	15.0
NONINSULATED FERROUS WIRE ROPE AND STRAND (33151 AND 34811)		
United States, total	246.0	190.0
Northeast Region	131.6	102.1
New England Div.	37.9	16.8
Massachusetts	FF	(1)
Connecticut	EE	(1)
Middle Atlantic Div.	93.7	85.3
New York	3.8	8.1
New Jersey	33.5	33.4
Pennsylvania	56.4	43.8
North Central Region	62.8	(D)
East North Central Div.	FF	30.2
Ohio	3.3	2.5
Indiana	BB	(1)
Illinois	13.4	(1)
Wisconsin	CC	(1)
West North Central Div.	FF	(D)
Missouri	FF	(1)
South Region	27.7	(D)
South Atlantic Div.	22.0	10.3
Maryland	10.2	(1)
Virginia	CC	(1)
Florida	BB	(1)
West South Central	5.6	3.1
Louisiana	AA	(D)
Texas	BB	3.1
West Region	23.9	(D)
Mountain Div.	BB	(D)
Colorado	BB	(1)
Pacific Div.	EE	17.4
Washington	BB	(1)
California	EE	(1)
STEEL NAILS AND SPIKES (33152)		
United States	158.8	153.1
Northeast Region	35.8	40.2
New England Div.	22.2	20.3
New Hampshire	CC	(1)
Massachusetts	4.9	5.8
Rhode Island	EE	(1)
Connecticut	AA	(1)
STEEL NAILS AND SPIKES (33152)--Con. Northeast Region--Con.		
Middle Atlantic Div.	13.6	19.9
New York	7.1	9.9
New Jersey	BB	(D)
Pennsylvania	BB	(1)
North Central Region	86.0	79.5
East North Central Div.	GG	(D)
Ohio	17.5	11.2
Indiana	CC	11.4
Illinois	49.4	48.7
Wisconsin	AA	(1)
West North Central Div.	CC	(D)
Minnesota	BB	(1)
Missouri	CC	(D)
South Region	20.4	20.5
South Atlantic Div.	11.6	(D)
Maryland	CC	(1)
West Virginia	AA	(1)
North Carolina	AA	(1)
Georgia	BB	(1)
East South Central Div.	CC	(D)
Kentucky	AA	(1)
Alabama	CC	(1)
West South Central Div.	AA	(D)
Texas	AA	(1)
West Region	16.6	12.8
Mountain Div.	CC	(D)
Colorado	CC	(1)
Pacific Div.	CC	(D)
California	CC	(1)
FENCING AND FENCE GATES (33156 AND 34816)		
United States	130.8	115.5
Northeast Region	7.6	9.3
New England Div.	BB	3.8
Massachusetts	BB	(D)
Middle Atlantic Div.	BB	5.5
New York	1.5	1.4
New Jersey	BB	(D)
North Central Region	54.4	55.0
East North Central Div.	42.8	43.4
Ohio	11.0	8.0
Indiana	CC	5.5
Illinois	19.8	28.4
Wisconsin	BB	(D)
West North Central Div.	11.6	11.6
Minnesota	CC	(1)
Missouri	CC	(1)
South Region	43.6	(D)
South Atlantic Div.	18.5	13.4
Maryland	EE	(1)
Georgia	BB	(D)
Florida	AA	(1)
East South Central Div.	CC	(D)
Alabama	CC	(1)
West South Central	EE	18.6
Oklahoma	BB	(1)
Texas	15.4	15.9
West Region	25.2	(D)
Mountain Div.	BB	(D)
Colorado	BB	(1)
Pacific Div.	FF	12.5
California	FF	12.4
FERROUS WIRE CLOTH AND OTHER OTHER WOVEN WIRE PRODUCTS (33157 AND 34814)		
United States, total	89.3	72.3
Northeast Region	23.7	25.8
New England	10.2	9.2
Massachusetts	BB	4.9
Rhode Island	AA	(D)
Connecticut	BB	(1)
Middle Atlantic Div.	13.5	16.6
New York	BB	(D)
Pennsylvania	7.9	10.2
North Central Region	39.8	(D)
East North Central Div.	FF	24.3
Ohio	11.6	7.8
Indiana	AA	(1)
Illinois	18.8	12.4
Michigan	AA	(1)
West North Central	CC	(D)
Minnesota	AA	(D)
Missouri	CC	(D)
South Region	17.4	(D)
South Atlantic Div.	CC	(D)
Maryland	CC	(D)
North Carolina	BB	(D)
East South Central Div.	CC	4.4
Kentucky	BB	(D)
Alabama	BB	(D)
West Region	8.5	(D)
Pacific Div.	CC	7.3
Oregon	AA	(1)
California	5.8	(D)
OTHER FABRICATED WIRE PRODUCTS (33159 AND 34819)		
United States, total	668.2	501.5
Northeast Region	196.6	177.6
New England Div.	35.7	27.3
Massachusetts	9.6	9.6
Rhode Island	1.9	(1)
Connecticut	24.1	16.5
Middle Atlantic Div.	160.9	150.3
New York	43.9	44.9
New Jersey	33.9	23.3
Pennsylvania	83.1	82.1
North Central Region	290.8	206.5
East North Central Div.	227.6	163.6
Ohio	37.9	24.0
Indiana	35.7	27.1
Illinois	106.1	77.6
Michigan	41.0	29.4
Wisconsin	6.9	5.5
West North Central Div.	63.1	42.9
Minnesota	15.8	8.2
Iowa	10.0	8.0
Missouri	30.8	22.3
Nebraska	AA	(D)
Kansas	5.1	3.0

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
OTHER FABRICATED WIRE PRODUCTS (33159 AND 34819)--Con.		
South Region	113.5	68.0
South Atlantic Div	49.0	24.0
Delaware	CC	(1)
Maryland	19.1	12.1
North Carolina	[illegible]	1.7
Georgia	5.9	2.9
Florida	12.1	4.5
OTHER FABRICATED WIRE PRODUCTS (33159 AND 34819)--Con.		
South Region--Con.		
East South Central Div	41.6	23.8
Kentucky	BB	(D)
Tennessee	15.5	8.9
Alabama	18.8	13.8
Mississippi	BB	(D)
West South Central Div	22.9	20.2
Arkansas	[illegible]	1.0
Louisiana	BB	(1)
Texas	10.4	11.7
OTHER FABRICATED WIRE PRODUCTS (33159 AND 34819)--Con.		
West Region	67.3	49.4
Mountain Div	FF	15.9
Colorado	FF	(1)
Pacific Div	FF	33.5
Washington	3.8	2.2
Oregon	AA	(D)
California	40.2	31.1

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
3312-	Blast furnace and steel mill products	20,869.1	22,245.0	21,823.7	19,865.8	17,339.4	(NA)	(NA)	(NA)
33121	Coke oven, blast furnace products, including ferroalloys								
33131	Ferromanganese	1,466.9	1,607.2	1,583.2	1,529.2	1,475.4	(NA)	(NA)	(NA)
33134	Other ferroalloys produced in electric furnaces								
33122	Steel ingot and semifinished shapes	2,526.5	2,807.7	2,715.6	2,541.3	2,030.1	1,846.9	1,668.5	434.4
33123	Hot rolled sheet, strip, includes tin-mill products	4,533.3	4,667.1	4,755.4	4,494.7	3,895.5	3,169.3	2,568.6	1,441.4
33124	Hot rolled bars, plates, and structual shapes	4,456.4	4,937.0	4,871.1	4,214.4	3,607.8	2,879.7	2,298.8	(NA)
33125 33155	Steel wire	678.1	731.6	722.4	661.6	619.4	564.7	465.0	313.8
33126 33176	Steel pipe and tubes	2,629.1	2,634.3	2,427.6	2,141.6	1,887.5	1,723.6	1,551.1	841.9
33127 33167	Cold rolled steel sheet, strip	3,161.9	3,383.2	3,436.9	3,152.4	2,856.3	2,091.6	1,642.5	804.1
33128 33168	Cold finished steel bars, shapes	629.2	699.6	643.2	532.3	472.7	338.9	277.1	200.3
33129 33919	Press, hammer steel forgings (steel mills)[2]	462.9	410.0	376.9	351.9	294.4	234.6	188.3	128.6
33120	Other steel mill products, except wire products and n.s.k.	324.8	367.2	291.4	246.4	200.2	198.5	241.6	(NA)
3313- 33121pt	Electrometallurgical products	483.0	492.2	443.3	390.7	411.6	468.2	368.3	226.0
33132	Ferrochrome	104.5	112.2	105.8	100.7	85.3	(NA)	(NA)	(NA)
33131 33121pt	Ferromanganese								
33134	Coke oven, blast furnace products, including ferrolloys								
33121pt	Other ferroalloys produced in electric furnaces	273.1	263.5	226.6	198.7	246.4	(NA)	(NA)	(NA)
33133	Coke oven, blast furnace products, including ferroalloys								
	Ferrosilicon	102.9	114.8	109.5	87.8	78.1	(NA)	(NA)	(NA)
33130	Electometallurgical products, n.s.k.	2.5	1.7	1.4	3.5	1.8	(NA)	(NA)	(NA)
3315-	Steel wire and related products	2,004.4	2,081.0	1,973.4	1,776.0	1,672.4	1,499.5	1,294.1	(NA)
33151 34811	Noninsulated, ferrous wire, rope, cable	246.0	253.1	240.8	203.7	189.9	163.4	193.9	128.3
33152	Steel nails and spikes	158.8	182.3	169.8	154.9	153.1	159.4	147.7	121.7
33155	Steel wire,	678.1	731.6	722.4	661.6	619.4	564.7	465.0	313.8
33156 34816	Fencing and fence gates	130.9	144.3	138.8	126.9	115.5	103.3	92.9	63.3
33157 34814	Ferrous wire cloth, other woven wire products	89.3	110.0	90.0	85.5	72.3	96.9	80.2	(NA)
33159 34819	Other fabricated wire products	668.2	651.8	608.5	525.2	501.5	405.7	313.4	214.7
33150	Steel wire and related products, n.s.k.	33.2	(7.9)	3.1	18.2	20.7	6.1	1.0	(NA)
3316-	Cold rolled steel shapes	3,804.9	4,155.0	4,081.5	3,684.8	3,332.6	2,430.5	1,919.6	1,004.4
3317-	Steel pipe and tubes	2,629.1	2,634.3	2,427.6	2,141.8	1,887.5	1,723.6	1,551.1	841.9

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses for the value of shipments either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, at the individual product level, the estimates may be of limited reliability; however, they may be combined with other product-class totals into broader aggregates which are of acceptable reliability.

[2]Includes total for product class 33919, Open die hammer and press forgings (produced from purchased materials), which is primary to industry 3391.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
	INDUSTRY 3312.--BLAST FURNACES AND STEEL MILLS					
	Materials, containers, and supplies, total	.....	X	[1] 9,829.1	X	[1] 7,983.7
121120	Coal used in the production of coke	1,000 s. tons	91,867.2	879.8	76,254.6	677.9
	Iron ore, including manganiferous:					
101112	Crude	Gross wt. 1,000 s. tons	80,700.9	807.8		
101123	Concentrates	....do.....	14,898.6	165.7	113,806.1	1,374.4
101125	Agglomerates	....do.....	17,386.5	623.1		
106220	Manganese ore including ferruginous (containing 10 percent manganese)	....do.....	[2]	[2]	NA	NA
331051	Pig iron[3]	1,000 s. tons.	10,688.1	420.5	8,682.6	382.0
999811	Iron and steel purchased scrap (except rails for rerolling	....do.....	26,690.3	730.1	27,964.6	704.1
331081	Steel rails for rerolling	....do.....	370.7	19.9	406.7	19.5
	Nonferrous metals, alloys and ferroalloys:					
333402	Aluminum	....do.....	71.4	33.7	54.5	22.8
333113	Copper, including both refined, unalloyed and copper-base alloy raw materials	....do.....	24.0	20.6	19.2	11.6
333971	Nickel	....do.....	42.9	72.2	(NA)	(NA)
333975	Tin	....do.....	34.3	105.0	(NA)	(NA)
333232	Lead	....do.....	9.0	3.0	NA	(NA)
333348	Zinc	....do.....	278.3	80.9	297.9	71.6
331312	Ferromanganese[4]	....do.....	912.8	146.9	771.4	131.4
331320	Ferrochromium	....do.....	289.3	83.8	231.3	65.0
331330	Ferrosilicon	....do.....	252.0	44.4	208.7	32.4
331343	Ferromolybdenum	....do.....	11.3	31.5	(NA)	(NA)
331340	Spiegeleisen[5]	....do.....	15.1	1.4	23.2	2.2
331345	Ferronickel	....do.....	45.2	41.9	(NA)	(NA)
331342	Other ferroalloys, including ferrotungsten, and silvery iron[6]	....do.....	211.4	97.0	193.8	86.4
329502	Dead-burned magnesia	....do.....	[2]	[2]		
281930	Sulfric acid (100 percent H_2SO_4)[7]	....do.....	1,088.8	27.6	1,175.5	25.1
281340	Oxygen (including both high and low purity)[8]	Mil. cu. ft...	147,801.6	94.4	78,707.3	74.7
325501	Clay refractories	1,000 s. tons.	1,323.6	82.9	1,565.6	83.4
329701	Nonclay refractories	....do.....	2,938.8	120.0	2,803.0	113.5
332111	Gray iron ingot molds[9]	....do.....	1,672.6	129.8	NA	(NA)
	Fluxes:					
329503	Limestone	....do.....	18,861.6	55.4	(NA)	(NA)
327403	Lime, including quicklime and dead-burned dolomite	....do.....	5,611.5	70.5	(NA)	(NA)
329505	Fluorspar	....do.....	400.3	16.7	NA	(NA)
329506	Other fluxes	....do.....	5,288.7	27.0	NA	(NA)
331005	Ingots, semifinished shapes (blooms, billets, etc.) and other steel shapes received for further processing	.....	X	2,347.4	X	1,678.4
970099	All other materials and components, parts, containers and supplies consumed[10]	.....	(X)	2,410.1	(X)	2,165.3
976000	Materials and components, parts, containers and supplies consumed, n.s.k.[11]	.....	(X)	38.1	(X)	262.2

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967 Quantity	1967 Delivered cost (million dollars)	1963 Quantity	1963 Delivered cost (million dollars)
	INDUSTRY 3313.--ELECTROMETALLURGICAL PRODUCTS					
	Materials, containers and supplies, total	...	(X)	220.1	(X)	175.8
106220	Manganese Ore	Gross wt. 1,000 short tons	453.9	18.6	452.1	15.9
325501	Clay refractories	1,000 short tons	(NA)	1.2	9.2	0.6
329701	Nonclay refractories	...do			18.2	1.0
	Ferroalloys:					
331312	Ferromanganese	...do	(2)	(2)	18.7	1.6
331330	Ferrosilicon	...do	(2)	(2)	1.7	0.2
331342	Other ferroalloys	...do	(2)	(2)	43.9	8.6
999811	Iron and steel purchased scrap	...do	628.3	20.0	379.5	9.7
970099	All other materials, parts and supplies	...	(X)	[1]147.9	(X)	135.3
976000	Materials, parts, and supples n.s.k.[11]	...	(X)	32.4	(X)	3.0

Code	Material	1967 Quantity (1,000 short tons)	1967 Delivered cost (million dollars)	1963 Quantity (1,000 short tons)	1963 Delivered cost (million dollars)
	INDUSTRY 3315.--STEEL WIRE AND RELATED PRODUCTS				
	Materials, containers and supplies, total	(X)	433.4	(X)	313.6
	Nonferrous metals, alloys and ferroalloys:				
333113	Copper, including both refined unalloyed and copper-base alloy raw material	2.0	2.3	0.6	0.5
333975	Tin	(NA)	0.9	0.4	0.5
333232	Lead	3.5	1.0	2.1	0.5
333348	Zinc	15.1	4.3	8.2	1.6
281930	Sulfuric acid (100 percent H_2SO_4)	(NA)	0.6	24.3	1.4
	Steel for drawing wire:				
	Rods:				
331061	Carbon steel	1,259.7	187.8	966.7	143.7
331063	Alloy steel (except stainless)	31.2	8.4	41.7	11.6
331065	Stainless steel	15.2	15.5	9.0	9.7
	Wire for redrawing:				
331073	Carbon steel	80.2	18.9	82.3	25.9
331075	Alloy steel	(NA)	0.5	2.8	2.7
331077	Stainless steel	0.4	0.9	1.0	1.5
331079	Other steel mill shapes for drawing wire	4.6	1.7	6.8	1.2
331005	Ingots, semifinished shapes (blooms, billets etc.) and other steel shapes received for further process, except for drawing wire	(X)	16.0	(X)	28.7
970099	All other materials and components, parts, containers and supplies consumed	(X)	137.3	(X)	58.1
976000	Materials, n.s.k.[11]	(X)	37.3	(X)	26.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

For 1963, materials consumed data for industry 3312, Blast Furnaces and Steel Mills, were published separately by subindustry. For 1967, such data were not separately tabulated. Subindustry data for 1963 appear in Volume II, 1963 Census of Manufactures, in table 7A.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated.

[1]Total cost of materials, etc., contains extensive duplication. This duplication arises because the products of some establishments are used as materials by other establishments in the same industry. For the industry as a whole, the extent of this duplication is approximated by totaling the cost of pig iron, ingots, and semifinished shapes purchased for further processing. Estimated unduplicated cost of materials obtained by this method is $7,061 million. The comparable 1963 figure was $5,923 million.

[2]Included with material code 970099, "All other materials and components, parts, containers, and supplies consumed," to avoid disclosing figures of individual companies.

[3]In addition, pig iron produced and consumed in the same establishment in 1967 was 70,547 thousand short tons. In 1963, the comparable figure was 56,369 thousand short tons.

[4]In addition, 214 thousand short tons of ferromanganese were produced and consumed in the same establishment in 1967. The comparable figure for 1963 was 56 thousand short tons.

[5]Excludes spiegeleisen produced and consumed in the same establishment.

[6]In addition, 14 thousand short tons of other ferroalloys were produced and consumed in the same establishment in 1967. The comparable figure for 1963 was 16 thousand short tons.

[7]Excludes sulfuric acid produced and consumed in the same establishment.

[8]In addition, 10,981 million cubic feet of oxygen were produced and consumed in the same establishment in 1967. For 1963 the comparable figure was 9,613 million cubic feet.

[9]Excludes gray iron ingot molds produced and consumed in the same establishment.

[10]For 1967, includes cost of manganese ore, aluminum and aluminum-base alloy scrap and dross and dead-burned magnesia. For 1963, includes cost of manganese ore, aluminum and aluminum-base alloy scrap and dross nickel, tin, lead, dead-burned magnesia, gray iron ingot molds, limestone, lime, fluorspar, and other fluxes.

[11]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967 this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Blast furnaces and steel mills (SIC 3312)	Electro-metallurgical products (SIC 3313)	Steel wire and related products (SIC 3315)	Cold finishing of steel shapes (SIC 3316)	Steel pipe and tubes (SIC 3317)
	Cost of purchased fuels and electric energy, total	Million dollars.	877.3	50.5	13.8	15.7	13.8
	Cost of purchased fuels, total	...do	606.4	14.4	6.0	7.5	6.9
121005	Coal (anthracite, bituminous, and lignite):						
	Quantity	1,000 short tons	5,719.1	(D)	(D)	77.0	28.3
	Cost	Million dollars.	39.3	(D)	(D)	0.5	0.2
331212	Coke, screenings and breeze:						
	Quantity	1,000 short tons	11,017.2	(D)	-	-	-
	Cost	Million dollars.	170.7	(D)	-	-	-
	Fuel oil, total:						
	Quantity	1,000 barrels...	30,858.7	60.9	335.2	189.7	169.3
	Cost	Million dollars.	100.2	0.2	1.0	0.6	0.7
291141	Distillate:						
	Quantity	1,000 barrels...	11,924.9	(D)	241.9	125.3	81.7
	Cost	Million dollars.	38.6	(D)	0.7	0.4	0.4
291151	Residual:						
	Quantity	1,000 barrels...	18,933.8	(D)	93.3	64.4	87.6
	Cost	Million dollars.	61.6	(D)	0.3	0.2	0.3
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast furnace, coke-oven, and other gas):						
	Quantity	Million cub. ft.	711,787.2	2,519.7	5,176.4	8,012.3	8,349.7
	Cost	Million dollars.	257.4	1.7	4.0	4.8	4.7
331217	Blast furnace, gas:						
	Quantity	Million cub. ft.	561,493.0	(D)	4,811.8	(D)	(D)
	Cost	Million dollars.	218.3	(D)	3.7	(D)	(D)
331218	Coke-oven, gas:						
	Quantity	Million cub. ft.	113,800.3	(D)	-	-	(D)
	Cost	Million dollars.	20.4	(D)	-	-	(D)
131300 291104	Other gas:						
	Quantity	Million cub. ft.	33,193.9	(D)	364.6	(D)	(D)
	Cost	Million dollars.	18.7	(D)	0.3	(D)	(D)
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.)	...do	19.4	(D)	0.1	0.2	0.1
	Fuels, n.s.k	...do	19.4	(D)	(D)	1.4	1.2
	Purchased electric energy:						
	Quantity	Million kw.-hrs.	34,794.8	7,852.0	608.1	759.8	584.2
	Cost	Million dollars.	270.9	36.1	7.8	8.2	6.9
	Quantity of electric energy generated less quantity sold	Million kw.-hrs.	6,332.4	3,353.7	83.6	(Z)	(S)
	Total energy used for heat and power[1]	Million kw.-hrs. equivalent	272,171.1	20,474.6	2,545.9	2,802.6	2,106.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than 500 thousand kw. hrs. (S) Supressed; did not meet publication standards.

[1] Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3312	BLAST FURNACES AND STEEL MILLS										
	ENTIRE INDUSTRY	329	533.1	4 385.3	434.0	845.4	3 368.5	8 910.1	10 997.8	19 620.6	1 661.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	276	478.2	3 940.4	390.9	759.6	3 034.5	8 134.3	9 790.7	17 690.7	1 592.5
33121	COKE OVEN, BLAST FURNACE PROD., INCL. FERROALLOYS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	56	18.1	139.7	15.5	30.2	112.4	347.8	659.4	995.3	79.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33122	STEEL INGOT AND SEMIFINISHED SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	18	43.0	349.1	35.0	66.8	270.1	878.4	1 059.5	1 920.7	81.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33123	HOT ROLLED SHEET, STRIP, INCL. TIN-MILL PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	33	145.1	1 251.0	118.1	228.0	961.0	2 497.0	3 643.1	6 050.2	581.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33124	HOT ROLLED BARS, PLATES, AND STRUCTURAL SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	78	196.3	1 583.7	158.0	311.3	1 204.7	3 043.4	3 164.9	6 107.7	558.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	34	26.4	217.2	21.2	41.0	160.9	452.0	448.0	883.6	96.7
33125	STEEL WIRE (PRODUCED IN STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	10	8.8	72.4	7.0	14.0	54.2	123.6	81.8	206.1	16.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33126	STEEL PIPE AND TUBES (PRODUCED IN STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	23	59.2	462.4	49.6	95.0	364.5	897.6	1 066.1	1 952.8	135.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	12	9.6	73.9	7.7	14.6	54.8	167.0	173.0	338.7	6.9
33127	COLD ROLLED STEEL SHEET, STRIP (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	14	30.1	261.7	24.9	49.1	205.2	622.0	708.1	1 306.5	133.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33128	COLD FINISHED STEEL BARS, SHAPES (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	5	7.5	66.1	5.3	10.7	44.3	143.8	143.9	287.1	25.0
33129	PRESS, HAMMER STEEL FORGINGS (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	11	8.6	68.1	6.8	14.2	50.9	111.7	72.3	184.8	7.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3312 11	BLAST FURNACES & STEEL MILLS, FULLY INTEGRATED[1]										
	ENTIRE SUBINDUSTRY	33	278.4	2 288.2	228.4	442.3	1 781.2	4 653.9	4 531.9	9 068.8	879.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33122 11	STEEL INGOT AND SEMIFINISHED SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33123 11	HOT ROLLED SHEET, STRIP, INCL. TIN-MILL PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	10	89.7	767.9	73.9	142.2	593.7	1 603.8	1 578.3	3 135.6	349.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33124 11	HOT ROLLED BARS, PLATES, AND STRUCTURAL SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	12	113.9	907.7	91.9	179.7	702.8	1 713.3	1 558.9	3 240.6	284.7
33126 11	STEEL PIPE AND TUBES (PRODUCED IN STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	6	39.9	308.6	33.6	63.7	244.6	593.9	691.2	1 268.4	110.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33127 11	COLD ROLLED STEEL SHEET, STRIP (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3312 12	BLAST FURNACES & STEEL MILLS, PARTIALLY INTEG. W.[1]										
	ENTIRE SUBINDUSTRY	10	51.4	426.6	42.3	81.3	330.0	1 084.5	1 079.6	2 138.3	164.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	10	51.4	426.6	42.3	81.3	330.0	1 084.5	1 079.6	2 138.3	164.9
33122 12	STEEL INGOT AND SEMIFINISHED SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33123 12	HOT ROLLED SHEET, STRIP, INCL. TIN-MILL PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	3	12.3	105.2	10.2	20.1	84.0	302.9	257.0	555.3	79.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33124 12	HOT ROLLED BARS, PLATES, AND STRUCTURAL SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33127 12	COLD ROLLED STEEL SHEET, STRIP (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3312 13	BLAST FURNACES & STEEL MILLS, PART. INTEG. W/O BL[1]										
	ENTIRE SUBINDUSTRY	78	116.4	964.6	93.3	183.9	729.0	1 855.4	2 184.6	4 009.2	256.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	62	89.8	741.7	72.3	142.6	564.1	1 427.2	1 761.0	3 171.5	211.7

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
33122 13	STEEL INGOT AND SEMIFINISHED SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	8	11.1	87.9	8.9	17.2	67.3	211.3	255.7	466.8	13.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33123 13	HOT ROLLED SHEET, STRIP, INCL. TIN-MILL PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	5	17.7	157.8	14.3	28.5	120.2	275.6	534.5	807.0	52.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33124 13	HOT ROLLED BARS, PLATES, AND STRUCTURAL SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	41	44.9	373.8	35.9	70.7	284.0	699.5	658.8	1 337.0	109.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	21	14.0	116.3	10.8	21.3	83.1	218.4	172.8	382.1	65.9
33125 13	STEEL WIRE (PRODUCED IN STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	4	7.8	63.9	6.2	12.3	47.8	105.8	64.3	172.1	12.9
33126 13	STEEL PIPE AND TUBES (PRODUCED IN STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	4	12.7	102.7	10.6	21.0	80.5	216.9	236.6	456.2	22.3
33127 13	COLD ROLLED STEEL SHEET, STRIP (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	3	7.1	52.9	5.9	10.9	40.1	96.9	233.3	322.3	14.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33128 13	COLD FINISHED STEEL BARS, SHAPES (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33129 13	PRESS, HAMMER STEEL FORGINGS (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	7	7.4	58.1	5.8	12.3	43.2	95.6	55.0	150.3	5.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3312 14	BLAST FURNACES & STEEL MILLS, NONINTEGRATED[1]										
	ENTIRE SUBINDUSTRY.	208	85.2	693.4	68.6	132.1	525.9	1 269.7	3 124.7	4 291.9	359.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	173	66.4	540.2	54.1	104.4	413.7	1 029.7	2 442.2	3 401.0	341.1
33121 14	COKE OVEN, BLAST FURNACE PROD., INCL. FERROALLOYS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	56	18.1	139.7	15.5	30.2	112.4	347.8	659.4	995.3	79.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33122 14	STEEL INGOT AND SEMIFINISHED SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33123 14	HOT ROLLED SHEET, STRIP, INCL. TIN-MILL PRODUCTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	15	25.4	220.1	19.7	37.2	163.2	314.6	1 273.3	1 552.3	100.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33124 14	HOT ROLLED BARS, PLATES, AND STRUCTURAL SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	21	12.2	97.9	9.4	18.4	70.1	163.6	378.9	514.5	109.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	12	3.0	23.6	2.6	5.1	18.7	48.3	51.6	98.4	(D)
33125 14	STEEL WIRE (PRODUCED IN STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33126 14	STEEL PIPE AND TUBES (PRODUCED IN STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	13	6.6	51.0	5.4	10.3	39.3	86.8	138.3	228.2	2.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33127 14	COLD ROLLED STEEL SHEET, STRIP (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	7	1.4	11.5	1.1	2.2	8.4	31.0	63.1	92.9	3.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D	(D)
33128 14	COLD FINISHED STEEL BARS, SHAPES (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33129 14	PRESS, HAMMER STEEL FORGINGS (STEEL MILLS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	4	1.2	10.0	1.0	1.9	7.6	16.1	17.4	34.5	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3313	ELECTROMETALLURGICAL PRODUCTS										
	ENTIRE INDUSTRY	34	10.4	79.0	8.4	17.2	58.6	193.2	289.9	467.9	29.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33131	FERROMANGANESE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967 —Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
33132	FERROCHROME										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	7	3.2	23.7	2.6	5.5	18.4	49.5	96.3	140.8	6.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33133	FERROSILICON										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	9	3.6	28.3	2.9	5.8	20.6	64.7	87.8	147.6	9.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33134	OTHER FERROALLOYS PRODUCED IN ELECTRIC FURNACES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	10	2.9	22.0	2.3	4.6	15.7	68.9	96.7	161.2	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3315	STEEL WIRE AND RELATED PRODUCTS										
	ENTIRE INDUSTRY	240	27.3	194.6	21.7	44.1	138.0	385.6	467.5	845.4	56.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	216	23.0	165.2	18.4	37.2	117.6	330.9	416.5	739.8	29.6
33151	NONINSUL. FERROUS WIRE ROPE, CABLE (WIREDRAWERS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	18	4.2	32.8	3.3	6.5	23.7	65.0	54.6	118.0	5.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33152	STEEL NAILS AND SPIKES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	36	4.1	24.9	3.4	6.8	17.6	48.9	41.4	90.2	5.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	27	2.2	13.5	1.9	4.0	10.0	26.7	24.6	51.4	5.2
33155	STEEL WIRE, NOT PRODUCED IN STEEL MILLS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	57	9.1	71.8	7.0	14.2	50.9	127.0	216.9	342.0	10.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	39	4.8	38.0	3.7	7.8	27.7	76.8	109.5	184.5	8.1
33156	FENCING, FENCE GATES, MADE IN WIREDRAWING PLANTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	13	.8	4.6	.7	1.4	3.1	10.1	19.9	30.0	1.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33157	FERROUS WIRE CLOTH, OTHER WOVEN WIRE(WIREDRAWERS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	5	.6	3.2	.5	1.0	2.3	8.7	7.3	15.7	.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33159	OTHER FAB. FERROUS WIRE PROD. (WIREDRAWING PLANT)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	66	7.0	47.7	5.6	11.6	33.8	102.7	106.1	205.5	7.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	55	5.3	36.1	4.4	9.0	26.0	75.7	82.3	155.2	5.4
3316	COLD FINISHING OF STEEL SHAPES										
	ENTIRE INDUSTRY	107	19.5	154.9	14.9	29.8	108.8	269.1	777.5	1 038.7	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	92	14.3	112.9	10.9	21.8	79.1	216.4	632.5	846.2	24.8
33167	COLD ROLL SHEET, STRIP, NOT MADE IN STEEL MILLS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	41	11.8	97.5	9.2	18.4	69.6	147.4	464.3	607.8	19.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	35	8.4	69.7	6.5	12.9	48.9	124.6	363.4	489.0	16.5
33168	COLD FINISHED STEEL BARS, SHAPES, NOT STEEL MILLS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	43	7.1	52.2	5.3	10.4	36.0	108.0	289.7	395.1	9.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION. .	40	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3317	STEEL PIPE AND TUBES										
	ENTIRE INDUSTRY	151	27.0	207.9	21.8	45.1	155.4	412.1	754.4	1 148.6	37.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	131	21.2	166.1	17.1	35.6	125.1	333.4	632.1	946.4	32.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. X Not applicable. NA Not available. D Withheld to avoid disclosing figures for individual companies.
[1] See table 1A, footnote 4 for definition of these subindustries.

TABLE 9A. Blast Furnaces and Steel Mills (SIC 3312) - Departmental Operations by Degree of Integration: 1967 and 1963

Department	Man-hours of production workers						Production worker wages					
	Total	Fully integrated works[1]	Partially integrated works[1]			Non-integrated works[1]	Total	Fully integrated works[1]	Partially integrated works[1]			Non-integrated works[1]
			Total	With blast furnace	Without blast furnace				Total	With blast furnace	Without blast furnace	
	(millions)	(millions)	(millions)	(millions)	(millions)	(millions)	(millions dollars)	(millions dollars)	(millions dollars)	(millions dollars)	(millions dollars)	(millions dollars)
	1967											
All departments, total	845.4	459.1	273.6	89.7	183.9	113.3	3,368.4	1,855.7	1,071.6	342.6	729.0	441.1
Coke ovens	40.6	23.9	-	-	-	16.7	143.5	93.8	-	-	-	49.7
Blast furnaces	42.2	25.8	6.6	6.6	-	9.0	161.1	100.6	26.6	26.6	-	31.5
Steel department	82.0	45.5	29.1	8.1	21.0	-	320.3	178.2	119.5	33.1	86.4	-
Rolling and finishing mills:												
Sheet and strip mill	96.9	53.0	28.9	10.6	18.3	15.0	403.0	219.6	120.0	44.4	75.6	63.4
Tin mill	22.2	16.9	-	-	-	5.3	90.5	70.4	-	-	-	20.1
Bar mill, including rebars	60.3	34.5	20.1	(D)	(D)	5.7	233.9	133.2	78.4	(D)	(D)	22.3
Wire drawing mill	18.1	7.0	7.0	-	7.0	4.1	70.0	26.8	27.8	-	27.8	15.4
Pipe mill	43.6	22.1	10.9	-	10.9	10.6	163.2	82.1	39.5	-	39.5	41.6
Other mills, including semi-finishing plate and structural	92.3	48.6	35.8	[2]17.6	[2]38.3	7.9	373.3	191.9	150.3	[2]74.3	[2]154.4	31.1
Foundry (iron or steel)	7.5	4.5	9.1			1.2	28.7	17.2	34.4			4.1
Forging (presses, hammers or upsetters)	9.1	1.8		2.6	24.1		34.0	7.0		10.5	87.8	
Other manufacturing or fabricating departments (nuts, bolts, containers, etc.)	38.3	12.9	17.6			7.8	148.2	56.2	63.9			28.1
Service or auxiliary operations and all other activities	292.3	162.6	108.5	44.2	64.3	30.0	1,198.7	678.7	411.2	153.7	257.5	133.8
	1963											
All departments, total	791.4	425.4	262.3	84.4	177.9	103.7	2,892.0	1.573.0	951.6	314.4	637.2	367.4
Coke ovens	36.8	24.5	-	-	-	12.3	124.3	84.5	-	-	-	39.8
Blast furnaces	41.0	24.0	5.0	5.0	-	12.0	144.2	85.1	18.8	18.8	-	40.4
Steel department (furnaces)	77.2	47.1	30.1	9.5	20.6	-	308.4	190.7	117.7	40.4	77.7	-
Rolling and finishing mills:												
Sheet and strip mill	95.0	48.3	30.6	14.6	16.0	24.0	362.8	182.8	115.3	55.1	60.1	95.9
Tin mill	26.0	18.1		-			98.2	67.0		-		
Bar mill, including rebars	58.8	30.2	21.2			7.4	214.2	108.1	81.8			24.3
Wire drawing mill	20.1	7.8	8.0	7.5	29.9	4.3	72.9	27.4	29.5	27.1	111.4	16.1
Pipe mill	34.9	19.7	8.2			6.8	120.7	68.3	27.3			25.1
Other mills, including semifinishing, plate and structural	93.9	57.0	29.2	8.3	20.9	7.6	335.2	199.7	108.6	33.6	75.0	27.0
Foundry (iron or steel)	12.2	18.9	2.2	0.8	1.3	23.7	44.6	67.6	7.1	3.1	4.1	60.4
Forging (presses, hammers, or upsetters)	6.7		4.7	-	4.7		23.0		16.3	-	16.3	
Other manufacturing or fabricating departments (nuts, bolts, containers, etc.)	47.0		16.5	-	16.5		137.9		54.1	-	54.0	
Service or auxiliary operations and all other activities	241.6	129.4	106.6	38.3	67.8	5.6	905.6	491.8	375.3	136.7	238.5	38.4

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1] See footnote 4, table 1A for definition of fully integrated, partially integrated, and nonintegrated works.

[2] Data for "other mills...." includes data for specified mills not shown separately.

TABLE 9B. Steel Wire Mills, Cold Finishing Mills, and Pipe and Tube Mills-Department Operations: 1967 and 1963

Department	Steel wire drawing, etc. (SIC 3315)		Cold finishing mills (SIC 3316)		Steel pipe and tube (SIC 3317)	
	Man-hours (Millions)	Production worker wages (Millions of dollars)	Man-hours (Millions)	Production worker wages (Millions of dollars)	Man-hours (Millions)	Production worker wages (Millions of dollars)
	1967					
All departments, total	44.1	138.0	29.8	108.8	45.1	155.4
Rolling and finishing mills:						
Sheet and strip mill	(1)	(1)	11.7	46.6	-	-
Tin mill	(1)	(1)	-	-	(1)	(1)
Bar mill, including rebars	(1)	(1)	4.8	16.7	(1)	(1)
Wire drawing mill	14.4	51.0	1.1	4.1	-	-
Pipe mill	-	-	(1)	(1)	22.0	77.7
Other mills, including semifinishing, plate and structural	[1]2.3	[1]8.7	[1]1.3	[1]4.4	[1]3.1	[1]10.7
Other manufacturing or fabricating departments (nuts, bolts, forgings, containers, etc.)	11.6	33.2	2.3	8.6	6.8	26.0
Service or auxiliary operations and all other activities	5.4	16.8	6.3	22.6	3.3	12.2
Unspecified	10.4	28.3	2.3	5.8	9.9	28.8
	1963					
All departments, total	34.4	97.1	21.8	71.5	37.8	113.7
Rolling and finishing mills:						
Sheet and strip mill	(1)	(1)	8.7	30.0	(1)	(1)
Tin mill	(1)	(1)	-	-	-	-
Bar mill, including rebars	(1)	(1)	3.3	10.9	(1)	(1)
Wire drawing mill	15.3	47.5	(1)	(1)	(1)	(1)
Pipe mill	-	-	(1)	(1)	21.8	68.2
Other mills, including semifinishing, plate and structural	[1]1.2	[1]3.9	[1]2.1	[1]6.7	[1]0.8	[1]2.5
Other manufacturing or fabricating departments (nuts, bolts, forgings, containers, etc.)	8.3	21.6	1.1	3.7	6.9	20.1
Service or auxiliary operations and all other activities	3.9	12.1	4.2	13.6	1.6	4.5
Unspecified	5.7	12.0	2.4	6.7	6.8	18.4

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1]Data for "Other mills..." includes data for specified mills not shown separately.

IRON AND STEEL FOUNDRIES

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3321--Gray Iron Foundries
3322--Malleable Iron Foundries
3323--Steel Foundries

For these industries, captive production (that is, the tonnage of castings produced for incorporation into the final product of the plant or company) is a particularly important factor. Distinction is made between rough castings and castings which are machined or further processed and incorporated into other products. The removal of gates, risers, sprues, and tumbling, dipping, and sand blasting, do not constitute machining. Plants primarily engaged in manufacturing castings are included in the foundry industries; plants primarily engaged in further processing castings into parts for metal products or machinery are classified in other major groups.

For the 1967 Census of Manufactures separate establishment reports were received from commercial (jobbing) foundries and from those captive foundries which were operated as separate establishments by the reporting companies. These two groups comprise the types of establishments included in industries 3321, 3322, and 3323. However, where the captive foundry operation was completely integrated with the operation of the entire plant, no separate establishment report was received for the foundry activity. In these instances, data were obtained on the tonnage of castings produced and consumed and on the number of employees usually engaged in the captive foundry operation. However, establishments with such foundry departments were classified on the basis of the plant's final product and accordingly, the general statistics on employment, payrolls, cost of materials, etc., are included in the data for such industries as plumbing fixtures (3431), and farm machinery and equipment (3522), etc.

The data shown in table 6A on shipments of transfers of iron and steel castings represent total shipments and transfers including the quantity of castings shipped by establishments classified in industries other than the foundry industries (3321, 3322, and 3323). For those industries where captive foundry departments are particularly important, data on the tonnage of castings produced and consumed are shown in table 7 of the individual industry reports covering the specific industries.

During 1967, the Bureau of the Census also collected and published monthly data on shipments of iron and steel castings. These monthly data were derived from a sample survey and were published in Current Industrial Reports Series M33A, Iron and Steel Castings. The M33A series includes data for both commercial and captive foundry production and shows separately shipments "for sale" and shipments "for own use."

It should be specifically noted that the value data on shipments of iron and steel castings in table 6A do not include the value of the large quantity of castings produced by establishments classified in other industries which produce castings only for incorporation into their own products or for internal use but not for sale as such.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3321--GRAY IRON FOUNDRIES

This industry comprises establishments primarily engaged in manufacturing gray iron castings, including cast iron pressure and soil pipes and fittings. For a detailed list of products of industry 3321, refer to table 6A, product codes 3321111 to 3321498.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Gray Iron Foundries Industry in 1967 totaled $2,638 million. This included shipments of gray iron castings (primary products), valued at $2,365 million, shipments of other products (secondary products) valued at $180 million, and miscellaneous receipts (mainly receipts for resales) of $92 million.

This industry's shipments of gray iron castings (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was also 93 percent. Secondary products shipped by this industry in 1967 included malleable iron castings ($25 million), and steel castings ($21 million).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 96 percent of the total industry shipments are represented by plants specializing in product classes; 71 percent in miscellaneous gray iron castings.

Industry 3321 shipments of gray iron castings (primary products) in 1967 represented 86 percent (coverage ratio) of these products valued at $2,740 million shipped by all industries. In 1963, the coverage ratio was 88 percent. Other industries shipping gray iron castings (primary products) consisted mainly of Industry 3312, Blast Furnaces and Steel Mills, $132 million; and Industry 3714, Motor Vehicle Parts and Accessories, $59 million.

3322--MALLEABLE IRON FOUNDRIES

This industry comprises establishments primarily engaged in manufacturing malleable iron castings. For a detailed list of products of industry 3322, refer to table 6A, product codes 3322021 to 3322031.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Malleable Iron Foundries Industry in 1967 totaled $438 million. This included shipments of malleable iron castings (primary products), valued at $370 million, shipments of other products (secondary products) valued at $65 million, and miscellaneous receipts (mainly receipts for resales) of $3 million.

This industry's shipments of malleable iron castings (primary products) in 1967 represented 85 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 87 percent.

Industry 3322 shipments of malleable iron castings (primary products) in 1967 represented 89 percent (coverage ratio) of these products valued at $417 million shipped by all industries. In 1963, the coverage ratio was 87 percent. Other industries shipping malleable iron castings (primary products) included Industry 3321, Gray Iron Foundries, $25 million.

3323--STEEL FOUNDRIES

This industry comprises establishments primarily engaged in manufacturing steel castings. For a detailed list of products of industry 3323, refer to table 6A, product codes 3323163 to 3323359.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Steel Foundries Industry in 1967 totaled $1,213 million. This included shipments of steel castings (primary products), valued at $1,074 million, shipments of other products (secondary products) valued at $116 million, and miscellaneous receipts (mainly receipts for resales) of $23 million.

This industry's shipments of steel castings (primary products) in 1967 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 85 percent. Secondary products shipped by this industry in 1967 included metalworking machinery, n.e.c. ($24 million).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 98 percent of the total industry shipments are represented by plants specializing in product classes; 55 percent in other carbon steel castings; and 28 percent in other alloy steel castings.

Industry 3323 shipments of steel castings (primary products) in 1967 represented 89 percent (coverage ratio) of these products valued at $1,210 million shipped by all industries. In 1963, the coverage ratio was also 89 percent. Other industries shipping steel castings (primary products) included Industry 3312, Blast Furnaces and Steel Mills, $30 million; and Industry 3321, Gray Iron Foundries, $21 million.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 3321.--GRAY IRON FOUNDRIES													
1967 Census....	1,061	774	138.0	965.3	119.3	242.3	780.2	1,543.1	1,075.3	2,637.8	196.3	240.8	93	86
1966 ASM[1].....	(NA)	(NA)	140.7	978.3	122.1	259.7	803.0	1,646.4	1,096.9	2,728.2	243.2	262.7	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	134.9	921.8	117.1	253.0	760.4	1,559.3	1,057.7	2,602.6	171.5	239.7	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	126.3	825.2	109.8	235.6	679.9	1,353.8	953.9	2,286.2	75.9	220.8	(NA)	(NA)
1963 Census....	1,139	767	120.5	730.3	104.2	214.3	596.1	1,168.5	813.6	1,984.9	64.8	192.5	93	88
1962 ASM[1].....	(NA)	(NA)	119.2	675.4	102.8	204.1	543.2	1,076.1	767.9	1,836.2	60.5	185.9	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	113.7	602.3	97.5	183.9	481.7	924.0	702.3	1,622.7	52.3	174.5	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	121.5	627.5	104.3	199.7	503.6	968.4	751.8	1,718.8	53.2	178.1	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	125.9	644.4	109.1	217.2	525.5	1,002.9	806.5	1,803.0	34.1	180.7	(NA)	(NA)
1958 Census[2]...	1,310	848	112.7	531.2	96.4	178.0	418.9	810.8	622.7	1,434.7	32.6	159.8	95	87
	INDUSTRY 3322.--MALLEABLE IRON FOUNDRIES													
1967 Census....	81	75	25.4	187.0	21.4	43.0	147.3	296.5	142.9	438.3	21.9	29.5	85	89
1966 ASM[1].....	(NA)	(NA)	26.4	191.3	22.5	47.1	153.0	294.8	154.8	449.4	30.5	29.4	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	25.1	178.9	21.5	45.7	144.6	279.2	138.5	416.2	21.8	27.8	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	23.7	159.2	20.2	42.5	129.0	218.8	130.3	346.7	19.0	27.9	(NA)	(NA)
1963 Census....	81	71	22.3	142.0	18.8	38.8	112.7	204.6	111.8	317.5	16.3	24.0	87	87
1962 ASM[1].....	(NA)	(NA)	22.6	136.9	19.1	38.2	108.7	196.0	109.6	304.7	9.0	25.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	20.8	118.1	17.3	33.7	91.9	164.5	93.2	257.0	9.8	24.6	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	23.5	125.6	19.7	37.2	98.1	170.3	107.0	279.9	12.8	24.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	24.3	135.0	20.8	42.4	108.2	189.1	113.8	299.6	9.6	30.0	(NA)	(NA)
1958 Census[2]...	82	74	20.2	100.6	16.7	31.4	77.1	127.6	86.8	214.5	4.4	24.9	86	90
	INDUSTRY 3323.--STEEL FOUNDRIES													
1967 Census....	296	248	69.2	488.2	57.6	116.8	379.2	791.4	413.8	1,213.2	56.8	143.9	90	89
1966 ASM[1].....	(NA)	(NA)	70.8	509.6	59.8	127.0	403.0	855.2	425.4	1,279.0	53.6	149.3	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	65.6	456.1	55.5	116.5	362.2	742.5	389.5	1,116.7	39.4	141.0	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	62.0	418.3	52.6	109.0	329.2	661.6	346.0	987.1	31.4	123.1	(NA)	(NA)
1963 Census....	267	220	56.8	361.4	47.6	95.1	280.4	586.9	288.8	871.0	27.8	101.5	85	89
1962 ASM[1].....	(NA)	(NA)	50.5	303.2	42.2	83.8	236.0	484.3	249.7	729.7	23.6	92.2	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	46.8	269.9	38.7	74.4	204.4	410.8	225.0	629.6	22.9	88.6	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	50.8	288.1	42.2	81.8	219.8	439.1	248.7	700.5	19.2	89.2	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	54.0	300.9	45.5	89.0	231.4	489.2	256.7	739.2	25.3	103.4	(NA)	(NA)
1958 Census[2]...	256	216	49.1	254.3	40.1	74.4	186.8	383.9	203.7	596.3	22.2	92.7	86	86

Note: In 1967, 1963, and 1958, the number of companies in industry 3321 was 969, 1,062 and 1,211, respectively; in industry 3322: 72, 76, and 74; industry 3323: 256, 222, and 210. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: (NA) Not available. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. (*) These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3321.--GRAY IRON FOUNDRIES								
1967 Census	6,995	86	2,031	3.22	.41	.77	11,187	63	6.37
1966 ASM	6,953	87	2,127	3.09	.40	.76	11,700	59	6.34
1965 ASM	6,833	87	2,160	3.01	.41	.76	11,560	59	6.16
1964 ASM	6,532	87	2,145	2.89	.42	.78	10,717	61	5.75
1963 Census	6,059	86	2,056	2.78	.41	.78	9,695	62	5.45
1962 ASM	5,665	86	1,985	2.66	.42	.79	9,025	63	5.27
1961 ASM	5,298	86	1,887	2.62	.43	.80	8,127	65	5.02
1960 ASM	5,164	86	1,914	2.52	.44	.80	7,970	65	4.85
1959 ASM	5,120	87	1,990	2.42	.45	.80	7,968	64	4.62
1958 Census	4,714	86	1,846	2.35	.43	.80	7,196	66	4.55
	INDUSTRY 3322.--MALLEABLE IRON FOUNDRIES								
1967 Census	7,353	84	2,013	3.43	.33	.75	11,657	63	6.90
1966 ASM	7,244	85	2,093	3.25	.34	.77	11,164	65	6.25
1965 ASM	7,125	86	2,129	3.16	.33	.76	11,123	64	6.11
1964 ASM	6,722	85	2,102	3.04	.38	.83	9,239	73	5.15
1963 Census	6,367	84	2,060	2.90	.35	.80	9,174	69	5.27
1962 ASM	6,049	85	1,999	2.84	.36	.81	8,658	70	5.12
1961 ASM	5,673	83	1,948	2.73	.36	.82	7,900	72	4.88
1960 ASM	5,336	84	1,893	2.64	.38	.83	7,236	74	4.58
1959 ASM	5,562	86	2,037	2.55	.38	.83	7,793	71	4.46
1958 Census	4,972	83	1,879	2.46	.40	.87	6,307	79	4.07
	INDUSTRY 3323.--STEEL FOUNDRIES								
1967 Census	7,054	83	2,028	3.25	.34	.74	11,436	62	6.78
1966 ASM	7,198	84	2,126	3.17	.33	.73	12,080	60	6.73
1965 ASM	6,955	85	2,098	3.11	.35	.76	11,323	61	6.37
1964 ASM	6,746	85	2,073	3.02	.35	.77	10,669	63	6.07
1963 Census	6,361	84	1,997	2.95	.33	.75	10,331	62	6.17
1962 ASM	6,003	90	1,853	2.82	.34	.76	9,588	63	5.78
1961 ASM	5,765	89	1,787	2.75	.36	.79	8,776	66	5.52
1960 ASM	5,670	89	1,809	2.69	.36	.77	8,642	66	5.37
1959 ASM	5,570	95	1,727	2.60	.35	.75	9,055	62	5.50
1958 Census	5,177	82	1,854	2.51	.34	.77	7,813	66	5.16

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3321-- GRAY IRON FOUNDRIES													
UNITED STATES	1 061	774	138.0	965.3	119.3	242.2	780.2	1 543.1	1 075.3	2 637.8	196.3	120.5	1 168.5
NORTHEAST REGION	257	185	21.4	140.2	18.6	37.7	113.0	234.6	163.0	395.4	16.6	19.8	181.9
NEW ENGLAND DIVISION	79	56	5.6	36.9	4.9	10.1	29.8	52.9	27.8	80.3	2.5	4.9	41.9
VERMONT	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	43	31	2.9	18.2	2.6	5.2	15.5	27.1	12.9	39.9	1.2	2.7	23.5
RHODE ISLAND	9	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.0
CONNECTICUT	14	13	1.8	14.1	1.5	3.5	10.6	19.1	11.3	30.2	1.1	1.5	12.8
MIDDLE ATLANTIC DIVISION	178	129	15.8	103.3	13.6	27.6	83.2	181.7	135.3	315.1	14.1	14.9	140.0
NEW YORK	46	31	3.5	23.0	3.0	6.3	18.4	39.5	28.8	68.2	1.6	3.1	26.2
NEW JERSEY	31	25	4.2	27.8	3.6	7.3	22.5	54.8	42.1	96.2	3.8	4.1	41.4
PENNSYLVANIA	101	73	8.1	52.5	7.0	13.9	42.4	87.4	64.4	150.7	8.8	7.7	72.4
NORTH CENTRAL REGION	477	371	79.3	602.3	67.9	137.8	484.9	944.8	589.9	1 547.2	154.7	67.9	703.6
EAST NORTH CENTRAL DIVISION	388	314	73.5	567.0	63.0	128.1	457.4	890.2	554.8	1 457.3	150.8	62.3	657.7
OHIO	105	85	19.9	153.1	17.1	34.2	123.3	255.5	159.9	417.3	18.3	16.8	194.1
INDIANA	62	50	10.2	73.1	8.8	17.8	59.0	117.5	62.4	180.9	6.1	7.6	72.8
ILLINOIS	72	53	7.2	53.1	6.2	12.3	41.7	92.5	55.6	148.1	45.3	6.9	61.9
MICHIGAN	95	81	27.6	226.0	23.7	49.2	183.9	324.2	223.7	557.3	70.5	22.6	260.7
WISCONSIN	54	45	8.5	61.6	7.3	14.6	49.5	100.5	53.1	153.7	10.7	8.4	68.1
WEST NORTH CENTRAL DIVISION	89	57	5.8	35.3	4.9	9.7	27.5	54.6	35.1	89.9	3.9	5.6	45.9
MINNESOTA	25	14	1.0	7.0	.8	1.7	5.2	10.8	7.6	18.3	.7	.8	8.3
IOWA	21	16	1.6	10.5	1.4	2.7	8.0	18.3	11.1	29.6	1.0	1.7	13.7
MISSOURI	21	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.3	17.7
NEBRASKA	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	17	10	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	220	154	30.8	180.1	27.2	55.9	148.4	294.9	274.6	575.6	19.4	26.6	213.8
SOUTH ATLANTIC DIVISION	82	53	8.6	51.0	7.8	16.3	43.2	95.1	65.2	160.2	4.7	7.2	65.4
MARYLAND[e]	7	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	5.3
VIRGINIA	20	14	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.2	32.2
WEST VIRGINIA	10	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	18	11	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	10.2
SOUTH CAROLINA	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	12	8	.6	3.0	.5	1.0	2.4	4.3	2.0	6.3	.4	.5	2.4
FLORIDA	12	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	2.5
EAST SOUTH CENTRAL DIVISION	75	62	16.0	96.0	14.0	28.3	78.8	138.2	168.0	313.3	10.4	14.5	110.4
KENTUCKY	5	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	23	16	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	44	39	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI[e]	3	3	.2	.9	.1	.2	.7	2.6	1.2	3.8	.1	.1	1.0
WEST SOUTH CENTRAL DIVISION	63	39	6.3	33.2	5.5	11.2	26.5	61.6	41.4	102.1	4.3	5.0	38.0
ARKANSAS	7	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OKLAHOMA	10	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	39	24	5.2	27.7	4.5	9.3	22.0	52.8	37.5	89.6	3.6	4.1	32.5
WEST REGION	107	64	6.5	42.7	5.6	10.9	34.0	68.9	47.8	119.6	5.5	6.2	69.2
MOUNTAIN DIVISION	17	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	15.1
COLORADO	7	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	4.4
UTAH	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	90	55	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.1	54.2
WASHINGTON[e]	14	5	.7	4.3	.6	1.2	3.7	6.8	2.5	9.2	.1	[2](D)	[2](D)
OREGON	12	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	3.9
CALIFORNIA	63	44	4.2	27.0	3.6	7.0	21.4	44.0	32.8	78.5	2.4	4.3	46.4
3322-- MALLEABLE IRON FOUNDRIES													
UNITED STATES	81	75	25.4	187.0	21.4	43.0	147.3	296.5	142.9	438.3	21.9	22.3	204.6
NORTHEAST REGION	27	24	5.1	34.2	4.4	8.8	27.2	53.7	23.5	76.9	3.2	4.6	34.8
NEW ENGLAND DIVISION	6	6	.9	5.8	.7	1.5	4.5	9.2	3.6	12.7	.8	.8	6.2
NEW HAMPSHIRE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	3.5
MIDDLE ATLANTIC DIVISION	21	18	4.2	28.4	3.7	7.4	22.7	44.5	20.0	64.2	2.3	3.8	28.6
NEW YORK	8	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	9	9	2.7	18.4	2.4	4.8	14.5	29.9	13.3	43.2	1.7	2.5	18.8
NORTH CENTRAL REGION	42	41	18.7	143.3	15.6	31.5	112.6	229.7	110.9	339.8	16.7	16.8	162.7
EAST NORTH CENTRAL DIVISION	38	37	18.2	139.7	15.1	30.5	109.9	223.5	108.8	331.6	15.7	16.4	158.8
OHIO	10	10	3.4	24.5	2.9	5.9	20.8	35.5	17.3	52.6	3.6	3.7	31.6
INDIANA	3	3	1.0	5.9	.9	1.6	4.7	9.0	4.8	13.8	.5	.9	5.8
ILLINOIS	9	9	5.5	43.6	4.7	9.4	35.1	67.9	37.9	106.0	4.6	4.3	41.6
MICHIGAN	7	6	6.3	51.6	5.0	10.4	38.2	87.5	40.0	127.0	4.9	5.4	62.4
WISCONSIN	9	9	1.9	14.0	1.6	3.2	11.0	23.6	8.8	32.2	2.1	2.0	17.5
WEST NORTH CENTRAL DIVISION	4	4	.6	3.6	.5	.9	2.8	6.1	2.1	8.2	1.0	.5	3.9
MINNESOTA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3322--MALLEABLE IRON FOUNDRIES--CON.													
NORTH CENTRAL REGION--CON.													
WEST NORTH CENTRAL DIVISION--CON.													
MISSOURI	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	8	7	1.5	8.7	1.3	2.5	6.8	11.7	7.8	19.4	1.9	(D)	(D)
SOUTH ATLANTIC DIVISION	5	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3323-- STEEL FOUNDRIES													
UNITED STATES	296	248	69.2	488.2	57.6	116.8	379.2	791.4	413.8	1 213.2	56.8	56.8	586.9
NORTHEAST REGION	73	56	19.6	141.3	16.1	32.6	108.5	204.0	127.7	336.7	11.9	16.9	166.5
NEW ENGLAND DIVISION	17	11	2.0	12.5	1.5	3.3	9.1	20.0	7.9	27.8	2.1	1.1	10.1
NEW HAMPSHIRE	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	7	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CONNECTICUT	6	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	4.7
MIDDLE ATLANTIC DIVISION	56	45	17.6	128.8	14.6	29.3	99.4	184.0	119.8	308.9	9.8	15.8	156.4
NEW YORK	11	10	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	8	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	37	30	13.0	94.6	10.8	21.5	73.0	130.0	89.0	222.7	7.4	11.8	109.9
NORTH CENTRAL REGION	128	111	36.1	258.0	29.9	61.4	201.7	447.3	209.4	658.8	30.1	30.1	332.2
EAST NORTH CENTRAL DIVISION	106	90	30.5	219.2	25.1	51.8	170.8	381.4	175.7	559.7	24.6	26.2	293.4
OHIO	29	26	9.2	66.4	7.5	15.7	52.4	111.3	53.9	167.3	9.6	8.6	99.3
INDIANA	9	8	4.1	28.8	3.6	7.1	23.5	44.9	18.7	63.5	2.3	4.1	40.3
ILLINOIS	23	21	8.4	60.6	6.9	13.8	46.3	110.9	50.2	159.1	5.0	7.0	85.2
MICHIGAN	23	15	3.6	24.3	2.9	6.8	19.0	50.6	28.1	81.1	3.7	2.4	26.6
WISCONSIN	22	20	5.2	39.0	4.2	8.4	29.6	63.7	24.8	88.7	3.9	4.1	41.9
WEST NORTH CENTRAL DIVISION	22	21	5.6	38.9	4.8	9.6	31.0	66.0	33.8	99.1	5.4	3.8	38.8
MINNESOTA	4	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
IOWA	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	11	11	2.5	17.3	2.1	4.4	14.0	31.1	14.8	45.5	.6	[2](D)	[2](D)
SOUTH DAKOTA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEBRASKA[e]	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
KANSAS	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	40	33	6.3	38.4	5.4	11.0	29.9	56.8	31.4	87.4	5.2	(D)	(D)
SOUTH ATLANTIC DIVISION	13	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)
DELAWARE	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	(D)
VIRGINIA	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
GEORGIA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	9	8	1.6	10.1	1.3	2.7	7.8	15.5	10.1	25.3	.8	(D)	(D)
TENNESSEE	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	6	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	18	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	(D)
ARKANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)
LOUISIANA	4	3	1.0	6.1	.8	1.7	4.5	6.4	5.9	11.6	2.7	.8	6.9
OKLAHOMA	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	11	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	55	48	7.2	50.4	6.1	11.8	39.1	83.2	45.3	130.3	9.7	(D)	(D)
MOUNTAIN DIVISION	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
COLORADO	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ARIZONA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	53	46	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	12	11	.9	7.0	.8	1.5	5.6	11.4	5.8	17.2	.4	.6	5.6
OREGON	6	6	1.9	14.0	1.5	2.9	10.6	16.6	12.6	32.3	(D)	1.2	12.4
CALIFORNIA	35	29	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under $50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250 to 499 employees
CC - 500 to 999 employees
EE - 1,000 to 2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Gray iron foundries (SIC 3321)	Malleable iron foundries (SIC 3322)	Steel foundries (SIC 3323)
PRIMARY PRODUCT SPECIALIZATION RATIO[1] . . . . PERCENT	.93	.85	.90
COVERAGE RATIO[2] . . . . . .DO	.86	.89	.89
ESTABLISHMENTS, TOTAL . . . . . .NUMBER	1 061	81	296
WITH 1 TO 19 EMPLOYEES . . . . . .DO	287	6	48
WITH 20 TO 99 EMPLOYEES . . . . . .DO	469	15	89
WITH 100 EMPLOYEES OR MORE . . . . . .DO	305	60	159
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	138.0	25.4	69.2
PAYROLL FOR YEAR, ALL EMPLOYEES . . . MILLION DOLLARS	965.3	187.0	488.2
PRODUCTION WORKERS:			
AVERAGE FOR YEAR 1,000	119.3	21.4	57.6
MARCH . . . . . .DO	121.3	21.7	60.5
MAY . . . . . .DO	118.8	21.4	57.4
AUGUST . . . . . .DO	118.9	21.4	56.9
NOVEMBER . . . . . .DO	118.3	21.0	55.2
MAN-HOURS . . . . . .MILLIONS	242.3	43.0	116.8
JANUARY-MARCH . . . . . .DO	61.9	11.4	32.0
APRIL-JUNE . . . . . .DO	62.3	11.0	30.4
JULY-SEPTEMBER . . . . . .DO	57.6	10.1	26.8
OCTOBER-DECEMBER . . . . . .DO	60.5	10.5	27.6
WAGES . . . . . MILLION DOLLARS	780.2	147.3	379.2
COST OF MATERIALS, ETC., TOTAL . . . . . .DO	1 075.3	142.9	413.8
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED . .DO	896.8	117.5	344.4
COST OF RESALES . . . . . .DO	67.4	1.7	12.5
FUELS CONSUMED . . . . . .DO	70.7	12.7	16.8
PURCHASED ELECTRIC ENERGY . . . . . .DO	32.0	7.7	26.2
CONTRACT WORK . . . . . .DO	8.4	3.3	14.0
VALUE OF SHIPMENTS, INCLUDING RESALES . . . . .DO	2 637.8	438.3	1 213.2
VALUE OF RESALES . . . . . .DO	73.9	1.9	15.0
VALUE ADDED BY MANUFACTURE . . . . . .DO	1 543.1	296.5	791.4
MANUFACTURERS' INVENTORIES:			
BEGINNING OF YEAR, TOTAL . . . . . .DO	266.0	29.9	151.0
FINISHED PRODUCTS . . . . . .DO	110.4	7.0	25.7
WORK IN PROCESS . . . . . .DO	50.8	10.6	76.8
MATERIALS, SUPPLIES, FUEL, ETC. . . . . .DO	104.8	12.3	48.5
END OF YEAR, TOTAL . . . . . .DO	240.8	29.5	143.9
FINISHED PRODUCTS . . . . . .DO	103.9	8.0	23.1
WORK IN PROCESS . . . . . .DO	38.0	10.7	71.4
MATERIALS, SUPPLIES, FUEL, ETC. . . . . .DO	98.9	10.8	49.5
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL . . .DO	207.2	22.8	60.5
NEW PLANT AND EQUIPMENT, TOTAL . . . . . .DO	196.3	21.9	56.8
NEW STRUCTURES AND ADDITIONS TO PLANT . . . .DO	44.6	4.0	15.0
NEW MACHINERY AND EQUIPMENT . . . . . .DO	151.7	17.9	41.8
USED PLANT AND EQUIPMENT . . . . . .DO	10.8	1.0	3.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3321-- GRAY IRON FOUNDRIES											
ESTABLISHMENTS, TOTAL	1 061	138.0	965.3	119.3	242.3	780.2	1 543.1	1 075.3	2 637.8	196.3	240.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	126	.2	1.2	.2	.4	1.0	2.6	1.4	4.1	[2] 44.6	.3
5 TO 9 EMPLOYEES[e]	64	.4	2.5	.4	.7	2.0	3.9	2.1	6.0	(D)	.4
10 TO 19 EMPLOYEES	97	1.4	8.0	1.3	2.4	6.6	12.5	6.9	19.6	(D)	1.4
20 TO 49 EMPLOYEES	248	8.4	48.6	7.4	14.4	38.9	82.0	41.5	122.9	(D)	7.0
50 TO 99 EMPLOYEES	221	15.6	97.1	13.8	27.5	78.8	154.8	77.9	240.1	9.5	14.4
100 TO 249 EMPLOYEES	193	30.3	195.5	26.4	53.7	155.7	330.6	213.0	542.9	19.2	46.0
250 TO 499 EMPLOYEES	67	22.9	157.8	19.2	38.9	123.4	263.7	211.7	479.3	22.2	51.4
500 TO 999 EMPLOYEES	28	19.9	134.5	17.4	34.8	112.9	199.9	193.0	396.4	13.0	51.9
1,000 TO 2,499 EMPLOYEES	12	18.0	134.9	15.5	32.5	109.5	202.7	116.8	325.8	22.4	26.4
2,500 EMPLOYEES OR MORE	5	20.8	185.2	17.8	37.0	151.4	290.4	211.0	500.7	65.3	41.5
ESTABS. COVERED BY ADMIN. RECORDS[1 e]	148	.4	2.3	.4	.7	1.9	4.5	2.5	7.0	.1	.6
3322-- MALLEABLE IRON FOUNDRIES											
ESTABLISHMENTS, TOTAL	81	25.4	187.0	21.4	43.0	147.3	296.5	142.9	438.3	21.9	29.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	3	(Z)	.2	(Z)	(Z)	.2	.2	.2	.4	.9	(Z)
5 TO 9 EMPLOYEES[e]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	9	.3	1.4	.2	.5	1.2	2.2	.9	3.2	.1	.2
50 TO 99 EMPLOYEES	6	.4	2.6	.4	.7	2.1	4.0	2.3	6.3	.2	.2
100 TO 249 EMPLOYEES	30	4.9	32.7	4.3	8.5	26.0	52.8	21.7	74.2	4.3	5.7
250 TO 499 EMPLOYEES	18	6.4	43.7	5.5	10.9	35.1	69.5	28.2	97.4	6.2	7.2
500 TO 999 EMPLOYEES	6	4.0	29.1	3.4	6.8	24.2	38.2	21.4	59.1	4.5	4.7
1,000 TO 2,499 EMPLOYEES	5	9.4	77.2	7.6	15.6	58.6	129.5	68.3	197.6	5.7	11.3
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1]	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3323-- STEEL FOUNDRIES											
ESTABLISHMENTS, TOTAL	296	69.2	488.2	57.6	116.8	379.2	791.4	413.8	1 213.2	56.8	143.9
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	21	(Z)	.3	(Z)	.1	.2	.6	.3	.9	1.4	.1
5 TO 9 EMPLOYEES	10	.1	.5	.1	.1	.4	1.5	.7	2.1	.1	.1
10 TO 19 EMPLOYEES	17	.2	1.5	.2	.4	1.1	2.7	1.8	4.5	.1	.4
20 TO 49 EMPLOYEES	47	1.6	10.4	1.3	2.8	8.2	16.2	8.2	24.3	1.7	1.7
50 TO 99 EMPLOYEES	42	2.9	19.6	2.5	4.9	14.4	38.1	17.1	55.0	5.3	3.8
100 TO 249 EMPLOYEES	76	12.9	87.0	11.0	22.6	68.7	145.8	84.7	228.9	7.3	22.1
250 TO 499 EMPLOYEES	44	15.9	114.4	13.2	27.2	88.6	178.0	88.5	267.6	14.7	33.9
500 TO 999 EMPLOYEES	27	18.2	130.1	14.8	29.5	99.1	204.1	110.9	324.8	17.2	39.5
1,000 TO 2,499 EMPLOYEES	12	17.4	124.4	14.5	29.2	98.5	204.5	101.5	305.1	9.1	42.4
2,500 EMPLOYEES OR MORE	-	-	-	-	-	-	-	-	-	-	-
ESTABS. COVERED BY ADMIN. RECORDS[1]	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard Note: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.) - Represents zero.

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3321	Gray iron foundries.....1967..	2,637.8	2,365.2	180.4	92.2	93	2,740.4	2,365.2	375.2	86
	1963..	1,984.9	1,794.3	134.2	56.5	93	2,046.3	1,794.3	252.0	88
3322	Malleable iron foundries.....1967..	438.3	370.5	65.2	2.6	85	417.2	370.5	46.7	89
	1963..	317.5	272.4	42.2	2.9	87	313.6	272.4	41.2	87
3323	Steel foundries.....1967..	1,213.2	1,074.3	115.7	23.3	90	1,209.7	1,074.3	135.4	89
	1963..	871.0	725.7	128.6	16.7	85	815.1	725.7	89.3	89

Note: See Appendix, Explanation of Terms, for discussion of items. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry, and miscellaneous receipts	All industries	Gray iron foundries (SIC 3321)	Malleable iron foundries (SIC 3322)	Steel foundries (SIC 3323)	Other industries
	Total shipments and miscellaneous receipts	(X)	2,637.8	438.3	1,213.2	(X)
3321-	Gray iron castings	2,740.4	2,365.2	(20-40)	(10-20)	325.4
33211	Molds for heavy steel ingots	242.9	123.3	-	-	119.6
33212	Cast iron pressure pipe and fittings	263.2	258.2	-	-	5.0
33213	Cast iron soil pipe and fittings	156.0	148.5	-	-	7.5
33214	All other gray iron castings	1,960.8	1,722.9	(D)	(D)	188.2
33210	Gray iron foundry products, n.s.k.	117.5	112.3	-	-	5.1
3322-	Malleable iron castings	417.2	25.4	376.5	(D)	(D)
3323-	Steel castings	1,209.7	20.8	4.8	1,074.3	109.8
33231	Steel investment castings	167.6	(D)	(D)	158.3	(D)
33232	Other carbon steel castings	619.0	8.6	-	560.4	50.0
33233	Other alloy steel castings	390.0	11.3	(D)	328.3	(D)
33230	Steel castings, n.s.k.	33.1	(D)	-	27.3	(D)
	Other product shipments by 4-digit product group					
1931-	Tanks and tank components	(X)	-	-	(over 2)	(X)
3317-	Steel pipe and tubes	(X)	(20-50)	-	-	(X)
3361-	Aluminum castings	(X)	9.4	5.4	6.7	(X)
3362-	Brass, bronze, and copper castings	(X)	7.7	1.5	5.2	(X)
3369-	Nonferrous castings, n.e.c.	(X)	4.2	(under 2)	(under 2)	(X)
3391-	Iron and steel forgings	(X)	(under 2)	(under 2)	(5-10)	(X)
3423-	Hand and edge tools, n.e.c.	(X)	-	(over 2)	-	(X)
3441-	Fabricated structural steel	(X)	3.0	-	-	(X)
3481-	Miscellaneous fabricated wire products	(X)	-	(over 2)	-	(X)
3499-	Fabricated metal products, n.e.c.	(X)	(2-5)	-	(over 2)	(X)
3522-	Farm machinery	(X)	4.4	-	-	(X)
3541-	Machine tools, metal-cutting types	(X)	(2-5)	-	-	(X)
3544-	Special dies, tools, jigs, and fixtures	(X)	5.1	(under 2)	2.3	(X)
3548-	Metalworking machinery, n.e.c.	(X)	1.2	(under 2)	24.3	(X)
3559-	Special industry machinery, n.e.c.	(X)	3.6	-	2.6	(X)
3565-	Industrial patterns	(X)	12.7	3.8	8.3	(X)
3714-	Motor vehicle parts and accessories	(X)	(20-50)	-	(over 2)	(X)
	Other secondary products[1]	(X)	82.9	49.7	66.3	(X)
	Miscellaneous receipts, total	(X)	92.9	2.6	23.2	(X)
93000	Receipts for contract work	(X)	5.8	0.1	4.5	(X)
99989	Receipts for resales	(X)	73.9	1.9	15.0	(X)
99980	Sales of scrap	(X)	3.4	0.3	0.8	(X)
99980	Receipts for repair work	(X)	1.6	0.3	0.2	(X)
99980	Other miscellaneous receipts	(X)	7.5		2.7	(X)
	Listing of the other industries with over $2 million shipments of the primary products					
3321-	3312 Blast furnace and steel mill products	(X)	(X)	(X)	(X)	131.8
	3361 Aluminum castings	(X)	(X)	(X)	(X)	2.9
	3362 Brass, bronze, and copper castings	(X)	(X)	(X)	(X)	6.1
	3433 Heating equipment, except electric	(X)	(X)	(X)	(X)	10.6
	3441 Fabricated structural steel	(X)	(X)	(X)	(X)	3.3
	3443 Fabricated platework (boiler shop products)	(X)	(X)	(X)	(X)	5.5
	3494 Valve and pipe fittings	(X)	(X)	(X)	(X)	3.2
	3519 Internal combustion engines, n.e.c.	(X)	(X)	(X)	(X)	2.4
	3522 Farm machinery	(X)	(X)	(X)	(X)	26.9
	3541 Machine tools, metal-cutting types	(X)	(X)	(X)	(X)	12.8
	3548 Metalworking machinery, n.e.c.	(X)	(X)	(X)	(X)	(2-5)
	3552 Textile machinery	(X)	(X)	(X)	(X)	6.9
	3554 Paper industries machinery	(X)	(X)	(X)	(X)	3.7
	3559 Special industry machinery, n.e.c.	(X)	(X)	(X)	(X)	5.4
	3561 Pumps and compressors	(X)	(X)	(X)	(X)	9.7
	3566 Power transmission equipment	(X)	(X)	(X)	(X)	(2-5)
	3599 Miscellaneous machinery, except electrical	(X)	(X)	(X)	(X)	4.9
	3714 Motor vehicle parts and accesories	(X)	(X)	(X)	(X)	59.2
3322-	3494 Valve and pipe fittings	(X)	(X)	(X)	(X)	4.3
	3559 Special industry machinery, n.e.c.	(X)	(X)	(X)	(X)	(over 2)
	3631 Household cooking equipment	(X)	(X)	(X)	(X)	(2-5)
3323-	2499 Wood products, n.e.c.	(X)	(X)	(X)	(X)	(over 2)
	3312 Blast furnace and steel mill products	(X)	(X)	(X)	(X)	30.5
	3361 Aluminum castings	(X)	(X)	(X)	(X)	6.5
	3362 Brass, bronze, and copper castings	(X)	(X)	(X)	(X)	18.5
	3369 Nonferrous castings, n.e.c.	(X)	(X)	(X)	(X)	3.6
	3443 Fabricated platework (boiler shop products)	(X)	(X)	(X)	(X)	(over 2)
	3531 Construction machinery	(X)	(X)	(X)	(X)	5.6
	3548 Metalworking machinery, n.e.c.	(X)	(X)	(X)	(X)	10.1
	3561 Pumps and compressors	(X)	(X)	(X)	(X)	(over 2)
	3566 Power transmission equipment	(X)	(X)	(X)	(X)	(5-10

Note: Data shown parenthetically above are expressed in millions of dollars.

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Includes, where appropriate, values for those 4-digit product groups for which either the symbol (D) or a value range e.g. (2-5), (under 2) etc., appear above.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	1967						1963					
		Total shipments, including interplant transfers		Shipments to other companies		Transfers to other plants of the same company		Total shipments, including interplant transfers		Shipments to other companies		Transfers to other plants of the same company	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
3321- --	GRAY IRON CASTINGS, TOTAL[1]	(X)	2,740.4	(X)	(NA)	(X)	(NA)	(X)	2,046.3	(X)	(NA)	(X)	(NA)
33211 11	Molds and stools for heavy steel ingots	2,580.5	242.9	1,410.5	142.6	1,170.0	100.3	2,128.2	187.8	1,333.2	115.4	795.0	72.3
33212 --	Cast iron pressure pipe and fittings[1]	1,794.4	263.2	1,794.4	263.2	(X)	(X)	1,750.6	230.7	[2]1,750.6	[2]230.7	([2])	([2])
33212 21	6 inches and under (inside diameter)	515.2	74.5	515.2	74.5	(X)	(X)	594.4	80.3	[2]594.4	[2]80.3	([2])	([2])
33212 23	Over 6 inches up to and including 8 inches (inside diameter)	379.9	51.8	379.9	51.8	(X)	(X)	408.9	54.8	[2]408.9	[2]54.8	([2])	([2])
33212 25	Over 8 inches up to but not including 14 inches (inside diameter)	523.4	70.4	523.4	70.4	(X)	(X)	449.4	56.2	[2]449.4	[2]56.2	([2])	([2])
33212 31	14 inches to 24 inches inclusive (inside diameter)												
33212 51	Over 24 inches (inside diameter)	375.9	64.3	375.9	64.3	(X)	(X)	297.9	39.3	[2]297.9	[2]39.3	([2])	([2])
33212 00	Cast iron pressure pipe and fittings, n.s.k.	(X)	2.2	(X)	2.2	-	-	-	-	-	-	-	-
33213 --	Cast iron soil pipe and fittings. Cast iron soil pipe and fittings, including special fittings:	927.1	156.0	927.1	156.0	(X)	(X)	953.1	152.1	[2]953.1	[2]152.1	([2])	([2])
33213 21	Up to 3 inches (inside diameter)	268.6	46.9	268.6	46.9	(X)	(X)	234.3	42.3	[2]234.3	[2]42.3	([2])	([2])
33213 31	Over 3 inches up to but not including 5 inches (inside diameter)	515.1	80.2	515.1	80.2	(X)	(X)	564.4	84.0	[2]564.4	[2]84.0	([2])	([2])
33213 41	5 inches and over (inside diameter)	143.4	26.8	143.4	26.8	(X)	(X)	154.4	25.8	[2]154.4	[2]25.8	([2])	([2])
33213 00	Cast iron soil pipe and fittings, n.s.k.	(X)	2.1	(X)	2.1	-	-	-	-	-	-	-	-
33214 --	All other gray iron castings	6,395.8	1,960.8	4,308.4	1,390.4	2087.4	570.4	5,035.0	1,432.8	3,134.3	981.4	1,738.7	451.4
33214 31	Rolls for rolling mills	131.1	76.8	121.3	70.3	9.8	6.5	102.9	61.9	84.5	52.6	18.4	9.3
33214 98	All other gray iron castings	6,264.7	1,884.0	4,187.1	1,320.1	2,077.8	563.9	4,950.1	1,370.9	3,229.8	928.8	1,720.3	442.0
33210 00	Gray iron castings, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	110.5	(X)	110.5	-	-						
33210 02	Gray iron castings, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	7.0	(X)	7.0	-	-	(X)	43.0	(X)	43.0	-	-
3322- --	MALLEABLE IRON CASTINGS, TOTAL[1]	(X)	417.2	(X)	314.8	(X)	102.4	(X)	313.6	(X)	212.0	(X)	101.6
33220 21	Standard	697.5	306.8	684.8	308.9	283.9	102.4	634.1	234.0	538.0	210.8	340.2	101.6
33220 31	Pearlitic	271.2	104.5					244.2	78.4				
33220 00	Malleable iron castings, n.s.k. (For companies with 10 or more employees. See Note.)	(NA)	5.8	(NA)	5.8	-	-						
33220 02	Malleable iron castings, n.s.k. (For companies with less than 10 employees. See Note.)	(NA)	0.1	(NA)	0.1	-	-	(NA)	1.2	(NA)	1.2	-	-

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

Product code	Product	Total shipments, including interplant transfers		Shipments to other companies		Transfers to other plants of the same company	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
		1967					
3323- --	STEEL CASTINGS, TOTAL[1]	(X)	1,209.7	(X)	1,152.7	(X)	57.0
33231 --	Steel investment castings, total	(X)	167.6	(X)	[2]167.6	(X)	([2])
33231 63	Carbon, including low alloy	7.9	80.3	7.9	80.3	([2])	([2])
33231 65	Alloy, including stainless	6.5	85.1	6.5	85.1	([2])	([2])
33231 00	Steel investment castings, n.s.k.	(X)	2.2	(X)	2.2	(X)	-
33232 --	Other carbon steel castings, total	(X)	619.0	(X)	593.7	(X)	25.3
33232 12	Cast steel railroad car wheels	185.6	43.3	185.6	43.3		-
33232 13	Railway specialities (except cast railroad car wheels)	366.9	168.8	364.1	166.8	2.8	2.0
33232 15	Rolls for rolling mills	28.8	19.9	28.8	19.9	([2])	([2])
33232 19	Other carbon steel castings	566.9	383.1	533.9	359.8	33.0	23.3
33232 00	Other carbon steel castings, n.s.k.	(X)	3.9	(X)	3.9	(X)	-
33233 --	Other alloy steel castings, total	(X)	390.0	(X)	358.3	(X)	31.7
33233 21	High manganese steel castings	65.3	48.1	65.3	48.1	([2])	([2])
33233 31	High alloy steel castings[3]	67.6	117.3	64.1	107.1	3.5	10.2
	Alloy steel castings (except high alloy steel castings):						
33233 51	Railway specialties	62.0	30.4	62.0	30.4	-	-
33233 55	Rolls for rolling mills	53.3	34.0	53.3	34.0	([2])	([2])
33233 59	Other alloy steel castings	164.1	150.4	142.6	128.9	21.5	21.5
33233 00	Other alloy steel castings, n.s.k.	(X)	9.8	(X)	9.8	(X)	-
33230 00	Steel castings, n.s.k. (Represents companies with 10 employees or more in 1967. See Note.)	(X)	32.3	(X)	32.3	(X)	-
33230 02	Steel castings, n.s.k. (Represents companies with fewer than 10 employees in 1967. See Note.)	(X)	0.8	(X)	0.8	(X)	-
		1963					
3323- --	STEEL CASTINGS, TOTAL[1]	(X)	815.1	(X)	755.7	(X)	59.3
	Carbon steel castings:						
33230 12	Cast steel railroad car wheels	253.2	64.7	253.2	64.7	-	-
33230 13	Railway specialties (except cast railroad car wheels)	188.8	76.7	181.9	73.6	6.9	3.1
33230 15	Rolls for rolling mills	26.4	14.8	25.4	14.4	1.0	0.3
33230 19	Other carbon steel castings	478.7	286.4	428.1	263.2	50.6	23.3
33230 21	High manganese steel castings	63.9	47.3	61.9	46.0	2.0	1.4
33230 31	High alloy steel castings[3]	38.5	75.7	33.8	66.9	4.7	8.8
	Alloy steel castings (except high alloy steel castings):						
33230 51	Railway specialties	62.2	30.6	62.2	30.6	([2])	([2])
33230 55	Rolls for rolling mills	52.1	30.9	40.3	24.5	11.8	6.4
33230 59	Other alloy steel castings	161.0	115.9	142.6	99.8	18.4	16.1
33230 61	Investment castings	3.6	64.1	3.6	64.1	([2])	([2])
33230 00	Steel castings, n.s.k. (See Note.)	(X)	7.9	(X)	7.9	(X)	(X)

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard Notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Differs from the tonnage figures published in Current Industrial Reports Series M33A "Iron and Steel Castings" in that no figures are included above for castings produced by captive foundry departments of plants classified in other industries. As shown in the Current Industrial Report captive production ("for own use") including both interplant transfers and castings produced and consumed by the same plant for 1967 totaled as follows: gray iron castings, 6,929 thousand tons; malleable iron castings, 427 thousand tons; and steel castings, 301 thousand tons. Of this total only the following tonnages transferred to other plants are included above: gray iron castings 2,973, thousand tons; malleable iron castings, 284 thousand tons; and steel castings 70 thousand tons. The differences between the tonnages shown above for "shipments to other companies" and the "for sale" figures in series M33A are due to differences in classification in the census and monthly survey with regard to such products as machinery parts, etc., and fiscal year reports in the census.

[2]Figures for transfers to other plants of the same company are included with "shipments to other companies" to avoid disclosing operations of individual companies.

[3]Heat and/or corrosion-resistant steel castings containing 8 percent more of chromium or nickel, or both with or without molybdenum or other elements.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
MOLDS FOR HEAVY STEEL INGOTS (33211)		
United States	242.9	187.8
Northeast Region	123.4	(D)
Middle Atlantic Div.	123.4	(D)
New York	EE	(1)
Pennsylvania	GG	(D)
North Central Region	94.5	(D)
East North Central Div.	94.5	(D)
Ohio	FF	(1)
Illinois	42.0	12.1
Michigan	EE	(1)
South Region	FF	(D)
South Atlantic Div.	AA	(D)
West Virginia	AA	(1)
East South Central Div.	BB	(D)
Kentucky	BB	(1)
West South Central Div.	EE	(D)
Texas	EE	(D)
West Region	BB	(D)
Mountain Div.	BB	(D)
Colorado	BB	(1)
Pacific Div.	AA	(D)
CAST IRON PRESSURE PIPE AND FITTINGS (33212)		
United States	263.2	230.7
Northeast Region	FF	(D)
New England Div.	AA	(D)
Massachusetts	AA	(1)
Middle Atlantic Div.	43.7	(D)
New Jersey	42.4	36.2
Pennsylvania	1.3	(D)
North Central Region	28.6	(D)
East North Central Div.	EE	(D)
Ohio	CC	(1)
Illinois	CC	(1)
West North Central Div.	CC	(D)
Iowa	CC	(1)
South Region	170.5	(D)
South Atlantic Div.	FF	(D)
Virginia	FF	(1)
East South Central Div.	135.1	(D)
Tennessee	EE	(1)
Alabama	122.9	109.0
West South Central Div.	EE	(D)
Texas	EE	10.6
West Region	EE	(D)
Mountain Div.	CC	(D)
Utah		
Pacific Div.	EE	(D)
Oregon	BB	(D)
California	CC	(1)
CAST IRON SOIL PIPE AND FITTINGS (33213)		
United States	156.0	152.1
Northeast Region	8.8	11.8
Middle Atlantic Div.	8.8	(D)
New Jersey	BB	4.8
Pennsylvania	BB	(1)
North Central Region	7.6	6.6
East North Central Div.	BB	(D)
Ohio	BB	(1)
West North Central Div.	BB	(D)
Missouri	BB	(1)
South Region	123.1	107.1
South Atlantic Div.	FF	(D)
Maryland	AA	(1)
Virginia	BB	(1)
North Carolina	EE	(1)
Florida	AA	(1)
East South Central Div.	62.6	(D)
Tennessee	CC	(1)
Alabama	53.7	57.0
West South Central Div.	FF	(D)
Texas	FF	(1)
West Region	16.5	26.6
Pacific Div.	16.5	(D)
California	16.5	23.5
ALL OTHER GRAY IRON CASTINGS (33214)		
United States	1,960.9	1,432.8
Northeast Region	308.1	210.3
New England Div.	67.0	51.1
Vermont	2.3	1.7
Massachusetts	35.1	26.0
Rhode Island	4.3	3.5
Connecticut	23.8	17.5
Middle Atlantic Div.	241.1	159.2
New York	96.4	45.2
New Jersey	29.4	23.7
Pennsylvania	115.3	90.2
North Central Region	1,392.6	1,020.0
East North Central Div.	1,314.8	961.1
Ohio	347.5	255.9
Indiana	178.0	119.2
Illinois	141.7	88.4
Michigan	492.4	410.6
Wisconsin	155.2	87.0
West North Central Div.	77.8	58.9
Minnesota	19.2	14.2
Iowa	23.7	15.1
Missouri	20.7	21.5
Nebraska	2.8	(D)
Kansas	10.7	6.0
South Region	199.7	149.8
South Atlantic Div.	89.7	(D)
Maryland	4.9	5.8
Virginia	53.6	31.8
ALL OTHER GRAY IRON CASTINGS (33214)--Con.		
South Region--Con.		
South Atlantic Div.--Con.		
West Virginia	11.0	7.7
North Carolina	7.1	5.2
South Carolina	8.0	(D)
Georgia	3.3	2.1
Florida	1.7	(D)
East South Central Div.	76.7	(D)
Kentucky	14.4	10.4
Tennessee	41.3	33.1
Alabama	20.8	18.9
West South Central Div.	33.4	(D)
Arkansas	3.1	(D)
Louisiana	1.1	1.4
Oklahoma	4.8	2.8
Texas	24.4	18.3
West Region	60.4	52.8
Mountain Div.	9.1	7.9
Colorado	CC	4.5
Arizona	AA	(D)
Pacific Div.	51.4	44.9
Washington	4.7	5.3
Oregon	4.0	(D)
California	42.5	36.7
MALLEABLE IRON CASTINGS (33220)		
United States	417.2	313.6
Northeast Region	74.3	50.4
New England Div.	11.8	(D)
New Hampshire	3B	(1)
Massachusetts	BB	(1)
Rhode Island	BB	(1)
Connecticut	5.3	4.4
Middle Atlantic Div.	62.5	(D)
New York	15.6	12.2
New Jersey	1.9	(D)
Pennsylvania	44.9	27.6
North Central Region	324.0	253.5
East North Central Div.	315.5	247.6
Ohio	70.8	64.1
Indiana	15.6	12.7
Illinois	72.8	54.2
Michigan	115.6	86.5
Wisconsin	40.6	30.1
West North Central Div.	8.5	5.9
Minnesota	BB	(1)
Iowa	BB	(1)
Missouri	BB	(1)
South Region	17.0	7.1
South Atlantic Div.	BB	(D)
West Virginia	BB	(D)
West South Central Div.	EE	(D)
Arkansas	AA	(D)
Texas	EE	(1)
West Region	2.0	2.7
Pacific Div.	1.6	(D)
California	1.6	1.9

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
STEEL INVESTMENT CASTINGS (33231)		
United States	167.6	NA
Northeast Region	FF	NA
New England Div	EE	NA
New Hampshire	CC	NA
Connecticut	CC	NA
Middle Atlantic Div	17.1	NA
New York	5.2	NA
New Jersey	3.9	(NA)
Pennsylvania	7.9	(NA)
North Central Region	76.7	(NA)
East North Central Div	70.9	(NA)
Ohio	11.2	NA
Illinois	10.2	NA
Michigan	FF	(NA)
Wisconsin	BB	(NA)
West North Central Div	5.9	(NA)
Minnesota	AA	(NA)
Missouri	BB	(NA)
South Region	18.4	(NA)
South Atlantic Div	BB	(NA)
Florida	BB	(NA)
East South Central Div	BB	(NA)
Alabama	BB	(NA)
West South Central Div	EE	(NA)
Louisiana	CC	(NA)
Texas	5.4	(NA)
West Region	42.1	(NA)
Pacific Div	42.1	(NA)
Washington	CC	(NA)
Oregon	CC	(NA)
California	25.9	(NA)

Product class and geographic area	Value of shipments	
	1967	1963
OTHER CARBON STEEL CASTINGS (33232)		
United States	619.0	(NA)
Northeast Region	179.3	(NA)
New England Div	8.8	(NA)
Massachusetts	BB	(NA)
Connecticut	BB	NA
Middle Atlantic Div	170.6	(NA)
New York	42.1	(NA)
Pennsylvania	128.3	(NA)
North Central Region	345.1	(NA)
East North Central Div	279.3	(NA)
Ohio	92.2	(NA)
Indiana	33.9	(NA)
Illinois	89.1	(NA)
Michigan	14.9	(NA)
Wisconsin	49.2	(NA)
West North Central Div	65.7	(NA)
Minnesota	BB	(NA)
Iowa	EE	(NA)
Missouri	28.6	(NA)
Nebraska	BB	(NA)
Kansas	EE	(NA)
South Region	57.6	(NA)
South Atlantic Div	13.5	(NA)
Delaware	CC	(NA)
Virginia	AA	(NA)
West Virginia	AA	(NA)
Georgia	AA	(NA)
Florida	BB	(NA)
East South Central Div	21.7	(NA)
Tennessee	BB	(NA)
Alabama	EE	(NA)
West South Central Div	22.4	(NA)
Arkansas	AA	(NA)
Louisiana	2.9	(NA)
Oklahoma	BB	(NA)
Texas	13.7	(NA)
West Region	37.0	(NA)
Pacific Div	36.2	(NA)
Washington	3.7	(NA)
Oregon	9.9	(NA)
California	22.5	(NA)

Product class and geographic area	Value of shipments	
	1967	1963
OTHER ALLOY STEEL CASTINGS 33233)		
United States	390.0	(NA)
Northeast Region	119.0	(NA)
New England Div	6.1	(NA)
Massachusetts	BB	(NA)
Connecticut	BB	(NA)
Middle Atlantic Div	112.9	(NA)
New York	19.6	(NA)
New Jersey	15.2	(NA)
Pennsylvania	78.1	(NA)
North Central Region	199.4	(NA)
East North Central Div	183.3	(NA)
Ohio	59.4	(NA)
Indiana	17.8	(NA)
Illinois	53.0	(NA)
Michigan	11.0	(NA)
Wisconsin	42.1	(NA)
West North Central Div	16.1	(NA)
Minnesota	BB	(NA)
Iowa	BB	(NA)
Missouri	CC	(NA)
South Region	24.0	(NA)
South Atlantic Div	CC	(NA)
West Virginia	BB	(NA)
Georgia	AA	(NA)
East South Central Div	BB	(NA)
Tennessee	AA	(NA)
Alabama	BB	(NA)
West South Central Div	13.4	(NA)
Oklahoma	BB	(NA)
Texas	EE	(NA)
West Region	47.6	(NA)
Mountain Div	EE	(NA)
Colorado	BB	(NA)
Arizona	CC	(NA)
Pacific	FF	(NA)
Washington	2.3	(NA)
Oregon	EE	(NA)
California	21.1	(NA)

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes–Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In million of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
3321-	Gray iron castings	2,740.4	2,839.0	2,684.2	2,366.8	2,046.3	1,527.9	1,513.5	1,238.5
33211	Molds for heavy steel ingots	242.9	246.7	245.4	221.1	187.8	147.7	110.0	
33212	Cast iron pressure pipe and fittings	263.2	283.1	289.8	269.7	230.7	196.1	170.3	
33213	Cast iron soil pipe and fittings	156.0	178.9	174.9	162.2	152.1	119.8	108.3	1,238.5
33214	All other gray iron castings	1,960.8	2,090.1	1,935.6	1,669.8	1,432.8	995.1	1,125.0	
33210	Gray iron castings, n.s.k.	117.5	(40.3)	(38.4)	44.1	43.0	69.2		
33220	Malleable iron castings	417.2	448.1	418.3	362.9	313.6	203.3	204.9	178.4
3323-	Steel castings	1,209.7	1,277.6	1,109.4	957.7	815.1	587.9	535.1	429.7
33231	Steel investment castings	167.6							
33232	Other carbon steel castings	619.0	1,277.6	1,109.4	957.7	815.1	587.9	535.1	429.7
33233	Other alloy steel castings	390.0							
33230	Steel castings, n.s.k.	33.1							

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses for value of shipments either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3321.--GRAY IRON FOUNDRIES				
	Materials, containers, and supplies, total	(X)	896.8	(X)	666.6
331051	Pig iron (excluding silvery iron)	3,350.1	193.4	4,379.4	275.9
	Nonferrous metals, alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed	(1)	(1)	5.5	2.4
333405	Aluminum-base alloys	2.0	1.0	5.6	2.4
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.)	(1)	(1)	0.5	0.3
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)	3.9	3.9	8.5	4.7
333348	Zinc and zinc-base alloys	(1)	(1)	0.2	(Z)
333973	Magnesium and magnesium-base alloys	11.1	5.8	9.9	4.9
331312	Ferromanganese	13.3	2.0	20.5	3.0
331309	Other ferroalloys, including silvery iron	271.5	44.0	249.2	35.6
	Scrap (purchased only):				
999811	Iron and steel	6,322.3	209.3	5,116.5	170.2
999808	Aluminum and aluminum-base alloy	(1)	(1)	(D)	(D)
999812	Copper and copper-base alloy	2.2	1.6	1.2	0.6
144503	Sand	3,477.9	22.5		
325501	Clay Refractories	(NA)	6.6		
329701	Nonclay Refractories	(NA)	4.2	(X)	128.1
970099	All other materials and components, parts, containers, and supplies consumed (excluding coal and coke)	(X)	340.9		
976000	Materials, containers, and supplies, n.s.k.[1]	(X)	66.8	(X)	38.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See appendix, Explanation of Terms)

Code	Material	1967 Quantity (1,000 short tons)	1967 Delivered cost (million dollars)	1963 Quantity (1,000 short tons)	1963 Delivered cost (million dollars)
	INDUSTRY 3322.--MALLEABLE IRON FOUNDRIES				
	Materials, containers, and supplies, total	(X)	117.5	(X)	92.8
331051	Pig iron (excluding silvery iron)	135.5	8.1	119.0	7.1
	Nonferrous metals, alloys and ferroalloys (ingot, pig, shot etc.):				
333404	Aluminum, unalloyed	2.0	1.0	1.1	0.5
333405	Aluminum-base alloys				
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.)	(1)	(1)	0.6	0.4
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)				
333348	Zinc and zinc-base alloys	0.8	0.2	0.5	0.1
331312	Ferromanganese	7.4	1.3	5.4	0.9
331309	Other ferroalloys, including silvery iron	63.0	7.6	94.7	8.7
	Scrap (purchased only):				
999811	Iron and steel	783.4	24.5	781.0	24.4
999808	Aluminum and aluminum-base alloy	(1)	(1)	(D)	(D)
999812	Copper and copper-base alloy	(1)	(1)	(D)	(D)
333973	Magnesium and magnesium-base alloys	(1)	(1)		
144503	Sand	429.7	2.7		
325501	Clay refractories	34.3	1.8	(X)	48.2
329701	Nonclay refractories	(NA)	0.7		
970099	All other materials and components, parts, containers, and supplies consumed (excluding coal and coke)[1]	(X)	60.4		
976000	Materials, containers, and supplies, n.s.k.[1]	(X)	9.2	(X)	2.4
	INDUSTRY 3323.--STEEL FOUNDRIES				
	Materials, containers and supplies, total	(X)	344.4	(X)	235.3
331051	Pig iron (excluding silvery iron)	129.9	7.9	129.7	8.6
	Nonferrous metals, alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed	6.1	2.7	1.3	0.6
333405	Aluminum-base alloys	(1)	(1)	0.9	0.4
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.)	(1)	(1)	0.2	0.1
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)	(1)	(1)	1.5	1.0
333973	Magnesium and magnesium-base alloy	(1)	(1)	(D)	(D)
331312	Ferromanganese	27.4	4.8	22.4	4.1
331309	Other ferroalloys, including silvery iron	58.0	19.9	50.5	15.4
	Scrap (purchased only):				
999811	Iron and steel	1,707.0	55.3	1,204.6	38.5
999808	Aluminum and aluminum-base alloy	(1)	(1)	(NA)	0.8
999812	Copper and copper-base alloy	(1)	(1)	0.1	(Z)
144503	Sand	1,614.2	14.7		
325501	Clay refractories	(NA)	3.7		
329701	Nonclay refractories	(NA)	2.9	(X)	48.2
970099	All other materials and components, parts, containers, and supplies consumed (excluding coal and coke)	(X)	251.0		
976000	Materials, containers, and supplies, n.s.k.[1]	(X)	14.4	(X)	2.4

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See appendix, Explanation of Terms)

Code	Item	Unit of measure	Gray iron foundries (SIC 3321)	Malleable iron foundries (SIC 3322)	Steel foundries (SIC 3323)
	Cost of purchased fuels and electric energy, total....	Million dollars...	102.7	20.4	43.0
	Cost of purchased fuels, total.....	...do.....	70.7	12.7	16.8
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons..	153.4	167.8	98.4
	Cost.....	Million dollars...	1.6	2.1	1.0
331212	Coke, screenings, and breeze:				
	Quantity.....	1,000 short tons..	1,175.6	137.3	13.6
	Cost.....	Million dollars...	42.3	4.8	0.5
	Fuel oil, total:				
	Quantity.....	1,000 barrels.....	411.4	167.2	713.1
	Cost.....	Million dollars...	1.7	0.7	2.7
291141	Distillate:				
	Quantity.....	1,000 barrels.....	346.7	133.4	431.4
	Cost.....	Million dollars...	1.5	0.6	1.7
291151	Residual:				
	Quantity.....	1,000 barrels.....	64.7	33.8	281.7
	Cost.....	Million dollars...	0.2	0.1	1.0
131300	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Mil. cu. ft.....	25,778.2	8,822.2	20,423.6
	Cost.....	Million dollars...	13.9	4.4	10.8
960013	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	2.0	0.2	1.0
	Fuels, n.s.k.....	...do.....	9.2	0.5	0.8
	Purchased electric energy:				
	Quantity.....	Mil. kw.-hrs.....	2,805.5	779.1	2,232.8
	Cost.....	Million dollars...	32.0	7.7	26.2
	Quantity of electric energy generated less quantity sold..	Mil. kw.-hrs.....	151.3	19.9	7.2
	Total energy used for heat and power[1].....	Mil. kw.-hrs. equivalent.....	27,921.5	6,459.3	11,388.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3321	GRAY IRON FOUNDERIES										
	ENTIRE INDUSTRY	1 061	138.0	965.3	119.3	242.3	780.2	1 543.1	1 075.3	2 637.8	196.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	995	125.7	880.7	109.0	219.6	714.7	1 406.1	963.2	2 387.8	145.0
33211	MOLDS FOR HEAVY STEEL INGOTS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	13	3.0	22.5	2.5	4.9	17.9	45.8	85.0	129.7	2.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	10	2.6	19.9	2.2	4.3	15.8	40.1	79.5	119.2	2.7
33212	CAST IRON PRESSURE PIPE AND FITTINGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	31	12.0	83.9	10.0	21.9	66.1	151.7	176.5	333.0	12.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	19	5.6	37.4	4.5	9.0	28.5	71.1	91.8	165.8	6.5
33213	CAST IRON SOIL PIPE AND FITTINGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	25	10.8	59.2	9.6	18.3	49.6	87.5	94.2	187.4	6.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	21	10.0	54.8	8.8	16.8	46.0	82.2	88.9	176.0	6.1
33214	ALL OTHER GRAY IRON CASTINGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	697	104.6	756.0	90.4	184.1	610.6	1 182.8	680.1	1 873.2	131.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	624	94.4	690.9	81.9	166.4	560.5	1 077.9	611.6	1 699.7	122.0
3323	STEEL FOUNDERIES										
	ENTIRE INDUSTRY	296	69.2	488.0	57.6	116.8	379.2	791.4	413.8	1 213.2	56.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	261	58.6	410.3	48.9	99.7	320.9	675.9	339.9	1 023.9	48.5
33231	STEEL INVESTMENT CASTINGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	63	10.2	64.8	8.4	18.3	48.4	120.9	60.4	181.8	11.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	43	8.5	53.8	7.0	15.2	39.9	100.9	50.4	151.9	10.6
33232	OTHER CARBON STEEL CASTINGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	109	38.0	274.7	31.7	63.8	216.1	437.8	222.3	662.7	25.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	80	24.2	171.9	20.6	41.8	139.6	286.3	141.3	429.7	16.4
33233	OTHER ALLOY STEEL CASTINGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	72	19.2	136.9	16.1	31.6	105.8	214.6	122.1	341.8	18.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	45	9.8	68.9	8.1	16.1	52.7	107.4	68.0	177.8	9.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms, for discussion of items.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 9. Establishments and Production Workers for Selected Metalworking Operations: 1967

(To be published in a seperate subject chapter titled "Selected Metalworking Operation"

SMELTING AND REFINING OF NONFERROUS METALS AND ALLOYS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3331--Primary Smelting and Refining of Copper
3332--Primary Smelting and Refining of Lead
3333--Primary Smelting and Refining of Zinc
3334--Primary Production of Aluminum
3339--Primary Smelting and Refining of Nonferrous Metals, Not Elsewhere Classified
3341--Secondary Smelting and Refining of Nonferrous Metals

Industries in this group produce primary and secondary nonferrous metals and alloys from ores and concentrates and from scrap. The five primary industries (3331 to 3339) are chiefly engaged in extracting metals from ores, concentrates, precipitates, etc. They include (1) establishments which perform smelting operations only and produce metals such as blister copper and lead base bullion, that are not yet of commercial grades; (2) establishments which refine the products of the smelters and produce commercially pure metal; and (3) those which produce refined metals from the ores and concentrates in a single continuous operation. These industries do not include milling or concentrating operations since these are generally located at mine sites and are considered as mineral operations rather than manufacturing activities. Such operations are covered in the 1967 Census of Mineral Industries (Major Group 10--Metal Mining). Also excluded are establishments which produce alumina from bauxite and those which process ores and concentrates primarily for the purpose of producing chemicals, such as zinc oxide. Such establishments are included in the chemical group of manufacturing industries. Primary smelters and refiners may also produce considerable quantities of such chemicals as sulfuric acid, zinc oxide, etc.

Inasmuch as many of the companies in the smelting and refining field operate their own mines and milling and concentrating plants, it has been difficult to establish a satisfactory value of the ore or concentrate transferred from the mine to the smelter. In an effort to achieve uniformity and to conform to reporting by smelters purchasing ore from other companies, the instructions accompanying the 1967 and 1963 report forms specified that such transfers should be reported at an approximate commercial value. In practice, this instruction was not feasible in all cases. In some instances there does not exist a comparable commercial form of the ore or concentrate transferred and in others, to convert to an approximate commercial value would have been unrealistic in view of the actual operations of the various establishments of an integrated company.

Since censuses of manufactures and of mineral industries were being conducted at the same time for 1967 and 1963, it was possible to check the reasonableness of the values of ores and concentrates transferred from mine and mill to smelter as reported by integrated companies. In a number of instances, the value f.o.b. mine and mills reported on the minerals form exceeded the cost of this material shown as an input on the manufactures report, whereas the latter figure should exceed the mine value by approximately the transportation and handling costs. In such cases, the respondent was queried and more reasonable value and cost figures were obtained. These adjustments usually resulted in increased cost figures on the manufactures report, and consequently, reduced the computed "value added by manufacture."

In addition to the integration of mine and smelter, some companies operate both smelting and refining facilities while some are fully integrated from mine through refinery. The transfer of blister copper to refineries operated by the same company was often reported at other than commercial value for the reasons cited above. However, inasmuch as both the smelter and refinery are classified in the same industry, these estimated value figures do not cause a distortion of "value added" for the industry as a whole. However, the commodity data on shipments of smelter product and materials data on the consumption of these items are affected. For the copper industry, separate data are shown below for smelters and for refineries. These data must also be interpreted in the light of these limitations.

While a few companies transfer their refined product to fabricating plants under their own ownership, the effect of transfer values on the total figures is much less in this area. Often, while the refinery and fabricating plants may be under the same general financial control, the organizations are so distinct that the transfer of materials is made on the same basis as a commercial transaction.

For industries 3331 to 3339, toll processing is a particularly important activity and a considerable portion of the metal produced is handled on this basis, i.e., is processed by the smelter or the refinery for the owner of the metal for a fee. The fee may be a money payment or may be a combination of a money payment and a provision that the processing plant keep some of the metal. For both the 1967 and 1963 censuses of manufactures, no distinction was made between the plant's shipments of products produced from its own material and the shipments of metal retained as part of the fee for toll processing. However, separate data were reported for the metal returned to toll customers and for the fees received for toll processing.

Data on the tonnages of metals produced by plants engaged in primary smelting and refining of nonferrous metals are published annually by the Bureau of Mines of the U.S. Department of Interior in its Mineral Yearbook. Minor variations exist between the data shown here and those published by the Bureau of Mines. In addition to minor differences occurring from the submittal of separate reports to different agencies, reasons for the variation are the use by the Bureau of the Census of gross weight as contrasted with metal content by the Bureau of Mines for some metals and adjustments made by the Bureau of Mines for the amount of metal estimated as produced from scrap instead of ores or concentrates.

In general, the same definitions were used by the Bureau of the Census in the collection of product statistics as are used by the Bureau of Mines. In particular, it might be noted that the tonnages of refined lead and copper, produced by plants making refined lead and copper directly from ores and concentrates, are included in the lead base bullion and blister copper figures to arrive at a balance between the blister copper and refined copper figures and base bullion and refined lead figures. These tonnages have been considered as blister copper and lead base bullion produced and consumed in the same plant.

The production and shipments data shown in table 6A represent total production from materials of both domestic and foreign sources. The production and shipment figures shown for primary smelters and refiners include the production from scrap as well as from primary sources such as ores, concentrates, etc. A measure of the extent of secondary production by primary smelters and refiners is shown in table 7A which contains information on the quantity of scrap consumed. Also, a certain amount of the duplication arises if the data shown in table 6A for unalloyed and alloyed metals are combined in that unalloyed metals are consumed by secondary smelters in producing metal alloys. This duplication can be measured by reference to the quantities of unalloyed metal consumed by secondary plants shown in table 7A.

Data on the production of selected nonferrous metals by industry are presented in table 6A. These production data include quantities produced for sale, for interplant transfer, and for further consumption within the producing plant as well as toll production. However, the coverage ratios shown in table 5A are based on dollar value of shipments (including transfers to other plants of the company) but exclude the value of nonferrous metals produced and consumed within the same plant as well as shipments of metals produced for other companies on a toll basis.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as a secondary product by establishments classified in other industries.

3331--PRIMARY SMELTING AND REFINING OF COPPER

This industry comprises establishments primarily engaged in smelting copper from the ore, and in refining copper by electrolytic or other processes. Establishments primarily engaged in rolling, drawing, or extruding copper are classified in industry 3351. For a detailed list of products of industry 3331, refer to table 6A, product codes 3331111 to 3331215.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Inasmuch as this industry includes both establishments smelting copper from ore, concentrates, etc., and establishments refining copper by electrolytic or other processes, the total cost of materials and the total value of shipments for this industry include extensive duplication resulting from the use of the products of the smelters as materials for the refiners. Thus, the value of blister copper, which represents an intermediate stage in the production of refined copper, appears twice in the total value of shipments and a corresponding duplication enters into the total cost of materials.

This problem of duplication is largely eliminated by treating smelters and refiners separately and by presenting individual figures for each group. The following table shows separate general statistics--employment, value added, value of shipments, etc., for the smelters and for the refiners of copper. In order to have the necessary data to prepare this table, where the smelting and refining operations at a single location are distinctly separate stages in the production of the metal, separate reports for smelting and refining departments were obtained. When separate smelting and refining stages are not necessary, such as in the case with copper produced by leaching and the production of Lake Superior copper, the establishments have been classified as refiners.

The specialization and coverage ratios for industry 3331 have not been calculated because there is extensive duplication. This duplication is the result of products of some establishments being used as materials by other establishments in the same industry.

Value of shipments and other receipts of the Primary Copper Industry in 1967 totaled $1,184 million. This included shipments of primary copper (primary products), valued at $1,019 million, shipments of other products (secondary products) valued at $82 million, and miscellaneous receipts (mainly contract work on materials owned by others) of $84 million.

GENERAL STATISTICS FOR PRIMARY COPPER SMELTERS AND REFINERS: 1967 AND 1963

Item	1967		1963	
	Smelters	Refiners	Smelters	Refiners
Establishments.....number..	15	17	17	16
All employees:				
Total.....1,000..	5.0	6.6	5.3	9.7
Payroll..... Million dollars..	34.5	46.1	34.6	61.6
Production and related workers:				
Total.....1,000..	4.0	5.2	4.5	8.2
Man-hours.....Millions..	7.8	10.3	9.1	16.7
Wages..... Million dollars..	25.7	35.3	27.9	50.1
Value added by manufacture.....do..	130.8	131.8	126.3	159.2
Cost of materials, fuel, electricity, contract work, and resales.....do..	460.2	474.8	538.7	431.3
Value of shipments.....do..	587.6	596.5	653.6	591.8

3332--PRIMARY SMELTING AND REFINING OF LEAD

This industry comprises establishments primarily engaged in smelting lead from the ore, and in refining lead by any process. Establishments primarily engaged in rolling, drawing, or extruding lead are classified in industry 3356. For a detailed list of products of industry 3332, refer to table 6A, product codes 3332111 to 3332398.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

The specialization and coverage ratios for industry 3332 have not been calculated because there is extensive duplication. This duplication is the result of products of some establishments being used as materials by other establishments in the same industry.

Value of shipments and other receipts of the Primary Lead Industry in 1967 totaled $304 million.

3333--PRIMARY SMELTING AND REFINING OF ZINC

This industry comprises establishments primarily engaged in smelting zinc from the ore, and in refining zinc by any process. Establishments primarily engaged in rolling, drawing, or extruding zinc are classified in industry 3356. For a detailed list of products of industry 3333, refer to table 6A, product codes 3333111 to 3333461.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Primary Zinc Industry in 1967 totaled $333 million. This included shipments of primary zinc, valued at $275 million, shipments of other products (secondary products) valued at $36 million, and miscellaneous receipts of $22 million.

This industry's shipments of primary zinc in 1967 represented 88 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 92 percent. Secondary products shipped by this industry in 1967 included industrial inorganic chemicals, n.e.c. ($8 million).

Industry 3333 shipments of primary zinc (primary products) in 1967 represented 81 percent (coverage ratio) of these products valued at $339 million shipped by all industries. In 1963, the coverage ratio was also 81 percent. Other industries shipping refined zinc (primary products) consisted mainly of industry 3341, Secondary Nonferrous Metals, $52 million.

3334--PRIMARY PRODUCTION OF ALUMINUM

This industry comprises establishments primarily engaged in producing aluminum from alumina, and in refining aluminum by any process. Establishments primarily engaged in rolling, drawing, or extruding aluminum are classified in industry 3352. For a detailed list of products of industry 3334, refer to table 6A, product codes 3334711 to 3334811.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Primary Aluminum Industry in 1967 totaled $1,609 million. This included shipments of primary aluminum (primary products), valued at $1,536 million, shipments of other products (secondary products) valued at $44 million, and miscellaneous receipts of $29 million.

This industry's shipments of primary aluminum (primary products) in 1967 represented 97 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 100 percent.

Industry 3334, shipments of primary aluminum (primary products) in 1967 represented 78 percent (coverage ratio) of these products valued at $1,964 million shipped by all industries. In 1963, the coverage ratio was 75 percent. Other industries shipping aluminum ingot and extrusion billet (primary products) consisted mainly of industry 3341, Secondary Nonferrous Metals, $326 million; and industry 3352, Aluminum Rolling and Drawing, $86 million.

3339--PRIMARY SMELTING AND REFINING OF NONFERROUS METALS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in smelting and refining nonferrous metals, not elsewhere classified. Establishments primarily engaged in rolling, drawing, and extruding these nonferrous primary metals are classified in industry 3356, and the production of bullion at the site of the mine is classified in the mining industries. For a detailed list of products of industry 3339, refer to table 6A, product codes 3339511 to 3339792.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Primary Nonferrous Metals, N.E.C., Industry in 1967 totaled $284 million. This included shipments of primary nonferrous metals, n.e.c. (primary products), valued at $246 million, shipments of other products (secondary products) valued at $27 million, and miscellaneous receipts (mainly resales) of $11 million.

This industry's shipments of primary nonferrous metals, n.e.c. (primary products) in 1967 represented 87 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 83 percent.

Industry 3339 shipments of primary nonferrous metals, n.e.c. (primary products) in 1967 represented 40 percent (coverage ratio) of these products valued at $619 million shipped by all industries. In 1963, the coverage ratio was 39 percent. Other industries shipping primary nonferrous metals, n.e.c. (primary products) included industry 3341, Secondary Nonferrous Metals, $174 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3339, these establishments accounted for less than 1 percent of payroll and less than 1 percent of value added by manufacture.

3341--SECONDARY SMELTING AND REFINING OF NONFERROUS METALS

This industry comprises establishments primarily engaged in recovering nonferrous metals and alloys from new and used scrap and dross, but which are not engaged in further fabrication. This industry includes establishments engaged in both the recovering and alloying of precious metals. Plants engaged in the recovery of tin through secondary smelting and refining, as well as by chemical processes, are included in this industry. Establishments primarily engaged in assembling, sorting, and breaking up scrap metal, without smelting and refining are classified in trade industries. For a detailed list of products of industry 3341, refer to table 6A, product codes 3341211 to 3341811.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Secondary Nonferrous Metals Industry in 1967 totaled $1,586 million. This included shipments of secondary nonferrous metals (primary products), valued at $1,080 million, shipments of other products (secondary products) valued at $135 million, and miscellaneous receipts (mainly resales) of $371 million.

This industry's shipments of secondary nonferrous metals (primary products) in 1967 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 94 percent.

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 29 percent of the total industry shipments are represented by plants specializing in product class 33412, Secondary copper; and 23 percent in 33417, Aluminum ingot.

Industry 3341 shipments of secondary nonferrous metals (primary products) in 1967 represented 26 percent (coverage ratio) of these products valued at $4,134 million shipped by all industries. In 1963, the coverage ratio was also 26 percent.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3341, these establishments accounted for 1 percent of payroll and 1 percent of value added by manufacture. Industries 3331, 3332, 3333 and 3334 had no such cases.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials[1]	Value of shipments[2]	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 3331.--PRIMARY COPPER													
1967 Census....	32	32	11.6	80.6	9.2	18.1	61.0	262.6	935.0	1,184.1	51.7	188.8	(NA)	NA
1966 ASM[1].....	(NA)	(NA)	15.8	113.7	13.4	27.8	91.9	362.5	1,349.0	1,701.1	39.9	156.5	NA	NA
1965 ASM[1].....	(NA)	NA	15.2	105.1	13.1	26.8	85.1	316.9	1,307.4	1,584.4	16.7	145.6	NA	NA
1964 ASM[1].....	(NA)	(NA)	14.9	96.4	12.7	25.1	77.7	255.9	1,076.7	1,363.5	9.2	133.7	NA	NA
1963 Census....	33	33	14.9	96.1	12.7	25.8	77.9	285.5	970.0	1,245.5	13.1	166.4	(NA)	NA
1962 ASM[1].....	NA	NA	15.3	95.9	12.8	26.0	75.7	246.7	961.1	1,207.1	10.4	152.1	NA	NA
1961 ASM[1].....	NA	(NA)	15.4	92.8	12.9	26.0	72.4	217.0	922.7	1,168.6	15.1	146.7	NA	NA
1960 ASM[1].....	(NA)	NA	16.1	93.8	13.8	27.5	74.0	243.4	924.4	1,134.3	10.3	171.8	(NA)	(NA)
1959 ASM[1].....	(NA)	NA	13.1	66.8	11.0	20.4	52.7	166.1	520.9	712.0	9.8	126.7	NA	(NA)
1958 Census[2]...	31	30	14.7	77.4	12.4	24.8	61.6	166.2	687.5	861.1	19.3	148.3	NA	NA
	INDUSTRY 3332.--PRIMARY LEAD													
1967 Census....	19	18	2.7	18.9	2.1	4.3	13.3	48.3	270.8	304.0	18.5	93.5	(NA)	(NA)
1966 ASM[1].....	(NA)	(NA)	2.8	18.7	2.3	4.8	14.3	65.0	309.7	367.4	12.0	73.3	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	2.6	16.6	2.2	4.4	12.6	53.0	296.8	342.2	5.3	64.9	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	2.6	16.4	2.2	4.4	12.3	47.0	286.2	327.3	1.5	56.8	(NA)	(NA)
1963 Census....	10	10	2.6	15.0	2.1	4.1	11.2	24.9	228.9	265.1	1.0	50.0	(NA)	(NA)
1962 ASM[1].....	(NA)	(NA)	2.5	14.6	2.1	4.1	10.9	32.1	230.4	268.8	1.4	62.5	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	2.7	15.4	2.2	4.5	11.5	28.9	251.7	283.0	1.7	68.0	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	2.8	15.7	2.2	4.6	11.6	40.1	281.5	316.7	0.9	69.5	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	2.6	13.8	2.0	3.9	9.7	32.0	177.8	208.9	*0.3	66.0	(NA)	(NA)
1958 Census[2]...	13	13	3.6	18.2	2.9	5.7	13.6	36.3	292.5	316.9	0.7	66.5	(NA)	(NA)
	INDUSTRY 3333.--PRIMARY ZINC													
1967 Census....	18	18	8.1	57.8	6.4	13.5	42.9	119.5	220.8	332.8	25.8	59.5	88	81
1966 ASM[1].....	(NA)	(NA)	8.6	57.8	7.0	14.4	43.5	133.8	255.4	379.9	18.9	49.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	8.4	53.5	6.9	14.0	40.6	126.7	226.4	356.1	7.3	40.1	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	8.6	51.9	7.1	14.4	39.9	143.3	188.2	336.9	5.1	38.6	(NA)	(NA)
1963 Census....	18	18	8.1	47.8	6.6	13.2	36.2	98.8	173.5	281.5	4.7	46.0	92	81
1962 ASM[1].....	(NA)	(NA)	8.4	48.5	6.9	14.3	36.9	76.3	177.2	258.5	4.5	59.3	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	8.4	46.9	6.7	14.3	35.7	84.2	165.5	257.4	2.7	64.0	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	8.6	47.7	6.7	14.1	34.4	94.6	168.6	252.4	3.0	74.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	8.6	45.5	6.8	14.4	33.7	80.6	153.1	236.4	4.1	61.7	(NA)	(NA)
1958 Census[2]...	20	20	8.9	44.1	7.0	13.8	32.6	71.7	140.2	209.0	13.4	62.0	90	76
	INDUSTRY 3334.--PRIMARY ALUMINUM													
1967 Census....	25	24	23.8	190.9	19.2	38.4	145.2	811.8	841.6	1,608.7	151.7	176.8	97	78
1966 ASM[1].....	(NA)	(NA)	21.1	168.1	17.1	34.7	127.4	725.1	776.1	1,496.2	65.8	113.2	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	20.7	156.5	16.8	33.5	119.9	634.9	707.9	1,364.7	60.5	109.3	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	20.3	146.6	16.7	32.0	111.9	549.2	653.2	1,191.4	51.8	129.6	(NA)	(NA)
1963 Census....	23	22	18.1	134.1	14.5	29.5	101.4	499.6	571.9	1,090.0	62.2	106.5	100	75
1962 ASM[1].....	(NA)	(NA)	17.2	125.6	13.7	27.9	94.6	472.0	521.8	1,014.9	10.8	124.0	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	16.2	117.2	12.7	26.1	86.2	454.2	489.1	953.9	19.3	139.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	17.8	124.0	14.1	29.1	92.5	472.7	503.1	921.2	26.6	157.0	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	18.0	122.6	14.4	30.0	92.6	459.3	476.7	953.8	38.5	101.0	(NA)	(NA)
1958 Census[2]...	20	20	17.4	111.6	13.4	27.7	82.7	383.8	411.8	808.8	142.3	111.3	100	76
	INDUSTRY 3339.--PRIMARY NONFERROUS METALS, N.E.C.													
1967 Census....	50	29	7.2	56.9	5.2	11.2	38.1	139.3	158.1	284.4	25.1	73.2	87	40
1966 ASM[1].....	(NA)	(NA)	7.0	53.5	5.3	11.3	37.1	129.5	183.8	309.2	31.0	62.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	5.9	42.6	4.5	9.4	29.5	100.9	143.6	246.8	19.8	57.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	4.5	31.9	3.4	7.3	22.6	93.7	115.4	204.4	9.2	59.6	(NA)	(NA)
1963 Census....	35	26	5.1	34.8	3.8	8.1	24.7	103.8	115.5	212.2	6.4	55.8	83	39
1962 ASM[1].....	(NA)	(NA)	4.9	30.7	3.7	7.6	22.2	93.4	80.6	169.7	6.4	47.3	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	4.0	24.6	3.0	6.4	18.5	82.4	65.1	148.5	13.7	34.2	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	4.1	26.4	3.2	7.0	19.6	90.0	68.1	149.2	11.5	34.3	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	2.7	17.3	1.9	4.3	11.9	54.5	45.3	99.2	*13.1	18.6	(NA)	(NA)
1958 Census[2]...	29	18	2.7	15.9	1.9	4.0	10.7	50.5	42.1	96.6	4.0	17.4	92	24

See footnotes at end of table.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 3341.--SECONDARY NONFERROUS METALS													
1967 Census....	403	182	17.2	122.8	12.8	26.6	78.4	271.2	1,314.0	1,586.0	23.6	174.6	89	26
1966 ASM[1].....	NA	(NA)	16.8	116.9	12.5	26.3	74.4	293.3	1,409.9	1,709.2	29.6	172.2	NA	NA
1965 ASM[1].....	NA	NA	16.1	107.9	11.8	24.9	68.0	240.1	1,252.4	1,493.6	27.6	165.1	NA	NA
1964 ASM[1].....	NA	NA	16.5	110.9	11.9	25.9	70.0	265.6	1,027.2	1,290.6	17.2	156.5	NA	NA
1963 Census....	459	179	15.4	96.3	11.3	23.8	60.5	228.2	823.1	1,045.5	17.9	143.1	94	26
1962 ASM[1].....	NA	NA	15.7	99.0	12.4	26.4	64.6	188.8	781.9	971.8	*10.4	121.0	NA	NA
1961 ASM[1].....	(NA)	NA	15.8	97.1	12.4	26.9	62.8	180.8	782.0	957.8	14.9	131.0	NA	NA
1960 ASM[1].....	NA	NA	16.5	94.4	12.7	27.6	59.3	167.5	749.4	923.1	10.0	119.9	NA	NA
1959 ASM[1].....	NA	NA	16.2	89.1	12.6	26.3	55.9	166.7	754.3	906.1	7.5	124.6	NA	NA
1958 Census[2]...	387	152	14.4	75.7	10.8	21.2	46.9	147.3	581.6	724.0	5.4	105.3	93	30

Note: In 1967, 1963, and 1958, the number of companies in industry 3331 was 11, 13, and 11, respectively; in industry 3332: 10, 6, and 5; industry 3333: 11, 11, and 11; industry 3334: 8, 7, and 6; industry 3339: 41, 32, and 24; industry 3341: 351, 406, and 349. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. *These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

[3]The value of shipments and cost of materials for this industry include substantial duplication.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

See Appendix, Explanation of Terms

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3331.--PRIMARY COPPER								
1967 Census	6,948	79	1,967	3.37	.79	.86	22,638	31	11.51
1966 ASM	7,217	85	2,075	3.30	.79	.86	23,004	31	13.02
1965 ASM	6,907	86	2,049	3.18	.81	.87	20,817	33	11.84
1964 ASM	6,468	86	1,966	3.10	.79	.86	17,169	38	10.21
1963 Census	6,431	85	2,033	3.02	.78	.86	19,099	34	11.05
1962 ASM	6,285	84	2,031	2.91	.80	.88	16,168	39	9.49
1961 ASM	6,025	84	2,016	2.79	.79	.87	14,082	43	8.35
1960 ASM	5,821	86	1,987	2.69	.81	.90	15,099	39	8.86
1959 ASM	5,079	84	1,852	2.59	.73	.83	12,635	40	8.15
1958 Census	5,256	84	2,001	2.49	.80	.89	11,290	47	6.70
	INDUSTRY 3332.--PRIMARY LEAD								
1967 Census	7,000	78	2,048	3.09	.89	.95	17,889	39	11.23
1966 ASM	6,734	85	2,033	3.01	.84	.89	23,440	29	13.63
1965 ASM	6,351	83	2,003	2.87	.87	.92	20,216	31	12.10
1964 ASM	6,284	83	2,038	2.78	.87	.92	18,026	35	10.61
1963 Census	5,817	82	1,932	2.72	.86	.92	9,649	60	6.06
1962 ASM	5,830	82	1,973	2.68	.86	.91	12,778	46	7.90
1961 ASM	5,727	82	2,017	2.58	.89	.94	10,776	53	6.50
1960 ASM	5,722	80	2,069	2.54	.89	.94	14,585	39	8.76
1959 ASM	5,311	78	1,948	2.48	.85	.92	12,300	43	8.14
1958 Census	5,103	80	1,986	2.39	.92	.98	10,195	50	6.39
	INDUSTRY 3333.--PRIMARY ZINC								
1967 Census	7,123	80	2,077	3.18	.66	.84	14,753	48	8.85
1966 ASM	6,749	82	2,042	3.02	.67	.82	15,611	43	9.29
1965 ASM	6,336	82	2,015	2.91	.64	.79	15,011	42	9.08
1964 ASM	6,021	82	2,022	2.78	.56	.71	16,626	36	9.97
1963 Census	5,922	82	2,014	2.74	.62	.79	12,249	48	7.46
1962 ASM	5,744	82	2,077	2.58	.69	.87	9,030	64	5.33
1961 ASM	5,606	81	2,116	2.50	.64	.83	10,071	56	5.91
1960 ASM	5,555	78	2,105	2.44	.67	.86	11,024	50	6.70
1959 ASM	5,275	79	2,117	2.33	.65	.84	9,343	56	5.58
1958 Census	4,940	78	1,970	2.37	.67	.88	8,030	62	5.20
	INDUSTRY 3334.--PRIMARY ALUMINUM								
1967 Census	8,021	81	2,000	3.78	.52	.64	34,109	24	21.14
1966 ASM	7,952	81	2,036	3.67	.52	.63	34,296	23	20.89
1965 ASM	7,576	81	2,000	3.57	.52	.63	30,722	25	18.93
1964 ASM	7,209	82	1,919	3.49	.55	.67	27,012	27	17.14
1963 Census	7,396	80	2,039	3.44	.52	.65	27,551	27	16.94
1962 ASM	7,292	79	2,042	3.39	.51	.64	27,407	27	16.90
1961 ASM	7,231	78	2,062	3.30	.51	.64	28,036	26	17.41
1960 ASM	6,945	79	2,063	3.18	.55	.68	26,485	26	16.23
1959 ASM	6,813	80	2,090	3.09	.50	.63	25,520	27	15.30
1958 Census	6,420	77	2,066	2.98	.51	.65	22,084	29	13.84
	INDUSTRY 3339.--PRIMARY NONFERROUS METALS, N.E.C.								
1967 Census	7,903	72	2,154	3.40	.56	.76	19,347	41	12.44
1966 ASM	7,690	76	2,136	3.29	.59	.77	18,625	41	11.49
1965 ASM	7,215	76	2,095	3.13	.58	.75	17,086	42	10.69
1964 ASM	7,132	76	2,134	3.11	.56	.72	20,959	34	12.89
1963 Census	6,873	75	2,154	3.03	.54	.71	20,504	34	12.74
1962 ASM	6,293	75	2,091	2.90	.47	.66	19,114	33	12.22
1961 ASM	6,084	75	2,139	2.87	.44	.60	20,411	30	12.78
1960 ASM	6,427	79	2,149	2.82	.46	.63	21,908	29	12.94
1959 ASM	6,514	73	2,203	2.79	.46	.63	20,573	32	12.75
1958 Census	5,997	72	2,071	2.70	.44	.60	18,997	32	12.70
	INDUSTRY 3341.--SECONDARY NONFERROUS METALS								
1967 Census	7,140	74	2,078	2.95	.83	.91	15,767	45	10.20
1966 ASM	6,969	74	2,111	2.82	.82	.89	17,485	40	11.14
1965 ASM	6,715	73	2,107	2.74	.84	.91	14,938	45	9.66
1964 ASM	6,733	72	2,185	2.70	.80	.88	16,123	42	10.26
1963 Census	6,235	73	2,098	2.54	.79	.88	14,774	42	9.60
1962 ASM	6,302	79	2,122	2.45	.80	.91	12,015	52	7.16
1961 ASM	6,139	78	2,177	2.34	.82	.92	11,429	54	6.72
1960 ASM	5,714	77	2,180	2.15	.81	.91	10,134	56	6.07
1959 ASM	5,499	78	2,090	2.13	.83	.93	10,288	53	6.34
1958 Census	5,240	75	1,960	2.21	.80	.91	10,197	51	6.95

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3331-- PRIMARY COPPER													
UNITED STATES	32	32	11.6	80.6	9.2	18.1	61.0	262.6	935.0	1 184.1	51.7	14.9	285.5
NORTHEAST REGION	7	7	3.9	27.1	3.0	6.5	21.1	43.3	105.3	156.0	2.9	(D)	(D)
MIDDLE ATLANTIC DIVISION	6	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.0	47.4
NEW YORK	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA[e]	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	3	3	.5	2.9	.4	.8	2.5	10.9	64.1	74.5	1.1	(D)	(D)
EAST NORTH CENTRAL DIVISION	3	3	.5	2.9	.4	.8	2.5	10.9	64.1	74.5	1.1	(D)	(D)
ILLINOIS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MICHIGAN	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	5	5	2.1	15.2	1.7	3.5	11.4	32.3	128.9	153.8	12.4	(D)	(D)
SOUTH ATLANTIC DIVISION	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MARYLAND	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	17	17	5.2	35.3	4.1	7.3	26.0	176.1	636.7	799.8	35.3	6.9	186.5
MOUNTAIN DIVISION	15	15	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MONTANA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW MEXICO	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ARIZONA	8	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.4	57.0
UTAH	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEVADA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3332-- PRIMARY LEAD													
UNITED STATES	19	18	2.7	18.9	2.1	4.3	13.3	48.3	270.8	304.0	18.5	2.6	24.9
NORTHEAST REGION	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PENNSYLVANIA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NORTH CENTRAL REGION	8	7	1.0	6.6	.8	1.6	4.8	16.1	107.5	118.3	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	4	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST NORTH CENTRAL DIVISION	4	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MISSOURI	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEBRASKA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	6	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MOUNTAIN DIVISION	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
IDAHO	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
UTAH	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3333-- PRIMARY ZINC													
UNITED STATES	18	18	8.1	57.8	6.4	13.5	42.9	119.5	220.8	332.8	25.8	8.1	98.8
NORTHEAST REGION	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PENNSYLVANIA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ILLINOIS	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	7	7	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.5	48.2
SOUTH ATLANTIC DIVISION	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	6	6	3.2	21.0	2.9	5.8	18.2	43.0	80.7	123.1	(D)	(D)	(D)
OKLAHOMA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	25.2
TEXAS	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
3333-- PRIMARY ZINC --CON.													
WEST REGION	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MOUNTAIN DIVISION	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MONTANA	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
IDAHO	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
3334-- PRIMARY ALUMINUM													
UNITED STATES	25	24	23.8	190.9	19.2	38.4	145.2	811.8	841.7	1 608.7	151.7	18.1	499.6
NORTHEAST REGION	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
NEW YORK	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
NORTH CENTRAL REGION	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
INDIANA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
SOUTH REGION	11	11	12.8	100.9	10.4	20.3	77.1	450.9	431.2	864.6	37.2	(D)	(D)
SOUTH ATLANTIC DIVISION	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
NORTH CAROLINA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
EAST SOUTH CENTRAL DIVISION	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
ALABAMA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST SOUTH CENTRAL DIVISION	6	6	7.3	57.2	5.9	11.6	42.9	253.6	209.1	454.4	12.6	6.4	168.1
ARKANSAS	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
LOUISIANA	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
TEXAS	3	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST REGION	10	9	6.4	51.0	5.1	10.1	37.7	228.8	252.2	462.0	(D)	4.8	159.3
MOUNTAIN DIVISION	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MONTANA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
PACIFIC DIVISION	9	8	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	7	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
OREGON	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
3339-- PRIMARY NONFERROUS METALS, NEC													
UNITED STATES	50	29	7.2	56.9	5.2	11.2	38.1	139.3	158.1	284.4	25.1	5.1	103.8
NORTHEAST REGION	19	10	1.4	10.9	.9	2.1	6.8	29.1	68.5	91.0	2.6	1.1	26.9
NEW ENGLAND DIVISION	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MIDDLE ATLANTIC DIVISION	15	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PENNSYLVANIA	6	6	1.0	8.3	.7	1.5	5.0	15.2	25.1	38.4	(D)	[2] (D)	[2] (D)
NORTH CENTRAL REGION	6	4	.9	7.4	.6	1.4	5.0	9.3	21.3	29.5	3.7	(D)	(D)
EAST NORTH CENTRAL DIVISION	6	4	.9	7.4	.6	1.4	5.0	9.3	21.3	29.5	3.7	1.2	30.7
OHIO	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
SOUTH REGION	12	9	3.6	28.4	2.6	5.5	19.3	75.7	48.0	121.0	12.5	1.8	38.6
SOUTH ATLANTIC DIVISION	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST VIRGINIA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TENNESSEE	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
ALABAMA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST SOUTH CENTRAL DIVISION	7	6	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)
WEST REGION	13	6	1.3	10.2	1.0	2.2	7.1	25.1	20.3	42.8	6.4	1.0	7.6
MOUNTAIN DIVISION	4	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	9	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WASHINGTON	4	3	.3	1.9	.2	.4	1.5	3.4	4.2	7.0	(D)	[2] (D)	[2] (D)
OREGON	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2] (D)	[2] (D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3341-- SECONDARY NONFERROUS METALS													
UNITED STATES	403	182	17.2	122.8	12.8	26.6	78.4	271.2	1 314.0	1 586.0	23.6	15.4	228.2
NORTHEAST REGION	158	56	5.6	39.7	4.0	8.0	24.7	89.6	514.2	603.6	5.6	5.6	85.2
NEW ENGLAND DIVISION	32	9	.4	3.5	.3	.7	2.0	6.7	48.4	54.0	.3	.4	13.8
MASSACHUSETTS	16	7	.3	2.4	.2	.4	1.3	4.6	30.9	34.2	.2	[2](D)	[2] (D)
MIDDLE ATLANTIC DIVISION	126	47	5.1	36.2	3.7	7.3	22.7	82.8	465.8	549.5	5.3	5.3	71.5
NEW YORK	56	12	1.6	10.9	1.2	2.2	7.4	25.7	135.5	162.2	2.0	1.9	27.9
NEW JERSEY	35	16	1.6	12.0	1.1	2.3	7.2	34.3	184.0	217.5	1.8	1.7	18.7
PENNSYLVANIA	35	19	1.9	13.3	1.3	2.7	8.1	22.7	146.2	169.9	1.5	1.7	25.0
NORTH CENTRAL REGION	123	69	7.3	54.6	5.5	11.7	35.0	115.1	560.8	676.7	12.0	6.1	89.8
EAST NORTH CENTRAL DIVISION	108	60	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.6	84.7
OHIO	35	21	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	26.1
INDIANA	9	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.9	12.5
ILLINOIS	35	22	2.7	20.0	1.9	4.0	12.2	40.1	200.1	241.2	1.8	2.6	35.7
MICHIGAN[e]	21	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	8.0
WEST NORTH CENTRAL DIVISION	15	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.1
MISSOURI	8	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	2.5
KANSAS	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
SOUTH REGION	59	31	2.4	15.0	1.9	4.2	10.5	35.2	147.1	180.4	3.2	2.0	29.4
SOUTH ATLANTIC DIVISION	24	10	.9	5.9	.7	1.6	4.2	13.1	64.6	75.9	1.3	.8	13.7
DELAWARE	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2] (D)
MARYLAND	7	3	.2	1.3	.1	.3	.8	2.6	16.6	17.4	.1	.2	4.5
EAST SOUTH CENTRAL DIVISION	15	9	.7	4.0	.6	1.1	2.8	13.8	36.6	49.6	1.1	.4	4.8
ALABAMA	7	4	.4	2.5	.4	.7	1.9	7.1	21.9	28.4	(D)	.3	3.5
WEST SOUTH CENTRAL DIVISION	20	12	.8	5.1	.7	1.5	3.6	8.3	46.0	54.9	.7	.8	10.9
TEXAS	14	8	.6	3.8	.5	1.1	2.5	6.1	33.4	39.9	.6	.5	8.0
WEST REGION	63	26	1.9	13.3	1.3	2.7	8.2	31.3	91.8	125.3	2.8	1.8	23.7
PACIFIC DIVISION	50	24	1.7	12.6	1.2	2.5	7.7	29.5	88.4	120.0	2.8	1.7	22.8
CALIFORNIA	45	21	1.6	11.5	1.1	2.2	6.9	27.8	82.8	112.3	2.7	1.5	20.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated.

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250 to 499 employees
CC - 500 to 999 employees
EE - 1,000 to 2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Primary copper (SIC 3331)	Primary lead (SIC 3332)	Primary zinc (SIC 3333)	Primary aluminum (SIC 3334)	Primary nonferrous metals, n.e.c. (SIC 3339)	Secondary nonferrous metals (SIC 3341)
PRIMARY PRODUCT SPECIALIZATION RATIO[1]	([3])	([3])	.88	.97	.87	.89
COVERAGE RATIO[2]	([3])	([3])	.81	.78	.40	.26
ESTABLISHMENTS, TOTAL .NUMBER	32	19	18	25	50	403
WITH 1 TO 19 EMPLOYEES .DO	-	1	-	1	21	221
WITH 20 TO 99 EMPLOYEES .DO	6	6	4	0	15	134
WITH 100 EMPLOYEES OR MORE .DO	26	12	14	24	14	48
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	11.6	2.7	8.1	23.8	7.2	17.2
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	80.6	18.9	57.8	190.9	56.9	122.8
PRODUCTION WORKERS:						
AVERAGE FOR YEAR 1,000	9.2	2.1	6.4	19.2	5.2	12.8
MARCH .DO	13.7	2.7	7.3	18.7	5.3	12.9
MAY .DO	13.5	2.7	7.1	19.0	5.3	12.9
AUGUST .DO	5.4	1.5	5.9	19.7	5.2	12.7
NOVEMBER .DO	4.2	1.4	5.4	19.5	5.2	12.4
MAN-HOURS .MILLIONS	18.1	4.3	13.5	38.4	11.2	26.6
JANUARY-MARCH .DO	7.1	1.4	3.8	9.4	2.8	6.7
APRIL-JUNE .DO	7.1	1.4	3.7	9.6	2.8	6.7
JULY-SEPTEMBER .DO	2.2	.8	3.1	9.7	2.7	6.4
OCTOBER-DECEMBER .DO	1.6	.7	2.9	9.7	2.8	6.7
WAGES MILLION DOLLARS	61.0	13.3	42.9	145.2	38.1	78.4
COST OF MATERIALS, ETC., TOTAL .DO	935.0	270.8	220.8	841.6	158.1	1 314.0
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	904.8	262.6	189.1	637.4	135.7	1 012.9
COST OF RESALES .DO	(D)	(D)	(D)	(D)	2.5	273.8
FUELS CONSUMED .DO	14.9	6.0	14.4	33.2	4.3	12.7
PURCHASED ELECTRIC ENERGY .DO	6.6	1.1	8.5	143.6	11.3	4.7
CONTRACT WORK .DO	(D)	(D)	(D)	(D)	4.3	9.9
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	1 184.1	304.0	332.8	1 608.7	284.4	1 586.0
VALUE OF RESALES .DO	(D)	(D)	(D)	(D)	7.1	276.4
VALUE ADDED BY MANUFACTURE .DO	262.6	48.3	119.5	811.8	139.3	271.2
MANUFACTURERS' INVENTORIES:						
BEGINNING OF YEAR, TOTAL .DO	170.1	77.2	49.8	112.5	59.0	165.0
FINISHED PRODUCTS .DO	54.2	17.1	14.7	17.0	11.9	72.3
WORK IN PROCESS .DO	93.8	52.4	10.9	32.4	28.5	36.7
MATERIALS, SUPPLIES, FUEL, ETC. .DO	22.1	7.7	24.1	63.1	18.7	56.0
END OF YEAR, TOTAL .DO	188.8	93.5	59.5	176.8	73.2	174.6
FINISHED PRODUCTS .DO	35.8	17.2	19.8	52.4	18.3	68.0
WORK IN PROCESS .DO	125.7	67.4	13.4	41.7	35.1	40.2
MATERIALS, SUPPLIES, FUEL, ETC. .DO	27.4	8.9	26.3	82.7	19.8	66.4
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	51.7	18.9	25.8	162.6	25.3	24.3
NEW PLANT AND EQUIPMENT, TOTAL .DO	51.7	18.5	25.8	151.7	25.1	23.6
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	9.8	4.9	2.0	67.4	4.8	7.5
NEW MACHINERY AND EQUIPMENT .DO	41.9	13.7	23.7	84.3	20.3	16.1
USED PLANT AND EQUIPMENT .DO	(Z)	.3	(Z)	10.9	.2	.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of terms, for discussion of items.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2]The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

[3]Specialization and coverage ratios have not been calculated for industries 3331, Primary Copper, and 3332, Primary Lead, because the shipments of primary products for these industries contain extensive duplication.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3331-- PRIMARY COPPER											
ESTABLISHMENTS, TOTAL	32	11.6	80.6	9.2	18.1	61.0	262.6	935.0	1 184.1	51.7	188.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
20 TO 49 EMPLOYEES	2	.4	3.6	.4	.7	2.8	45.3	72.3	121.3	.4	7.0
50 TO 99 EMPLOYEES	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	9	1.5	10.0	1.3	2.5	8.2	39.2	225.9	250.7	9.6	38.5
250 TO 499 EMPLOYEES	8	2.8	19.8	2.3	4.2	14.7	66.8	326.9	394.6	4.8	58.2
500 TO 999 EMPLOYEES	8	6.9	47.1	5.3	10.7	35.2	111.3	309.9	417.4	36.9	84.9
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3332-- PRIMARY LEAD											
ESTABLISHMENTS, TOTAL	19	2.7	18.9	2.1	4.3	13.3	48.3	270.8	304.0	18.5	93.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	1	.2	1.4	.2	.4	.9	2.5	9.8	12.2	[2] 18.5	1.1
20 TO 49 EMPLOYEES	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	9	1.3	9.1	.9	1.8	5.8	27.2	165.2	182.4	(D)	51.7
250 TO 499 EMPLOYEES	3	1.2	8.5	1.0	2.1	6.7	18.6	95.8	109.5	(D)	40.6
3333-- PRIMARY ZINC											
ESTABLISHMENTS, TOTAL	18	8.1	57.8	6.4	13.5	42.9	119.5	220.8	332.8	25.8	59.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
20 TO 49 EMPLOYEES	2	.4	2.4	.3	.6	1.6	7.1	19.2	26.3	.1	3.1
50 TO 99 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES	6	2.2	15.9	1.9	4.2	13.6	21.8	61.8	81.4	10.4	19.9
500 TO 999 EMPLOYEES	6	5.5	39.5	4.2	8.7	27.6	90.7	139.7	225.0	15.2	36.4
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3334-- PRIMARY ALUMINUM											
ESTABLISHMENTS, TOTAL	25	23.8	190.9	19.2	38.5	145.2	811.8	841.6	1 608.7	151.7	176.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	1	1.1	9.4	.8	1.6	5.9	41.4	48.3	83.6	[2] 14.4	15.8
250 TO 499 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	12	9.1	71.5	7.2	14.0	54.1	301.4	369.1	646.4	116.0	84.2
1,000 TO 2,499 EMPLOYEES	8	13.6	109.9	11.3	22.7	85.2	469.0	424.2	878.7	21.2	76.7
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3339-- PRIMARY NONFERROUS METALS, NEC											
ESTABLISHMENTS, TOTAL	50	7.2	56.9	5.2	11.2	38.1	139.3	158.1	284.4	25.1	73.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	14	.3	3.2	.2	.6	2.2	17.2	53.4	65.5	[2] 3.2	16.8
5 TO 9 EMPLOYEES[e]	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20 TO 49 EMPLOYEES	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	6	.4	3.0	.3	.7	2.2	8.5	11.4	19.1	.7	7.4
100 TO 249 EMPLOYEES	6	.9	6.5	.7	1.5	4.9	14.4	16.1	29.5	3.3	6.5
250 TO 499 EMPLOYEES	4	1.5	11.1	1.0	2.3	7.0	20.9	24.8	43.6	2.9	18.9
500 TO 999 EMPLOYEES	3	3.9	33.1	2.8	6.1	21.9	78.3	52.4	126.6	15.0	23.7
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3341-- SECONDARY NONFERROUS METALS											
ESTABLISHMENTS, TOTAL	403	17.2	122.8	12.8	26.6	78.4	271.2	1 314.0	1 586.0	23.6	174.6
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	112	.2	1.4	.2	.3	1.0	5.5	10.8	16.1	.2	2.0
5 TO 9 EMPLOYEES	54	.3	2.7	.3	.5	1.6	5.8	18.5	24.0	.4	2.4
10 TO 19 EMPLOYEES	55	.8	5.5	.6	1.2	3.5	11.2	48.9	60.0	.8	5.4
20 TO 49 EMPLOYEES	83	2.8	18.9	2.1	4.4	12.2	40.4	196.0	236.4	2.4	29.2
50 TO 99 EMPLOYEES	51	3.6	24.6	2.6	5.5	15.6	60.4	230.1	291.2	5.5	33.6
100 TO 249 EMPLOYEES	38	5.8	43.0	4.3	8.9	26.5	81.8	425.7	506.6	6.8	59.0
250 TO 499 EMPLOYEES	8	3.7	26.7	2.7	5.7	18.0	66.2	383.9	451.7	7.5	43.0
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS[1,e]	115	.3	1.8	.3	.4	1.2	5.8	10.4	16.2	.3	2.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e] Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1] Report forms were not mailed to companies that operated only one establishment which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2] Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3331	Primary copper.....1967..	1,184.1	1,018.5	81.8	83.8	(1)	1,383.3	1,018.5	364.8	(1)
	1963..	1,245.5	1,048.9	103.5	93.1	(1)	1,297.1	1,048.9	248.2	(1)
3332	Primary lead.....1967..	304.0	(D)	(D)	6.8	(1)	(D)	(D)	(D)	(1)
	1963..	265.1	(D)	(D)	7.0	(1)	(D)	(D)	(D)	(1)
3333	Primary zinc.....1967..	332.8	274.6	36.1	22.1	88	339.1	274.6	64.5	[2]81
	1963..	281.5	251.0	20.7	9.8	92	308.5	251.0	57.5	[2]81
3334	Primary aluminum.....1967..	1,608.7	1,535.5	44.1	29.1	97	1,963.5	1,535.5	428.0	[3]78
	1963..	1,090.0	1,069.6	-	20.4	100	1,420.2	1,069.6	350.6	[3]75
3339	Primary nonferrous metals, n.e.c.....1967..	284.4	246.2	27.0	11.2	87	618.5	246.2	372.3	[4]40
	1963..	212.2	170.0	34.8	7.3	83	439.4	170.0	269.3	[4]39
3341	Secondary nonferrous metals.....1967..	1,586.0	1,079.6	135.2	371.2	89	4,134.1	1,079.6	3,054.5	[5]26
	1963..	1,045.5	813.9	54.7	176.9	94	3,102.5	813.9	2,288.6	[5]26

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Specialization and coverage ratios have not been calculated for industries 3331, Primary Copper, and 3332, Primary Lead, because the shipments of primary products for these industries contain extensive duplication.

[2]Included in this industry is refined zinc which is also primary to industry 3341, Secondary Nonferrous Metals. A coverage ratio for 1967 computed on the basis of including both industries to which refined zinc is primary would total 96 percent; 81 percent by industry 3333 and 15 percent by industry 3341. The remainder was shipped by establishments in other industries. The 1963 percentages are the same as those for 1967.

[3]Included in this industry are aluminum-base alloys which are also primary to industry 3341. Secondary Nonferrous Metals, and industry 3352, Aluminum Rolling and Drawing. A coverage ratio for 1967 computed on the basis of including all three industries to which aluminum-base alloys are primary would total 99 percent; 78 percent by industry 3334, 17 percent by industry 3341, and 4 percent by industry 3352. The remainder was shipped by establishments in other industries. The comparable 1963 percentages are as follows: 96 percent, total; 75 percent, SIC 3334; 17 percent, SIC 3341; and 4 percent, SIC 3352.

[4]Included in this industry are refined nonferrous alloys, n.e.c., which are also primary to industry 3341, Secondary Nonferrous Metals. A coverage ratio computed on the basis of including both industries to which refined nonferrous alloys, n.e.c., are primary would total 68 percent; 40 percent by industry 3339, and 28 percent by industry 3341. The remaining 32 percent was shipped by establishments classified in other industries. The comparable 1963 percentages are as follows: 59 percent, total; 39 percent, SIC 3339; and 20 percent, SIC 3341.

[5]Included in this industry are refined copper, lead, zinc, aluminum, precious metals, and other nonferrous metals. Each of these product classes is also primary to the comparable primary smelting and refining industry in Group 333. A coverage ratio computed on the basis of including both industries to which the classes are primary would total 89 percent; 26 percent by industry 3341, and 63 percent by primary nonferrous smelters and refiners. The remaining 11 percent was shipped by establishments in other industries. The 1963 percentages are the same as those for 1967.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product class	Class of products, industry and miscellaneous receipts	All industries	Primary copper (SIC 3331)	Primary lead (SIC 3332)	Primary zinc (SIC 3333)	Primary aluminum (SIC 3334)	Primary nonferrous metals, n.e.c. (SIC 3339)	Secondary nonferrous metals, (SIC 3341)	Other industries
	Total shipments and miscellaneous receipts	(X)	1,184.1	304.0	332.8	1,608.7	284.4	1,586.0	(X)
3331-	Primary copper	1,383.3	1,018.5	-	-	-	-	317.5	47.3
33311	Copper smelter products	547.6	547.6	-	-	-	-	-	-
33312 33412	Refined primary copper	818.4	453.6	-	-	-	-	317.5	47.3
33310	Primary copper n.s.k.	17.3	17.3	-	-	-	-	-	-
3332-	Primary lead	(D)	0.4	(D)	-	-	(D)	209.6	(D)
33321	Lead smelter products	(D)	-	(D)	-	-	(D)	-	(D)
33323 33413	Refined primary lead	358.9	0.4	123.3	-	-	-	209.6	25.6
3333-	Primary zinc	339.1	(under 2)	(5-10)	274.6	-	-	52.1	4.3
33331	Zinc residues and other zinc smelter products	23.8	(D)	(D)	12.9	-	-	-	(D)
33334 33414	Refined primary zinc	315.3	(D)	(D)	261.7	-	-	52.1	(D)
3334-	Primary aluminum	1,963.5	(under 2)	-	(2-5)	1,535.5	(5-10)	326.4	[1]90.8
33347 33417 33527	Aluminum ingot	1,682.4	(under 2)	-	(2-5)	1,324.1	(5-10)	289.6	[1]57.9
33348 33418 33528	Aluminum extrusion billet	281.1	-	-	-	211.4	-	36.8	[2]32.9
3339-	Primary nonferrous metals, n.e.c	618.5	(50-100)	(50-100)	12.5	(under 2)	246.2	174.0	57.7
33395 33415	Precious metals	282.4	(D)	(D)	-	-	(D)	114.0	9.1
33397 33416	Other primary nonferrous metals, including magnesium, smelted or refined	327.8	(D)	(D)	12.5	(D)	(D)	60.0	48.6
33390	Primary nonferrous metals, n.e.c., n.s.k.	8.3	-	(D)	-	-	(D)	-	-
33410	Secondary nonferrous metals, n.s.k.	74.8	-	-	-	-	8.3	66.5	-
	Other product shipments by 4-digit industry group								
2816-	Inorganic pigments	(X)	-	-	(over 2)	-	-	-	(X)
2819-	Industry inorganic chemicals, n.e.c	(X)	10.3	-	8.3	-	(over 2)	(over 2)	(X)
3317-	Steel pipe and tubes	(X)	-	-	-	-	-	(over 2)	(X)
3352-	Aluminum rolling and drawing	(X)	-	-	-	-	-	(2-5)	(X)
3356-	Nonferrous rolling and drawing, n.e.c	(X)	-	-	-	-	(over 2)	3.8	(X)
3399-	Primary metal products, n.e.c	(X)	-	-	(over 2)	(over 2)	2.0	(5-10)	(X)
3451-	Screw machine products	(X)	-	-	-	-	-	(over 2)	(X)
	All other product shipments[3]	(X)	71.1	173.9	15.3	44.1	25.0	56.3	(X)
	Miscellaneous receipts	(X)	83.8	6.8	22.1	29.1	11.2	371.2	(X)
93000	Contract work: Smelting and refining materials owned by others on a toll basis	(X)	76.2	4.1	(D)	-	1.8	61.9	(X)
	All other receipts for work done for others on their own materials	(X)	(D)	(D)	(D)	-	(D)	4.4	(X)
99980	Sales of scrap and refuse	(X)	(D)	0.1	(D)	(D)	0.2	20.9	(X)
99980	Other miscellaneous receipts, including receipts for repair work	(X)	(D)	(D)	(D)	(D)	(D)	7.6	(X)
99989	Resales	(X)	(D)	(D)	(D)	(D)	7.1	276.4	(X)
	Listing of other industries with over $2 million shipments of primary products								
3339-	2819 Industrial inorganic chemicals, n.e.c	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2.1
3341-	2819 Industrial inorganic chemicals, n.e.c	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(20-50)
	3354 Copper rolling and drawing	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(20-50)
	3356 Nonferrous rolling and drawing, n.e.c	(X)	(X)	(X)	(X)	(X)	(X)	(X)	6.6
	3441 Fabricated structural steel	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
	3661 Telephone and telegraph apparatus	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This figure includes shipments of product class 33527 of $55.4 million.

[2]This figure includes shipments of product class 33528 of $30.4 million.

[3]Includes, where appropriate, values for those 4-digit product groups for which either the symbol "D" or a value range, e.g. (2-5) (under 2), etc. appear above.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total production (gross weight)[2] (1,000 short tons)	Shipments including interplant transfers[1]: Total — Quantity (gross weight) (1,000 short tons)	Total — Value (million dollars)	Shipments to all other companies — Quantity (gross weight) (1,000 short tons)	Shipments to all other companies — Value (million dollars)	Transfers to other plants of the same company — Quantity (gross weight) (1,000 short tons)	Transfers to other plants of the same company — Value (million dollars)	Shipments of products made from materials owned by others[3] (gross weight) (1,000 short tons)	Produced and consumed in the same plant in manufacture of other products (gross weight) (1,000 short tons)
		1967								
3331- --	PRIMARY COPPER, TOTAL	(X)	(X)	1,383.3	(X)	(D)	(X)	(D)	(X)	(X)
33311 --	Copper smelter products	(X)	(X)	547.6	(X)	(D)	(X)	(D)	(X)	(X)
33311 11	Blister or anode copper	1,028.5	721.9	541.4	(D)	(D)	(D)	(D)	395.0	(D)
33311 51	Matte, speiss, flue dust, residues, etc	(D)	12.4	6.2	(D)	(D)	(D)	(D)	-	(D)
33312 -- / 33412 --	Refined copper	(NA)	(X)	818.4	(D)	(D)	(D)	(D)	(X)	(D)
33312 --	Made by primary copper refiners (industry 3331)	1,307.9	(X)	453.6	(D)	(D)	(D)	(D)	(X)	(X)
33412 --	Made by secondary refiners (industry 3341) and other industries	(X)	(X)	364.8	(D)	(D)	(D)	(D)	(X)	(X)
33312 11 / 33412 11	Copper unalloyed	1,428.7	790.9	601.1	(D)	(D)	(D)	(D)	780.7	(D)
33312 15 / 33412 31	Copper-base alloys	299.2	229.4	208.7	(D)	(D)	(D)	(D)	(D)	(D)
33312 00	Refined primary copper, n.s.k	(X)	(X)	17.3	(X)	30.4	(X)	-	(D)	(D)
3332- --	PRIMARY LEAD, TOTAL	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
33321 --	Lead smelter products	(X)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33321 11	Base bullion	163.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33321 51	Matte, speiss, etc	35.9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33323 -- / 33413 --	Refined lead	(NA)	(X)	358.9	(X)	347.7	(X)	11.2	(NA)	(NA)
33323 --	Made by primary lead refiners (industry 3332)	(NA)	(X)	123.3	(X)	(D)	(X)	(D)	(NA)	(NA)
33413 --	Made by secondary refiners (industry 3341)	(NA)	(X)	209.6	(X)	(D)	(X)	(D)	(NA)	(NA)
	All other industries	(NA)	(X)	26.0	(X)	(D)	(X)	(D)	(NA)	(NA)
33323 11 / 33413 11	Refined unalloyed lead	(NA)	416.7	108.9	(D)	(D)	(D)	(D)	(D)	(D)
33323 11	Made in industry 3332	288.5	251.3	65.5	(D)	(D)	(D)	(D)	(D)	(D)
	All other industries				(D)	(D)	(D)	(D)	(D)	(D)
33413 11	Made in industry 3341	127.5	165.8	43.4	(D)	(D)	(D)	(D)	(D)	(D)
	Lead- and tin-base alloys[4]	(NA)	561.1	242.8	(D)	(D)	(D)	(D)	(D)	(D)
	Made in industry 3332 / Made in industry 3341 / All other industries	(NA)	561.1	242.8	(D)	(D)	(D)	(D)	(D)	(D)
33323 31 / 33413 21	Antimonial lead	282.4	282.0	87.1	(D)	(D)	(D)	(D)	-	(D)
33323 33 / 33413 33	Babbitt metal	10.2	9.4	9.1	(D)	(D)	(D)	(D)	(D)	(D)
33323 51 / 33413 51	Solder	101.5	100.0	90.6	(D)	(D)	(D)	(D)	(D)	(D)
33323 71 / 33413 71	Type metal	146.3	140.5	44.1	(D)	(D)	(D)	(D)	(D)	(D)
33323 98 / 33413 98	Other lead and tin-base alloys	30.5	30.4	13.1	(D)	(D)	(D)	(D)	(D)	(D)
33323 00 / 33413 00	Refined lead, n.s.k	(X)	(X)	7.2	(X)	7.2	(X)	-	(X)	(X)
3333- --	PRIMARY ZINC, TOTAL	(NA)	1,403.5	339.1	1,313.9	330.4	89.6	8.7	(NA)	(NA)
33331 11	Zinc residues and other zinc smelter products	262.9	247.7	23.8	184.9	17.8	62.8	6.0	(D)	(D)
33334 -- / 33414 --	Refined zinc	1,234.9	1,155.8	315.3	1,129.0	312.6	26.8	2.7	(D)	(D)
33334 --	Made by primary zinc refiners (industry 3333)	1,073.7	999.6	261.7						
33414 --	Made by secondary refiners (industry 3341)	161.2	156.2	53.6	1,129.0	312.6	26.8	2.7	(D)	(D)
	All other industries									

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total production (gross weight)[2] (1,000 short tons)	Shipments including interplant transfers[1]: Total — Quantity (gross weight) (1,000 short tons)	Total — Value (million dollars)	Shipments to all other companies — Quantity (gross weight) (1,000 short tons)	Shipments to all other companies — Value (million dollars)	Transfers to other plants of the same company — Quantity (gross weight) (1,000 short tons)	Transfers to other plants of the same company — Value (million dollars)	Shipments of products made from materials owned by others[3] (gross weight) (1,000 short tons)	Produced and consumed in the same plant in manufacture of other products (gross weight) (1,000 short tons)
		1967								
3333- --	PRIMARY ZINC--Continued									
33334 --	Refined zinc--Continued									
33414 --										
	Zinc, unalloyed:									
33334 13										
33414 01	Zinc slab, including remelt zinc....	950.5	880.1	242.3	(D)	(D)	(D)	(D)	(D)	(D)
33414 01	Made in industry 3341.....	34.7	34.8	10.2	(D)	(D)	-	-	(D)	(D)
33334 13	Made in industry 3333.....	915.8	845.3	232.1	(D)	(D)	(D)	(D)	(D)	(D)
	All other industries.....									
33334 15										
33414 05	Dust.....	43.9	44.6	15.2	44.6	15.2	-	-	-	(D)
33414 05	Made in industry 3341.....	27.6	28.0	9.7	28.0	9.7	-	-	-	-
33334 51	Made in industry 3333.....	16.3	16.6	5.5	16.6	5.5	-	-	-	(D)
33334 61										
33414 11	Zinc-base alloys.....	240.5	231.1	57.8	(D)	(D)	(D)	(D)	(D)	(D)
33334 61	Made in industry 3333.....	141.6	137.7	25.4	(D)	(D)	(D)	(D)	(D)	(D)
33414 11	Made in industry 3341.....	98.9	93.4	32.4	(D)	(D)	(D)	(D)	(D)	3.2
	All other industries.....									
3334- --	PRIMARY ALUMINUM, TOTAL.....	5,360.3	4,129.1	1,963.5	2,256.4	1,052.9	1,862.7	900.6	(D)	(D)
33347 --										
33417 --	Aluminum ingot[5].....	4,498.9	3,523.2	1,682.4	1,854.8	899.4	1,658.4	783.0	27.4	(D)
33527 --										
33347 11	Made in primary aluminum industry (industry 3334).....	2,872.8	2,771.5	1,324.1	1,162.6	579.0	1,598.9	745.1	-	(D)
33527 11	Made in aluminum rolling mills (industry 3352)[5].....	979.2	88.2	55.4						
33417 11	Made in secondary nonferrous metals industry (industry 3341).....				692.2	320.4	59.5	37.9	27.4	913.4
	All other industries.....	646.9	663.5	302.9						
33348 --										
33528 --	Aluminum extrusion billet[5].....	861.4	605.9	281.1	401.6	153.5	204.3	117.6	(D)	41.8
33418 --										
33348 11	Made in primary aluminum industry (industry 3334).....	475.0	464.0	211.4	301.1	106.2	162.9	95.2	(D)	-
33528 11	Made in aluminum rolling mills (industry 3352)[5].....	257.1	57.0	30.4						
33418 11	Made in secondary nonferrous metals industry (industry 3341).....				100.5	47.3	41.4	22.4	189.4	41.8
	All other industries.....	129.3	84.9	39.3						
		(1,000 troy ounces)	(1,000 troy ounces)		(1,000 troy ounces)		(1,000 troy ounces)		(1,000 troy ounces)	(1,000 troy ounces)
3339- --	PRIMARY NONFERROUS METALS, N.E.C., TOTAL.....	(NA)	(NA)	618.5	(D)	(D)	(D)	(D)	(NA)	(NA)
33395 --										
33415 --	Precious metals.....	(NA)	(NA)	282.4	(D)	(D)	(D)	(D)	(NA)	(NA)
	Unalloyed:									
33395 11										
33415 11	Gold.....	1,533.2	1,588.5	55.6	(D)	(D)	(D)	(D)	(D)	265.7
33395 51										
33415 31	Silver.....									
33395 31		(NA)	(NA)	171.1	(D)	(D)	(D)	(D)	(NA)	(NA)
33415 51	Platinum, including platinum group metals.....									
	Alloys:									
33395 61										
33415 71	Silver-base.....									
33395 65										
33415 81	Gold-base.....									
33395 69	Other precious metal, including	(NA)	(NA)	55.8	(NA)	55.8	-	-	(NA)	(NA)
33415 89	platinum group.....									
33415 00	Precious metals, n.s.k.....									

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total production[2] (gross weight)	Shipments including interplant transfers[1]						Shipments of products made from materials owned by others[3] (gross weight)	Produced and consumed in the same plant in manufacture of other products (gross weight)
			Total		Shipments to all other companies		Transfers to other plants of the same company			
			Quantity (gross weight)	Value (million dollars)	Quantity (gross weight)	Value (million dollars)	Quantity (gross weight)	Value (million dollars)		
		1967								
3339- --	PRIMARY NONFERROUS METALS--Continued	(1,000 short tons)	(1,000 short tons)		(1,000 short tons)		(1,000 short tons)		(1,000 short tons)	(1,000 short tons)
33397 -- 33416 --	Other nonferrous metals	(NA)	(NA)	327.8	(D)	(D)	(D)	(D)	(NA)	(NA)
	Unalloyed:									
33397 21 33416 51	Cadmium	5.3	5.4	19.1	(D)	(D)	(D)	(D)	(D)	(D)
33397 51 33416 69	Nickel	0.2	0.2	0.7	(NA)	0.7	-	-	-	-
33397 61 33416 71	Tin	(NA)	(NA)	12.8	(D)	(D)	(D)	(D)	(D)	(D)
33397 71 33416 81	Titanium sponge	(NA)							(NA)	(NA)
33397 11 33416 61	Magnesium unalloyed	(NA)							(NA)	(NA)
33397 89 33416 89	Other nonferrous metals, including metal bearing furnace residues and other metal products which have to be further refined before sale to customers	(NA)	(NA)	214.6	(D)	(D)	(D)	(D)	(NA)	(NA)
	Alloyed:									
33397 93 33416 31	Nickel-base alloys	9.1	8.4	20.4	(D)	(D)	(D)	(D)	(D)	-
33397 98 33416 43	Other nonferrous metal alloys	(NA)	(NA)	55.7	(D)	(D)	(D)	(D)	(NA)	(NA)
33397 92 33416 21	Magnesium-base alloys									
33397 00 33416 00	Other nonferrous metals, n.s.k.	(NA)	(X)	4.6	(X)	4.6	(X)	-	-	-
33390 00	Primary nonferrous metals n.e.c., n.s.k. (For companies with 10 or more employees. See Note.)	(X)	(X)	7.3	(X)	8.7	(X)	-	(X)	(X)
33390 02	Primary nonferrous metals n.e.c., n.s.k. (For companies with fewer than 10 employees. See Note.)	(X)	(X)	1.0	(X)	1.0	(X)	-	(X)	(X)
3341- --	SECONDARY NONFERROUS METALS, TOTAL	(NA)	(X)	4,134.1	(D)	(D)	(D)	(D)	(X)	(X)
33312 -- 33412 --	Refined copper	(NA)	(X)	818.4	(D)	(D)	(D)	(D)	(X)	(D)
33312 --	Made by primary copper refiners (industry 3331)	1,307.9	(X)	453.6	(D)	(D)	(D)	(D)	(X)	(X)
33412 --	Made by secondary refiners (industry 3341) and other industries	(X)	(X)	364.8	(D)	(D)	(D)	(D)	(X)	(X)
33312 11 33412 11	Copper unalloyed	1,028.7	790.9	601.1	(D)	(D)	(D)	(D)	7,801.7	(D)
33312 15 33412 31	Copper-base alloys	299.2	229.4	208.7	(D)	(D)	(D)	(D)	(D)	(D)
33312 00	Refined primary copper, n.s.k.	(X)	(X)	25.9	(X)	25.9	(X)	-	(X)	(X)
33323 -- 33413 --	Refined lead	(NA)	(X)	358.9	(X)	347.7	(X)	11.2	(NA)	(NA)
33323 --	Made by primary lead refiners (industry 3332)	(NA)	(X)	123.3	(X)	(D)	(X)	(D)	(NA)	(NA)
33413 --	Made by secondary refiners (industry 3341)	(NA)	(X)	209.6	(X)	(D)	(X)	(D)	(NA)	(NA)
	All other industries	(NA)	(X)	26.0	(X)	(D)	(X)	(D)	(NA)	(NA)
33323 11 33413 11	Refined unalloyed lead	(NA)	416.7	108.9	(D)	(D)	(D)	(D)	(D)	(D)
33323 11	Made in industry 3332	288.5	251.3	65.5	(D)	(D)	(D)	(D)	(D)	(D)
	All other industries									
33413 11	Made in industry 3341	127.5	165.8	43.4	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total production[2] (gross weight)	Shipments including interplant transfers[1]: Total quantity (gross weight)	Total value (million dollars)	Shipments to all other companies: quantity (gross weight)	Shipments to all other companies: value (million dollars)	Transfers to other plants of the same company: quantity (gross weight)	Transfers to other plants of the same company: value (million dollars)	Shipments of products made from materials owned by others[3] (gross weight)	Produced and consumed in the same plant in manufacture of other products (gross weight)
		1967								
3341- --	SECONDARY NONFERROUS METALS--Continued	(1,000 short tons)	(1,000 short tons)		(1,000 short tons)		(1,000 short tons)		(1,000 short tons)	(1,000 short tons)
33323 -- 33413 --	Refined lead--Continued									
	Lead-and tin-base alloys[3]	(NA)	561.1	242.8	(D)	(D)	(D)	(D)	(NA)	(NA)
	Made in industry 3332	(NA)	561.1	242.8	(D)	(D)	(D)	(D)	(NA)	(NA)
	Made in industry 3341									
	All other industries									
33323 31 33413 21	Antimonial lead	282.4	282.0	87.1	(D)	(D)	(D)	(D)	-	(D)
33323 33 33413 33	Babbitt metal	10.2	9.4	9.1	(D)	(D)	(D)	(D)	(D)	(D)
33323 51 33413 51	Solder	101.5	100.0	90.6	(D)	(D)	(D)	(D)	(D)	(D)
33323 71 33413 71	Type metal	146.3	140.5	44.1	(D)	(D)	(D)	(D)	(D)	(D)
33323 98 33413 98	Other lead and tin-base alloys	30.5	30.4	13.1	(D)	(D)	(D)	(D)	(D)	(D)
33323 00 33413 00	Refined lead, n.s.k.	(X)	(X)	7.2	(D)	7.2	(X)	-	(D)	(D)
33334 -- 33414 --	Refined zinc	(NA)	1,155.8	315.3	1,129.0	312.6	26.8	2.7	(D)	(D)
33334 --	Made by primary zinc refiners (industry 3333)	1,073.7	999.6	261.7	1,129.0	312.6	26.8	2.7	(D)	(D)
33414 --	Made by secondary refiners (industry 3341)	161.2	156.2	53.5						
	All other industries									
	Zinc, unalloyed:									
33334 13 33414 01	Zinc slab, including remelt zinc	950.5	880.1	242.3	(D)	(D)	(D)	(D)	(D)	(D)
33414 01	Made in industry 3341	34.7	34.8	10.2	(D)	(D)	(D)	(D)	(D)	(D)
33334 13	Made in industry 3333	915.8	845.3	232.1	(D)	(D)	(D)	(D)	(D)	(D)
	All other industries									
33334 51 33414 05	Dust	43.9	44.6	15.2	44.6	15.2	-	-	-	(D)
33414 05	Made in industry 3341	27.6	28.0	9.7	28.0	9.7	-	-	-	-
33334 51	Made in industry 3333	16.3	16.6	5.5	16.6	5.5	-	-	-	(D)
33334 61 33414 11	Zinc-base alloys	233.9	222.5	54.8	(D)	(D)	(D)	(D)	(D)	(D)
33334 61	Made in industry 3333	141.6	137.7	25.4	(D)	(D)	(D)	(D)	(D)	(D)
33414 11	Made in industry 3341	98.9	93.4	32.4	(D)	(D)	(D)	(D)	(D)	3.2
	All other industries									
33347 -- 33417 -- 33527 --	Aluminum ingot[5]	4,491.8	3,498.3	1,675.4	1,839.9	892.4	1,658.4	783.0	27.4	(D)
33347 11	Made in primary aluminum industry (industry 3334)	2,872.8	2,771.5	1,324.1	1,162.6	579.0	1,598.9	745.1	-	(D)
33527 11	Made in aluminum rolling mills (industry 3352)[5]	972.1	73.3	48.4	677.3	313.4	59.5	37.9	27.4	913.4
33417 11	Made in secondary nonferrous metals industry (industry 3341)	646.9	663.5	302.9						
	All other industries									
33348 -- 33528 -- 33418 --	Aluminum extrusion billet[5]	861.4	605.9	281.1	401.6	153.5	204.3	117.6	(D)	41.8
33348 11	Made in primary aluminum industry (industry 3334)	475.0	464.0	211.4	301.1	106.2	162.9	95.2	(D)	-
33528 11	Made in aluminum rolling mills (industry 3352)[5]	257.1	57.0	30.4	100.5	47.3	41.4	22.4	189.4	41.8
33418 11	Made in secondary nonferrous metals industry (industry 3341)	129.3	84.9	39.3						
	All other industries									

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total production[2]	Shipments including interplant transfers[1]						Shipments of products made from materials owned by others[3]	Produced and consumed in the same plant in manufacture of other products
			Total		Shipments to all other companies		Transfers to other plants of the same company			
		(gross weight)	Quantity (gross weight)	Value (million dollars)	Quantity (gross weight)	Value (million dollars)	Quantity (gross weight)	Value (million dollars)	(gross weight)	(gross weight)
		1967								
3341- --	SECONDARY NONFERROUS METALS--Continued	(1,000 troy ounces)	(1,000 troy ounces)		(1,000 troy ounces)		(1,000 troy ounces)		(1,000 troy ounces)	(1,000 troy ounces)
33395 -- 33415 --	Precious metals	(NA)	(NA)	282.4	(D)	(D)	(D)	(D)	(NA)	(NA)
	Unalloyed:									
33395 11 33415 11	Gold	1,533.2	1,588.5	55.6	(D)	(D)	(D)	(D)	(D)	265.7
33395 51 33415 31	Silver	(NA)	(NA)	171.1	(D)	(D)	(D)	(D)	(NA)	(NA)
33395 31 33415 51	Platinum, including platinum-group metals									
	Alloys:									
33395 61 33415 71	Silver-base	(NA)	(NA)	55.8	(NA)	55.8	-	-	(NA)	(NA)
33395 65 33415 81	Gold-base									
33395 69 33415 89	Other precious metal, including platinum-group									
33415 00	Precious metals, n.s.k.									
		(1,000 short tons)	(1,000 short tons)		(1,000 short tons)		(1,000 short tons)		(1,000 short tons)	(1,000 short tons)
33397 -- 33416 --	Other primary nonferrous metals	(NA)	(NA)	327.8	(D)	(D)	(D)	(D)	(NA)	(NA)
	Unalloyed:									
33397 21 33416 51	Cadmium	5.3	5.4	19.1	(D)	(D)	(D)	(D)	(D)	(D)
33397 51 33416 69	Nickel	0.2	0.2	0.7	(NA)	0.7	-	-	-	-
33397 61 33416 71	Tin	(NA)	(NA)	12.8	(D)	(D)	(D)	(D)	(D)	(D)
33397 71 33416 81	Titanium sponge	(NA)	(NA)	214.6	(D)	(D)	(D)	(D)	(NA)	(NA)
33397 11 33416 61	Magnesium unalloyed									
33397 78 33397 89 33416 89	Other nonferrous metals, including metal bearing furnace residues and other metal products which have to be further refined before sale to customers									
		(1,000 troy ounces)	(1,000 troy ounces)		(1,000 troy ounces)		(1,000 troy ounces)		(1,000 troy ounces)	(1,000 troy ounces)
	Alloyed:									
33397 93 33416 31	Nickel-base alloys	9.1	8.4	20.4	(D)	(D)	(D)	(D)	(D)	-
33397 98 33416 43	Other nonferrous metal alloys	(NA)	55.7	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
33397 92 33416 21	Magnesium-base alloys									
33397 00 33416 00	Other nonferrous metals, n.s.k.	(NA)	(X)	4.6	(X)	4.6	(X)	-	(NA)	(NA)
33390 00	Primary nonferrous metals, n.e.c., (For companies with 10 or more employees. See Note.)	(X)	(X)	7.3	(X)	8.7	(X)	-	(X)	(X)
33390 02	Primary nonferrous metals n.e.c., n.s.k. (for companies with fewer than 10 employees. See Note.)	(X)	(X)	1.0	(X)	1.0	(X)	-	(X)	(X)
33410 00	Secondary nonferrous metals, n.s.k. (For establishments with 10 employees or more. See Note.)	(X)	(X)	50.3	(X)	50.3	(X)	-	(X)	(X)
33410 02	Secondary nonferrous metals, n.s.k. (For establishments with fewer than 10 employees. See Note.)	(X)	(X)	16.2	(X)	16.2	(X)	-	(X)	(X)

See footnote at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total production[2] (gross weight) (1,000 short tons)	Shipments including interplant transfers[1]: Total quantity (gross weight) (1,000 short tons)	Shipments including interplant transfers[1]: Total value (million dollars)	Shipments to all other companies: quantity (gross weight) (1,000 short tons)	Shipments to all other companies: value (million dollars)	Transfers to other plants of the same company: quantity (gross weight) (1,000 short tons)	Transfers to other plants of the same company: value (million dollars)	Shipments of products made from materials owned by others[3] (gross weight) (1,000 short tons)	Produced and consumed in the same plant in manufacture of other products (gross weight) (1,000 short tons)
		1963								
3331- --	PRIMARY COPPER, TOTAL	(X)	(X)	1,297.1	(X)	(D)	(X)	(D)	(X)	(X)
33311 --	Copper smelter products	(X)	(X)	628.5	(D)	(D)	(D)	(D)	(X)	113.4
33311 11	Blister or anode copper	1,497.1	1,068.9	614.6	439.9	259.9	629.1	354.8	360.1	
33311 51	Matte, speiss, flue dust, residues, etc	92.8	33.7	13.9	(D)	(D)	(D)	(D)	4.6	113.4
33312 -- / 33412 --	Refined copper	(X)	(X)	668.6	(D)	(D)	(D)	(D)	(X)	(D)
33312 --	Made by primary copper refiners (industry 3331)	1,796.8	640.7	421.4	(D)	(D)	(D)	(D)	(X)	(X)
33412 --	Made by secondary refiners (industry 3341) and other industries	(X)	(X)	247.2	(D)	(D)	(D)	(D)	(X)	(X)
33312 11 / 33412 11	Copper unalloyed	1,858.8	725.4	470.3	725.4	470.3	-	-	1,180.2	(D)
33312 15 / 33412 31	Copper-base alloys	290.4	305.3	196.8	(D)	(D)	(D)	(D)	3.6	(D)
33312 00	Refined primary copper, n.s.k	(X)	(X)	1.5	(X)	1.5	(X)	-	(X)	(X)
3332- --	PRIMARY LEAD, TOTAL	(NA)	(NA)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
33321 --	Lead smelter products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	97.5
33321 11	Base bullion	279.7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
33321 51	Matte, speiss, etc	132.4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	97.5
33323 -- / 33413 --	Refined lead	(X)	(X)	276.4	(X)	256.7	(X)	19.7	(D)	(D)
33323 --	Made by primary lead refiners (industry 3332)	(X)	(X)	74.5	(X)	(D)	(X)	(D)	(D)	(D)
33413 --	Made by secondary refiners (industry 3341)	(X)	(X)	191.4	(X)	(D)	(X)	(D)	(D)	(D)
	All other industries	(X)	(X)	10.5	(X)	(D)	(X)	(D)	(D)	(D)
33323 11 / 33413 11	Refined unalloyed lead	629.8	443.7	98.5	421.7	93.7	22.0	4.8	(D)	(D)
33323 11	Made in industry 3332	492.7	312.1	68.6	421.7	93.7	22.0	4.8	(D)	(D)
	All other industries									
33413 11	Made in industry 3341	137.1	131.6	29.9						
	Lead- and tin-base alloys[4]	519.5	479.0	172.8	(D)	(D)	(D)	(D)	(D)	(D)
	Made in industry 3332									
	Made in industry 3341	519.5	479.0	172.8	(D)	(D)	(D)	(D)	(D)	(D)
	All other industries									
33323 31 / 33413 21	Antimonial lead	329.3	306.7	72.7	265.2	62.7	41.5	10.1	18.5	(D)
33323 33 / 33413 33	Babbitt metal	14.4	13.4	9.2	(D)	(D)	(D)	(D)	(D)	(D)
33323 51 / 33413 51	Solder	102.3	100.9	69.8	(D)	(D)	(D)	(D)	1.1	(D)
33323 71 / 33413 71	Type metal									
33323 98 / 33413 98	Other lead and tin-base alloys	34.2	23.4	8.7	(D)	(D)	(D)	(D)	(D)	(D)
33323 00 / 33413 00	Refined lead, n.s.k	(X)	(X)	5.1	(X)	5.1	(X)	-	(X)	(X)
3333- --	PRIMARY ZINC, TOTAL	1,741.2	1,621.9	308.5	1,437.3	289.8	184.8	18.8	83.2	(D)
33331 11	Zinc residues and other zinc smelter products	478.2	492.2	34.8	(D)	(D)	(D)	(D)	(D)	(D)
33334 -- / 33414 --	Refined zinc	1,263.0	1,129.7	273.7	1,092.9	265.2	36.7	8.6	75.4	96,467
33334 --	Made by primary zinc refiners (industry 3333)	1,079.3	975.0	230.3						
33414 --	Made by secondary refiners (industry 3341)	183.7	154.7	43.5	1,092.9	265.2	36.7	8.6	75.4	96,467
	All other industries									

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total production[2] (gross weight)	Shipments including interplant transfers[1]						Shipments of products made from materials owned by others[3]	Produced and consumed in the same plant in manufacture of other products
			Total		Shipments to all other companies		Transfers to other plants of the same company			
			Quantity (gross weight)	Value (million dollars)	Quantity (gross weight)	Value (million dollars)	Quantity (gross weight)	Value (million dollars)	(gross weight)	(gross weight)
		1963								
3333- --	PRIMARY ZINC--Continued	(1,000 short tons)	(1,000 short tons)		(1,000 short tons)		(1,000 short tons)		(1,000 short tons)	(1,000 short tons)
33334 -- 33414 -- 33334 --	Refined zinc--Continued									
	Zinc, unalloyed:									
33334 13 33414 01	Zinc slab, including remelt zinc	971.7	864.6	202.0	836.6	195.4	28.0	6.6	46.5	(D)
33414 01	Made in industry 3341	971.7	23.4	5.6	836.6	195.4	28.0	6.6	46.5	(D)
33334 13	Made in industry 3333		841.2	196.4						
	All other industries									
33334 51 33414 05	Dust	43.1	44.5	12.9	(D)	(D)	(D)	(D)	(D)	(D)
33414 05	Made in industry 3341	16.4	16.3	5.2	(D)	(D)	(D)	(D)	(D)	(D)
33334 51	Made in industry 3333	26.7	28.2	7.7	(D)	(D)	(D)	(D)	(D)	(D)
33334 61 33414 11	Zinc-base alloys	248.2	220.6	58.8	(D)	(D)	(D)	(D)	(D)	(D)
33334 61	Made in industry 3333	106.1	106.4	26.4	(D)	(D)	(D)	(D)	(D)	(D)
33414 11	Made in industry 3341	142.1	114.2	32.4	(D)	(D)	(D)	(D)	(D)	(D)
	All other industries				(D)	(D)	(D)	(D)	(D)	(D)
3334- --	PRIMARY ALUMINUM, TOTAL	3,740.1	3,169.0	1,420.2	1,834.0	807.4	1,335.0	612.8	67.9	738.7
33347 -- 33417 -- 33527 --	Aluminum ingot[5]	3,135.6	2,754.9	1,234.7	1,543.2	680.6	1,211.7	554.1	24.3	515.3
33347 11	Made in primary aluminum industry (industry 3334)	2,008.6	2,118.6	946.8	965.3	426.7	1,153.3	520.1		
33527 11	Made in aluminum rolling mills (industry 3352)[5]	562.0	86.2	49.0						
33417 11	Made in secondary nonferrous metals industry (industry 3341)	565.1	540.5	230.7	577.9	253.9	58.4	34.0	24.3	515.3
	All other industries		9.6	8.2						
33348 -- 33528 -- 33418 --	Aluminum extrusion billet[5]	604.4	414.0	185.5	290.8	126.8	123.3	58.7	43.7	223.5
33348 11	Made in primary aluminum industry (industry 3334)	254.5	272.1	122.8	193.6	86.2	78.5	36.6	-	-
33528 11	Made in aluminum rolling mills (industry 3352)[5]	288.7	109.0	48.7	64.2	26.6	44.7	22.1	16.2	223.5
33418 11	Made in secondary nonferrous metals industry (industry 3341)	61.2	33.0	13.9	33.0	13.9	-	-	27.4	-
	All other industries									
		(1,000 troy ounces)	(1,000 troy ounces)		(1,000 troy ounces)		(1,000 troy ounces)		(1,000 troy ounces)	(1,000 troy ounces)
3339- --	PRIMARY NONFERROUS METALS, N.E.C., TOTAL	(NA)	(NA)	439.4	(D)	(D)	(D)	(D)	(X)	(X)
33395 -- 33415 --	Precious metals	(NA)	(NA)	246.4	(D)	(D)	(D)	(D)	(X)	(X)
	Unalloyed:									
33395 11 33415 11	Gold	2,505.5	1,493.8	53.6	(D)	(D)	(D)	(D)	941	(D)
33395 51 33415 31	Silver	(NA)	(NA)	107.4	(D)	(D)	(D)	(D)	(NA)	(D)
33395 31 33415 51	Platinum, including platinum-group metals	(NA)	(NA)	25.0	(D)	(D)	(D)	(D)	(NA)	(D)
	Made in industry 3341	(NA)	(NA)	22.7	(D)	(D)	(D)	(D)	(NA)	-
	Made in primary nonferrous metals, n.e.c., industry (industry 3339) and other industries	(NA)	(NA)	2.3	(D)	(D)	(D)	(D)	(NA)	(D)
	Alloys:									
33395 61 33415 71	Silver-base									
33395 65 33415 81	Gold-base									
33395 69 33415 89	Other precious metal, including platinum-group	(NA)	(NA)	60.4	(NA)	60.4	-	-	(NA)	(D)
33415 00	Precious metals, n.s.k									

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total production[2] (gross weight)	Shipments including interplant transfers[1]: Total quantity (gross weight)	Total value (million dollars)	Shipments to all other companies: quantity (gross weight)	Shipments to all other companies: value (million dollars)	Transfers to other plants of the same company: quantity (gross weight)	Transfers to other plants of the same company: value (million dollars)	Shipments of products made from materials owned by others[3] (gross weight)	Produced and consumed in the same plant in manufacture of other products (gross weight)
		1963								
3339- --	PRIMARY NONFERROUS METALS--Continued	(1,000 short tons)	(1,000 short tons)		(1,000 short tons)		(1,000 short tons)		(1,000 short tons)	(1,000 short tons)
33397 -- 33416 --	Other nonferrous metals	(NA)	(NA)	193.0	(D)	(D)	(D)	(D)	(X)	(X)
	Unalloyed:									
33397 21 33416 51	Cadmium	4.1	4.3	17.9	(D)	(D)	(D)	(D)	(D)	(D)
33397 11 33416 61	Magnesium	80.7	56.8	39.5	(D)	(D)	(D)	(D)	-	(D)
33397 51 33416 69	Nickel	1.5	1.1	1.7	1.1	1.7	-	-	-	-
33397 61 33416 71	Tin	(NA)	(NA)	7.9	(D)	(D)	(D)	(D)	(D)	(D)
33397 71 33416 81	Titanium sponge									
33397 79 33416 89	Other unalloyed nonferrous metals including metal bearing furnace residues and other metal products which have to be further refined before sale to customers	(NA)	(NA)	85.0	(NA)	65.4	(NA)	19.5	(NA)	(NA)
	Alloyed:									
33397 92 33416 21	Magnesium-base alloys	31.7	26.7	17.3	(D)	(D)	(D)	(D)	-	(D)
33397 93 33416 31	Nickel-base alloys	3.8	3.7	10.7	3.7	10.7	-	-	(D)	-
33397 98 33416 43	Other nonferrous metal alloys	(NA)	(NA)	7.7	(D)	(D)	(D)	(D)	-	-
33397 00 33416 00	Other nonferrous metals, n.s.k.	(X)	(X)	5.3	(NA)	5.3	-	-	(X)	(X)
3341- --	SECONDARY NONFERROUS METALS, TOTAL	(X)	(X)	3,102.5	(D)	(D)	(D)	(D)	(X)	(X)
33312 -- 33412 --	Refined copper	(X)	(X)	668.6	(D)	(D)	(D)	(D)	(X)	(X)
33312 --	Made by primary copper refiners (industry 3331)	1,796.8	640.7	421.4	(D)	(D)	(D)	(D)	(X)	(X)
33412 --	Made by secondary refiners (industry 3341) and other industries	(X)	(X)	247.2	(D)	(D)	(D)	(D)	(X)	(X)
33312 11 33412 11	Copper unalloyed	1,858.8	725.4	470.3	725.4	470.3	-	-	1,180.2	(D)
33312 15 33412 31	Copper-base alloys	290.4	305.3	196.8	(D)	(D)	(D)	(D)	3.6	(D)
33312 00	Refined primary copper, n.s.k.	(X)	(X)	1.5	(X)	148.8	(X)	-	(X)	(X)
33323 -- 33413 --	Refined lead	(X)	(X)	276.4	(X)	256.7	(X)	19.7	(D)	(D)
33323 --	Made by primary lead refiners (industry 3332)	(X)	(X)	74.5	(X)	(D)	(X)	(D)	(D)	(D)
33413 --	Made by secondary refiners (industry 3341)	(X)	(X)	191.4	(X)	(D)	(X)	(D)	(D)	(D)
	All other industries	(X)	(X)	10.5	(X)	(D)	(X)	(D)	(D)	(D)
33323 11 33413 11	Refined unalloyed lead	629.8	443.7	98.5	421.7	93.7	22.0	4.8	(D)	(D)
33323 11	Made in industry 3332	492.7	312.1	68.6	421.7	93.7	22.0	4.8	(D)	(D)
	All other industries									
33413 11	Made in industry 3341	137.1	131.6	29.9						

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total production[2] (gross weight)	Shipments including interplant transfers[1]: Total quantity (gross weight)	Total value (million dollars)	Shipments to all other companies: quantity (gross weight)	Shipments to all other companies: value (million dollars)	Transfers to other plants of the same company: quantity (gross weight)	Transfers to other plants of the same company: value (million dollars)	Shipments of products made from materials owned by others[3] (gross weight)	Produced and consumed in the same plant in manufacture of other products (gross weight)
		1963								
3341- --	SECONDARY NONFERROUS METALS--Continued	(1,000 short tons)	(1,000 short tons)		(1,000 short tons)		(1,000 short tons)		(1,000 short tons)	(1,000 short tons)
	Lead and tin-base alloys[3]	519.5	479.0	172.8	(D)	(D)	(D)	(D)	(D)	(D)
	Made in industry 3332									
	Made in industry 3341	519.5	479.0	172.8	(D)	(D)	(D)	(D)	(D)	(D)
	All other industries									
33323 31 33413 21	Antimonial lead	329.3	306.7	727.7	265.2	62.7	41.5	10.1	18.5	(D)
33323 33 33413 33	Babbitt metal	14.4	13.4	9.2	(D)	(D)	(D)	(D)	(D)	(D)
33323 51 33413 51	Solder	102.3	100.9	69.8	(D)	(D)	(D)	(D)	1.1	(D)
33323 71 33413 71	Type metal	39.4	34.5	12.5	(D)	(D)	(D)	(D)	(D)	(D)
33323 98 33413 98	Other lead and tin-base alloys	34.2	23.4	8.7	(D)	(D)	(D)	(D)	(D)	(D)
33323 00 33413 00	Refined lead, n.s.k	(X)	(X)	5.1	(X)	5.1	(X)	-	(X)	(X)
33334 -- 33414 --	Refined zinc	1,263.0	1,129.7	273.7	1,092.9	265.2	36.7	8.6	75.4	96.5
33334 --	Made by primary zinc refiners (industry 3333)	1,079.3	975.0	230.3	1,092.9	265.2	36.7	8.6	75.4	96.5
33414 --	Made by secondary refiners (industry 3341)	183.7	154.7	43.5						
	All other industries									
	Unalloyed zinc:									
33334 13 33414 01	Zinc slab, including remelt zinc	971.7	846.6	202.0	836.6	195.4	28.0	6.6	46.5	(D)
33414 01	Made in industry 3341		23.4	5.6						
33334 13	Made in industry 3333	971.7	841.2	196.4	836.6	195.4	28.0	6.6	46.5	(D)
	All other industries									
33334 51 33414 05	Zinc dust	43.1	44.5	12.9	(D)	(D)	(D)	(D)	(D)	(D)
33414 05	Made in industry 3341	16.4	16.3	5.2	(D)	(D)	(D)	(D)	(D)	(D)
33334 51	Made in industry 3333	26.7	28.2	7.7	(D)	(D)	(D)	(D)	(D)	(D)
33334 61 33414 11	Zinc-base alloys	248.2	220.6	58.8	(D)	(D)	(D)	(D)	(D)	(D)
33334 61	Made in industry 3333	106.1	106.4	26.4	(D)	(D)	(D)	(D)	(D)	(D)
33334 61	Made in industry 3341	142.1	114.2	32.4	(D)	(D)	(D)	(D)	(D)	(D)
	All other industries									
33347 -- 33417 -- 33527 --	Aluminum ingot[6]	3,135.6	2,754.9	1,234.7	1,543.2	680.6	1,211.7	554.1	24.3	515.3
33347 11	Made in primary aluminum industry (industry 3334)	2,008.6	2,118.6	946.8	965.3	426.7	1,153.3	520.1		
33527 11	Made in aluminum rolling mills (industry 3352)[5]	562.0	86.2	49.0						
33417 11	Made in secondary nonferrous metals (industry 3341)	565.1	540.5	230.7	577.9	253.9	58.4	34.0	24.3	515.3
	All other industries		9.6	8.2						
33348 -- 33528 -- 33418 --	Aluminum extrusion billet[6]	604.4	414.0	185.5	290.8	126.8	123.3	58.7	43.7	223.5
33348 11	Made in primary aluminum industry (industry 3334)	254.5	272.1	123.8	193.6	86.2	78.5	36.6	-	-
33528 11	Made in aluminum rolling mills (industry 3352)[5]	288.7	109.0	48.7	64.2	26.6	44.7	22.1	16.2	223.5
33418 11	Made in secondary nonferrous metals industry (industry 3341)	61.2	33.0	13.9	33.0	13.9	-	-	27.4	-
	All other industries									

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total production[2] (gross weight)	Shipments including interplant transfers[1]: Total quantity (gross weight)	Total value (million dollars)	Shipments to all other companies: quantity (gross weight)	Shipments to all other companies: value (million dollars)	Transfers to other plants of the same company: quantity (gross weight)	Transfers to other plants of the same company: value (million dollars)	Shipments of products made from materials owned by others[3] (gross weight)	Produced and consumed in the same plant in manufacture of other products (gross weight)
		1963								
3341- --	SECONDARY NONFERROUS METALS--Continued	(1,000 troy ounces)	(1,000 troy ounces)		(1,000 troy ounces)		(1,000 troy ounces)		(1,000 troy ounces)	(1,000 troy ounces)
33395 -- 33415 --	Precious metals	(NA)	(NA)	246.4	(D)	(D)	(D)	(D)	(X)	(X)
	Unalloyed:									
33395 11 33415 11	Gold	2,505.5	1,493.8	53.6	(D)	(D)	(D)	(D)	957.9	(D)
33395 51 33415 31	Silver	(NA)	(NA)	107.4	(D)	(D)	(D)	(D)	(NA)	(D)
33395 31 33415 51	Platinum including platinum-group metals	(NA)	(NA)	25.0	(D)	(D)	(D)	(D)	(NA)	(D)
	Made in industry 3341	(NA)	(NA)	22.7	(D)	(D)	(D)	(D)	(NA)	-
	Made in primary nonferrous metals, n.e.c. industry (industry 3339) and other industries	(NA)	(NA)	2.3	(D))	(D)	(D)	(D)	(NA)	(D)
	Alloys:									
33395 61 33415 71	Silver-base									
33395 65 33415 81	Gold-base									
33395 69 33415 89	Other precious metal, including platinum-group	(NA)	(NA)	60.4	(NA)	60.4	-	-	(NA)	(D)
33415 00	Precious metals, n.s.k									
		(1,000 short tons)	(1,000 short tons)		(1,000 short tons)		(1,000 short tons)		(1,000 short tons)	(1,000 short tons)
33397 -- 33416 --	Other nonferrous metals	(NA)	(NA)	193.0	(D)	(D)	(D)	(D)	(X)	(X)
	Unalloyed:									
33397 21 33416 51	Cadmium	4.1	4.3	17.9	(D)	(D)	(D)	(D)	(D)	(D)
33397 11 33416 61	Magnesium	80.7	56.8	39.5	(D)	(D)	(D)	(D)	-	(D)
33397 51 33416 69	Nickel	1.5	1.1	1.7	1.1	1.7	-	-	-	-
33397 61 33416 71	Tin	(NA)	(NA)	7.9	(D)	(D)	(D)	(D)	(D)	(D)
33397 71 33416 81	Titanium sponge									
33397 79 33416 89	Other unalloyed nonferrous metals, (including metal bearing furnace residues and other metal products which have to be further refined before sale to customers)	(NA)	(NA)	85.0	(NA)	65.4	(NA)	19.5	(NA)	(NA)
	Alloyed:									
33397 92 33416 21	Magnesium-base alloys	31.7	26.7	17.3	(D)	(D)	(D)	(D)	-	(D)
33397 93 33416 31	Nickel-base alloys	3.8	3.7	10.7	3.7	10.7	-	-	(D)	-
33397 98 33416 43	Other nonferrous metal alloys	(NA)	(NA)	7.7	(D)	(D)	(D)	(D)	-	-
33397 00 33416 00	Other nonferrous metals, n.s.k	(X)	(X)	5.3	(NA)	5.3	-	-	(X)	(X)
33410 00	Refined nonferrous metals, n.s.k	(X)	(X)	24.2	(X)	24.2	-	-	(X)	(X)

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated.

[1]Includes shipments of these products produced on a toll basis by others. Where data are shown separately for the various industries producing these products, such shipments are included in the industry for the establishment owning the material. However, production data are included in the industry of the toll producer.

[2]Includes toll production.

[3]Includes shipments to other smelters and refiners, shipments to consumers and to some nonmanufacturing companies which sell directly to consumers.

[4]Includes antimonial lead, babbitt metal, solder, type metal and other lead and tin-base alloys.

[5]Most of the aluminum ingot and billet (alloys) produced by aluminum rolling mills represent duplication of tonnages reported by the Primary Aluminum Industry (3334), in that the metal produced by the rolling mills is made from ingot produced in primary aluminum plants.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
REFINED COPPER (33312 and 33412)		
United States, total..	818.4	668.6
Northeast Region.....	257.1	202.6
New England Div.....	22.6	9.5
Massachusetts.....	EE	(1)
Rhode Island.....	CC	(D)
Connecticut.....	AA	(D)
Middle Atlantic Div.....	234.5	193.1
New York.....	GG	(1)
New Jersey.....	GG	(1)
Pennsylvania.....	86.7	48.9
North Central Region....	215.4	148.8
East North Central Div....	GG	(D)
Ohio.....	17.1	17.1
Indiana.....	CC	(1)
Illinois.....	128.9	68.5
Michigan.....	53.4	52.1
Wisconsin.....	BB	(D)
West North Central Div....	BB	(D)
Kansas.....	BB	(1)
South Region.....	87.4	39.3
South Atlantic Div.....	GG	(D)
Delaware.....	BB	(1)
Maryland.....	GG	(1)
East South Central Div....	EE	(D)
Tennessee.....	BB	(1)
Alabama.....	CC	(1)
West South Central Div....	EE	(D)
Texas.....	EE	(1)
West Region.....	258.4	277.9
Mountain Div.....	GG	(D)
Montana.....	GG	(1)
New Mexico.....	FF	(1)
Arizona.....	FF	(1)
Utah.....	GG	(1)
Nevada.....		
Pacific Div.....	FF	(D)
Washington.....	EE	(1)
California.....	EE	(1)
REFINED LEAD (33323 and 33413)		
United States, total..	358.9	276.4
Northeast Region.....	71.4	59.0
New England Div.....	BB	(D)
Connecticut.....	AA	(D)
Middle Atlantic Div.....	GG	(D)
New York.....	22.7	16.3
New Jersey.....	28.3	30.0
Pennsylvania.....	FF	(1)
North Central Region....	165.9	127.3
East North Central Div....	91.6	78.3
Ohio.....	14.6	13.6
Indiana.....	EE	(1)
Illinois.....	55.3	45.1
Michigan.....	CC	7.0
Wisconsin.....	AA	(1)
REFINED LEAD (33323 and 33413)--Con.		
North Central Region--Con.		
West North Central Div...	66.3	49.0
Minnesota.....	[illegible]	(1)
Missouri.....	FF	(1)
Nebraska.....	FF	(1)
South Region.....	57.8	36.3
South Atlantic Div.....	FF	14.6
Delaware.....	CC	(1)
Maryland.....	[illegible]	(1)
Virginia.....	BB	(D)
North Carolina.....	CC	2.2
Georgia.....	CC	(D)
East South Central Div...	[illegible]	2.2
Tennessee.....	BB	(1)
West South Central Div...	28.1	19.4
Louisiana.....	CC	(1)
Texas.....	FF	(1)
West Region.....	67.6	53.8
Mountain Div.....	FF	(D)
Idaho.....	FF	(1)
Utah.....	AA	(D)
Pacific Div.....	FF	(D)
Oregon.....	BB	(1)
California.....	33.0	27.8
REFINED ZINC (33334 AND 33414)		
United States, total.	315.3	273.7
Northeast Region.....	88.1	74.4
Middle Atlantic Div.....	GG	(D)
New York.....	6.4	(1)
New Jersey.....	CC	(1)
Pennsylvania.....	GG	62.8
North Central Region...	GG	44.6
East North Central Div...	GG	(D)
Ohio.....	EE	(1)
Illinois.....	FF	37.7
Michigan.....	BB	(D)
South Region.....	GG	111.8
South Atlantic Div.....	CC	(D)
Maryland.....	AA	(D)
West Virginia.....	CC	(1)
East South Central Div...	AA	(D)
Alabama.....	AA	(D)
West South Central Div...	GG	(D)
Oklahoma.....	50.8	46.0
Texas.....	GG	(1)
West Region.....	47.9	42.9
Mountain Div.....	FF	(D)
Montana.....	EE	(1)
Idaho.....	FF	(1)
Pacific Div.....	CC	(D)
California.....	CC	5.5
PRECIOUS METALS (33395 and 33415)		
United States, total..	282.4	246.4
Northeast Region.....	149.2	106.9
New England.....	14.1	9.6
Massachusetts.....	EE	(1)
Middle Atlantic Div.....	135.1	97.3
New York.....	8.7	7.8
New Jersey.....	GG	(1)
Pennsylvania.....	FF	(1)
North Central Region....	44.9	44.4
East North Central Div....	EE	(D)
Illinois.....	EE	(1)
West North Central Div....	FF	(D)
Minnesota.....	AA	(D)
Missouri.....	AA	(D)
Nebraska.....	FF	(1)
South Region.....	FF	(D)
South Atlantic Div.....	EE	(D)
Maryland.....	EE	(1)
West South Central Div....	BB	(D)
Texas.....	BB	(1)
West Region.....	GG	(D)
Mountain Div.....	FF	(D)
Idaho.....	EE	(1)
Arizona.....	AA	(D)
Utah.....	(1)	(1)
Pacific Div.....	FF	(D)
Washington.....	EE	(1)
California.....	EE	(1)
OTHER NONFERROUS METAL (33397 AND 33416)		
United States, total..	327.8	193.0
Northeast Region.....	64.3	41.5
New England Div.....	8.4	4.6
Massachusetts.....	BB	(D)
Rhode Island.....	BB	(D)
Middle Atlantic Div.....	55.9	37.0
New York.....	5.8	11.9
New Jersey.....	8.6	5.8
Pennsylvania.....	41.4	19.3
North Central Region....	77.6	47.2
East North Central Div....	FF	(D)
Ohio.....	33.6	27.8
Indiana.....	3.8	4.0
Illinois.....	14.8	8.5
Michigan.....	AA	(1)
West North Central Div....	FF	(D)
Missouri.....	FF	(D)
Nebraska.....	BB	(1)
South Region.....	144.6	77.2
South Atlantic Div.....	7.2	7.1
Maryland.....	BB	(1)
West Virginia.....	BB	(D)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
OTHER NONFERROUS METAL (33397 AND 33416)--Con.		
South Region--Con.		
East South Central Div....	30.8	13.0
Kentucky	EE	(D)
Tennessee	CC	(1)
Alabama	CC	(1)
Mississippi	BB	(1)
West South Central	106.6	57.0
Oklahoma	CC	(1)
Texas	100.8	50.1
West Region	41.4	27.1
Mountain Div.	EE	16.4
Idaho	BB	(1)
Colorado	CC	(1)
Utah	AA	(D)
Nevada	AA	(1)
Pacific Div.	FF	10.7
Washington	BB	(D)
Oregon	FF	(1)
California	AA	(1)
ALUMINUM INGOT (33347, 33417 AND 33527)		
United States, total..	1,675.4	1,234.7
Northeast Region	149.8	173.6
New England	BB	4.7
Connecticut	BB	(1)
Middle Atlantic	GG	168.9
New York	118.2	145.4
New Jersey	CC	8.2
Pennsylvania	FF	15.3
ALUMINUM INGOT (33347, 33417, AND 33527)--Con.		
North Central Region...	384.1	236.8
East North Central Div...	367.5	225.8
Ohio	193.7	149.6
Indiana	127.0	33.0
Illinois	45.1	41.3
Michigan	AA	(1)
West North Central Div...	16.7	11.0
Iowa	BB	(1)
Missouri	BB	(1)
Nebraska	AA	(1)
Kansas	CC	(1)
South Region	727.8	515.4
South Atlantic Div.	GG	(D)
Delaware	CC	(1)
Maryland	AA	(D)
Virginia	CC	(1)
West Virginia	GG	(1)
North Carolina	FF	(1)
South Carolina	AA	(D)
East South Central Div...	GG	(D)
Tennessee	BB	(1)
Alabama	GG	(1)
West South Central Div...	316.4	(D)
Arkansas	GG	(1)
Louisiana	GG	(1)
Texas	GG	(1)
West Region	413.3	308.9
Mountain Div.	FF	(D)
Montana	FF	(1)
Pacific Div.	GG	(D)
Washington	271.0	211.7
Oregon	GG	(1)
California	18.2	18.0
ALUMINUM EXTRUSION BILLET (33348, 33418, AND 33528)		
United States, total..	281.1	185.5
Northeast Region	FF	(D)
Middle Atlantic Div.	EE	(D)
New York	EE	(1)
New Jersey	CC	(1)
North Central Region....	FF	(D)
East North Central Div....	FF	(D)
Ohio	FF	(D)
Indiana	BB	(1)
Michigan	AA	(D)
South Region	GG	(D)
South Atlantic Div.	EE	(D)
North Carolina	AA	(D)
Florida	EE	(1)
East South Central Div....	FF	(D)
Kentucky	BB	(1)
Tennessee	FF	(D)
West South Central Div....	GG	(D)
Arkansas	FF	(1)
Louisiana	GG	(1)
Texas	FF	(1)
West Region	GG	(D)
Pacific Div.	FF	(D)
Washington	FF	22.8
Oregon	EE	(1)
California	BB	(1)

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the follwing ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes- Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
3331-	Primary copper[2]	1,383.3	1,964.9	1,705.0	1,454.2	1,297.1	877.4	892.3	(NA)
33311	Copper smelter products	547.6	835.4	735.7	668.9	628.5	397.7	369.4	237.1
33312	Refined primary copper[2]	818.4	1,129.5	969.3	785.3	668.6	479.7	522.9	(NA)
33310	Primary copper, n.s.k.	17.3	-	-	-	-	-	-	-
3332-	Primary lead[3]	(D)	(D)	(D)	(D)	(D)	(D)	433.7	(NA)
33321	Lead smelter products	(D)	(D)	(D)	(D)	(D)	(D)	118.9	124.8
33323	Refined primary lead[3]	358.9	439.5	432.9	353.5	276.4	280.9	314.8	(NA)
3333-	Primary zinc[4]	339.1	424.5	399.2	353.2	308.5	232.5	251.5	(NA)
33331	Zinc residues and other zinc smelter products	23.8	44.9	40.4	35.3	34.8	25.8	20.5	(NA)
33334	Refined primary zinc[4]	315.3	379.6	358.8	317.9	273.7	206.7	231.0	(NA)
3334-	Primary aluminum[5] [6]	1,963.5	1,948.3	1,816.1	1,596.6	1,420.2	1,057.8	767.5	(NA)
33347	Aluminum ingot, produced in primary aluminum reduction plants[5]	1,682.4	1,658.6	1,578.6	1,356.5	1,234.7	1,057.8	767.5	(NA)
33348	Aluminum extrusion billet, produced in primary aluminum reduction plants[6]	281.1	289.7	237.5	240.1	185.5			
3339-	Primary nonferrous metals, n.e.c.[7] [8]	618.5	632.7	531.9	490.2	439.4	362.7	480.6	(NA)
33395	Precious metals (primary smelting)[7]	282.4	328.4	284.7	267.4	246.4	198.6	192.8	(NA)
33397	Other primary nonferrous metals, including magnesium, smelted, or refined[8]	327.8	299.0	243.8	222.8	193.0	163.3	287.8	(NA)
33390	Primary nonferrous metals, n.e.c., n.s.k.	8.3	5.3	3.4	(NA)	-	0.8	-	(NA)
3341-	Secondary nonferrous metals[9]	4,134.4	4,545.7	4,123.0	3,567.8	3,102.5	2,409.3	2,316.7	(NA)
33412	Secondary copper (ingot, shot, etc.)[9]	818.4	1,129.5	969.3	785.3	668.6	479.7	522.9	(NA)
33413	Secondary lead (ingot, shot, etc.)[9]	358.9	439.5	432.9	353.5	276.4	280.9	314.8	(NA)
33414	Secondary zinc (ingot, shot, etc.)[9]	315.3	379.6	358.8	317.9	273.7	206.7	231.0	(NA)
33417	Aluminum ingot produced by secondary smelters[9]	1,675.4	1,658.6	1,578.6	1,356.5	1,234.7	1,057.8	767.5	(NA)
33418	Aluminum extrusion billet, produced by secondary smelters[9]	281.1	289.7	237.5	240.1	185.5			
33415	Precious metals	282.4	328.4	284.1	267.4	246.4	198.6	192.8	(NA)
33416	Other nonferrous metals[8]	327.8	299.0	243.8	222.8	193.0	163.3	287.8	(NA)
33410	Secondary nonferrous metals, n.s.k.	74.8	21.4	17.4	24.3	24.2	22.2	-	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

[2]Includes product class 33412, Secondary copper, (ingot, shot, etc.), made by secondary smelters, which is primary to industry 3341.

[3]Includes product class 33413, Secondary lead (ingot, shot, etc.), made by secondary smelters, which is primary to industry 3341.

[4]Includes product class 33414, Secondary zinc (ingot, shot, etc.), made by secondary smelters, which is primary to industry 3341.

[5]Includes product class 33417, Aluminum ingot, produced by secondary nonferrous smelters, which is primary to industry 3341 and product class 33527, Aluminum ingot, produced in aluminum rolling mills, which is primary to industry 3352.

[6]Includes product class 33418, Aluminum extrusion billet, produced by secondary smelters, which is primary to industry 3341, and 33528, Aluminum extrusion billet, produced in aluminum rolling mills, which is primary to industry 3352.

[7]Includes product class 33415, Precious metals, produced by secondary refineries (pig ingot, shot, etc.), which is primary to industry 3341.

[8]Includes product class 33416, Other secondary nonferrous metals (pig, ingot, shot, etc.) shipped by secondary smelters, which is primary to industry 3341.

[9]The product classes within industry 3341 include the values for the comparable product class for the specified metal for Industry Group 333- as listed below. The total for 3341- includes all such product classes. Also, product class 33417 includes 33527, Aluminum ingot, and product class 33418 includes 33528, Aluminum extrusion billet, both made in aluminum rolling mills which are primary to industry 3352. 33412 comparable to 33312; 33413 comparable to 33323; 33414 comparable to 33334; 33415 comparable to 33395; 33416 comparable to 33397; 33417 comparable to 33347; 33418 comparable to 33348.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3331.--PRIMARY COPPER[1]					
	Materials, containers, and supplies, total[2]	.....	(X)	904.8	(X)	928.3
	Copper:					
102100	Ores, concentrates and precipitates	Gross weight thousand short tons	3,601.5	485.9	[3]11,084.8	[3]496.3
333121	Refined unalloyed copper (cathodes, ingots, cakes, slabs, etc.)	Thousand short tons	435.7	341.7	(NA)	(NA)
333111	Blister or anode copper[4]	...do			544.2	299.2
999812	Copper and copper-base alloy scrap (purchased scrap only)	...do			13.9	10.1
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	77.2	(X)	122.8
	INDUSTRY 3332.--PRIMARY LEAD[1]					
	Materials, containers and supplies, total[2]	.....	(X)	262.6	(X)	222.3
	Lead:					
103200	Ores and concentrates	Gross weight thousand tons	1,002.6	152.8	866.6	131.7
333233	Refined unalloyed lead	.....				
999813	Lead and lead-base alloy scrap	.....	(X)	109.8	(X)	90.6
970099	All other materials and components, parts, containers, and supplies consumed	.....				
	INDUSTRY 3333.--PRIMARY ZINC[1]					
	Materials, containers, and supplies, total	.....	(X)	189.1	(X)	151.9
	Zinc:					
103300	Ores and concentrates	Gross weight thousand short tons	1,757.3	147.5	1,878.8	118.4
333341	Refined unalloyed zinc	Thousand short tons	[5]	[5]	16.0	3.6
999814	Zinc and zinc-base alloy scrap, including drosses and skimmings (purchased scrap only)	...do	124.1	15.9	106.4	12.9
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	25.7	(X)	16.9
	INDUSTRY 3334.--PRIMARY ALUMINUM[1]					
	Materials, containers, and supplies, total	.....	(X)	637.4	(X)	434.3
281951	Alumina	1,000 gross weight short tons	5,692.5	365.6	4,461.6	291.2
999812	Copper and copper-base alloy scrap (purchased scrap only)	1,000 short tons			4.6	2.6
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	271.8	(X)	140.6

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3341.--SECONDARY NONFERROUS METALS[1]					
	Materials, containers and supplies, total	.....	(X)	1,012.9	X	676.6
333471	Aluminum ingot	Short tons	51.3	19.8	86.9	33.3
	Aluminum and aluminum-base alloy scrap (purchased scrap only):					
999809	From other establishments of the same company	...do	317.1	91.8	229.8	63.7
999810	From all other sources	...do	301.7	88.8	333.7	82.3
	Copper:					
333121	Refined unalloyed copper (cathodes, ingot, cakes, slabs, etc.)	...do	23.3	15.2	6.4	3.6
999812	Copper and copper-base alloy scrap (purchased scrap only etc.)	...do	417.5	256.6	357.5	159.0
	Lead:					
333233	Refined unalloyed lead	..do	50.7	13.1	122.9	26.5
999813	Lead and lead-base alloy scrap (purchased scrap only)	..do	530.2	109.2	524.1	77.3
	Zinc:					
333341	Refined unalloyed zinc	..do	70.0	19.6	68.8	17.2
999814	Zinc and zinc-base alloy scrap (purchased scrap only)	..do	99.5	17.3	81.8	11.5
	Tin:					
333976	Refined unalloyed tin	..do	40.0	46.5	13.6	31.2
999815	Tin plate scrap	..do			352.6	9.1
970099	All other items, components, parts, containers and supplies consumed	.....	(X)	230.8	-	161.9
976000	All other materials, n.s.k.[6]	.....	(X)	104.2	(X)	-

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Smelting and refining establishments were instructed to include in their reports the quantity and cost of purchased materials which they processed or furnished to others for toll processing, but to exclude materials processed on a toll basis for others. Accordingly the data shown in this table exclude considerable quantities of materials consumed by establishments in this industry in the production of the products shown in table 3.

[2]The cost of materials for this industry includes extensive duplication. This duplication arises because the products of some establishments are used as materials by other establishments in the same industry.

[3]Includes leaching ores received in crude form from mines by leaching plants operated in conjunction with smelting and refining operations. Such ores represent about half the total quantity of ores, concentrates and precipitates consumed but about 15 percent of the value of these materials.

[4]Excludes materials consumed by establishments producing copper by leaching or from Lake Superior ores as no distinct blister stage exists in the production at these establishments.

[5]Included with material code 970099, "All other materials and components, parts, containers, and supplies consumed," to avoid disclosing figures for individual companies.

[6]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Primary copper (SIC 3331)	Primary lead (SIC 3332)	Primary zinc (SIC 3333)	Primary aluminum (SIC 3334)	Primary nonferrous metals, n.e.c. (SIC 3339)	Secondary nonferrous metals (SIC 3341)
	Cost of purchased fuels and electric energy, total.....	Million dollars.	21.5	7.1	22.9	176.8	15.6	17.4
	Cost of purchased fuels, total.....	...do.....	14.9	6.0	14.4	33.2	4.3	12.7
121005	Coal (anthracite, bituminous, and lignite):							
	Quantity.....	1,000 short tons	159.7	(D)	678.6	(D)	(D)	1.7
	Cost.....	Million dollars.	1.5	D)	5.1	(D)	(D)	(Z)
331212 331213	Coke, screenings, and breeze:							
	Quantity.....	1,000 short tons	12.8	153.9	197.4	-	(D)	19.6
	Cost.....	Million dollars.	0.3	3.6	2.4	-	(D)	0.6
	Fuel oil, total:							
	Quantity.....	1,000 barrels...	1,574.9	33.6	(D)	142.9	104.4	575.0
	Cost.....	Million dollars.	3.6	0.1	(D)	0.5	0.5	2.0
291141	Distillate:							
	Quantity.....	1,000 barrels...	120.9	(D)	(D)	36.2	(D)	343.6
	Cost.....	Million dollars.	0.5	(D)	(D)	0.2	(D)	1.3
291151	Residual:							
	Quantity.....	1,000 barrels...	1,454.0	(D)	-	106.7	(D)	227.0
	Cost.....	Million dollars.	3.1	(D)	-	0.3	(D)	0.7
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):							
	Quantity.....	Million cu. ft..	26,306.6	3,192.9	27,345.9	130,815.3	8,283.6	11,677.1
	Cost.....	Million dollars.	8.7	1.3	6.8	26.7	3.3	5.9
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	Million dollars.	Z)	0.2	(Z)	0.4	(Z)	0.6
	Fuels, n.s.k.....	Million dollars.	0.6	0.1	0.1	Z)	(Z)	3.6
	Purchased electric energy:							
	Quantity.....	Million kw.-hrs.	859.8	113.5	1,493.0	41,956.9	2,492.5	366.1
	Cost.....	Million dollars.	6.6	1.1	8.5	143.6	11.3	4.7
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	S)	(S)	818.7	11,648.0	-	-
	Total energy used for heat and power[1].....	Million kw.-hrs. equivalent.....	13,119.8	2,868.8	17,334.2	108,348.8	5,267.0	5,107.2

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding)in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review. (Z) Under $50 thousand.

[1]Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments, and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3331	PRIMARY COPPER										
	ENTIRE INDUSTRY	32	11.6	80.6	9.2	18.1	61.0	262.6	935.0	1 184.1	51.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	25	7.3	51.4	5.9	11.0	38.9	197.9	813.3	1 016.6	36.1
33311	COPPER SMELTER PRODUCTS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	15	5.0	34.5	4.0	7.8	25.7	106.8	422.6	526.1	32.8
33312	REFINED PRIMARY COPPER (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	12	4.8	32.8	3.9	7.5	25.5	100.1	457.6	548.7	12.9
3332	PRIMARY LEAD										
	ENTIRE INDUSTRY	19	2.7	18.9	2.1	4.3	13.3	48.3	270.8	304.0	18.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	9	1.5	10.5	1.1	2.3	7.3	32.1	126.5	143.5	(D)
33323	REFINED PRIMARY LEAD (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	12	1.8	12.6	1.4	2.9	9.1	22.8	184.8	205.7	2.5
3333	PRIMARY ZINC										
	ENTIRE INDUSTRY	18	8.1	57.8	6.4	13.5	42.9	119.5	220.8	332.8	25.8
33334	REFINED PRIMARY ZINC (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	15	7.6	54.9	6.1	12.8	40.7	114.5	214.6	322.5	25.7
3334	PRIMARY ALUMINUM										
	ENTIRE INDUSTRY	25	23.8	190.9	19.2	38.4	145.2	811.8	841.6	1 608.7	151.7
33347	ALUMINUM INGOT, PRIMARY ALUMINUM REDUCTION PLANTS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	22	22.5	180.4	18.1	36.4	137.0	782.0	793.0	1 531.7	128.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	18	17.5	141.3	14.2	28.6	108.7	604.2	641.6	1 211.3	121.5
3339	PRIMARY NONFERROUS METALS, NEC										
	ENTIRE INDUSTRY	50	7.2	56.9	5.2	11.2	38.1	139.3	158.1	284.4	25.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	43	6.2	49.6	4.7	9.9	34.0	121.2	136.8	247.4	21.3
33397	OTHER PRIMARY NONFERR. METALS, SMELTED, REFINED (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	28	6.9	55.1	5.0	10.7	36.6	130.9	119.6	240.9	22.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	22	6.0	48.2	4.5	9.6	32.9	113.3	98.3	204.4	20.8
3341	SECONDARY NONFERROUS METALS										
	ENTIRE INDUSTRY	403	17.2	122.8	12.8	26.6	78.4	271.2	1 314.0	1 586.0	23.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	366	15.5	111.5	11.5	24.0	71.4	242.5	1 249.0	1 493.2	22.0
33412	SECONDARY COPPER (PIG, INGOT, SHOT, ETC.) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	42	3.8	30.3	2.7	5.5	17.6	52.7	410.9	464.3	3.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	31	2.2	18.9	1.5	3.3	10.3	29.7	272.5	301.6	1.7
33413	SECONDARY LEAD (PIG, INGOT, SHOT, ETC.) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	62	3.4	23.3	2.4	5.2	14.7	43.0	218.6	263.5	3.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	50	2.4	16.5	1.8	3.8	10.5	26.9	149.0	178.5	3.0
33414	SECONDARY ZINC (PIG, INGOT, SHOT, ETC.) (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	14	.6	4.2	.4	.9	2.6	7.9	30.3	39.1	.5
33415	PRECIOUS METALS PRODUCED BY SECONDARY REFINERIES (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	22	1.2	8.2	.8	1.5	4.7	30.2	144.7	174.4	1.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	22	1.2	8.2	.8	1.5	4.7	30.2	144.7	174.4	1.6
33416	OTHER SECONDARY NONFERROUS METALS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	10	.6	4.6	.4	.9	2.9	19.5	104.9	121.5	3.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	10	.6	4.6	.4	.9	2.9	19.5	104.9	121.5	3.3
33417	ALUMINUM INGOT, PRODUCED BY SECONDARY SMELTERS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	54	4.8	34.5	3.7	8.0	23.5	71.5	289.4	362.6	8.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION.	48	4.1	29.7	3.2	6.9	20.5	61.8	247.8	311.6	7.3
33418	ALUMINUM EXTRUSION BILLET, SECONDARY SMELTERS (PRIMARY PRODUCT CLASS OF ESTABLISHMENT).	9	.5	3.0	.4	.9	2.2	9.6	37.2	46.8	1.1

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

NONFERROUS METAL MILL AND FOUNDRY PRODUCTS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3351--Rolling, Drawing, and Extruding of Copper
3352--Rolling, Drawing, and Extruding of Aluminum
3356--Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum
3357--Drawing and Insulating of Nonferrous Wire
3361--Aluminum Castings
3362--Brass, Bronze, Copper, Copper Base Alloy Castings
3369--Nonferrous Castings, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3351--ROLLING, DRAWING, AND EXTRUDING OF COPPER

This industry comprises establishments primarily engaged in rolling, drawing, and extruding copper, brass, bronze, and other copper-base alloy basic shapes, such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering copper and its alloys from scrap or dross are classified in industry 3341.

This industry includes a variety of operations ranging from rod, wire, tube, and flat product mills to machine shop and fabricating activities. Accordingly, in order to provide a measure of the relative importance of these departments, data were collected on man-hours worked and production worker wages paid for each of several departments. The resulting data are shown in table 9.

Also, based on the data reported for these various departmental operations, it was possible to further classify the establishments of this industry into two "subindustries," i.e., establishments with casting facilities and establishments without casting facilities.

Separate data are shown for these subindustries in tables 1A, 2, 3, 4, and 9. For a detailed list of products of industry 3351, refer to table 6A, product codes 3351111 to 3351238.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Copper Rolling and Drawing Industry in 1967 totaled $2,391 million. This included shipments of rolled and drawn copper (primary products), valued at $2,062 million, shipments of other products (secondary products) valued at $223 million, and miscellaneous receipts of $106 million.

This industry's shipments of rolled and drawn copper (primary products) in 1967 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was also 90 percent. Secondary products shipped by this industry in 1967 consisted mainly of rolled drawn and extruded aluminum ($68 million). Other nonferrous rolling and drawing, n.e.c. ($12 million).

Industry 3351 shipments of rolled and drawn copper (primary products) in 1967 represented 93 percent (coverage ratio) of these products valued at $2,217 million shipped by all industries. In 1963, the coverage ratio was 91 percent. Other industries shipping rolled and drawn copper (primary products) consisted mainly of industry 3357, Nonferrous Wiredrawing and Insulating, $124 million.

3352--ROLLING, DRAWING, AND EXTRUDING OF ALUMINUM

This industry comprises establishments primarily engaged in rolling, drawing, and extruding aluminum and aluminum base alloy basic shapes such as plate, sheet, strip, bar, tubing and foil.

Companies with establishments classified in this industry were queried as to whether or not the company also operated aluminum reduction facilities. Based on this inquiry, it was possible to further classify the establishments into two "subindustries," i.e., establishments operated by primary (integrated) producers, and establishments operated by nonintegrated producers. This subindustry classification system differs significantly from the subindustry definitions used in industries 3312, Blast Furnaces and Steel Mills; 3351, Copper Rolling and Drawing; and 3357, Nonferrous Wire Drawing, Etc., in that the definition for these other primary metal industries are based on the types of facilities existing at each separate establishment.

Separate data are shown for the subindustries of this industry in tables 1A, 4, and 9. For a detailed list of products of industry 3352, refer to table 6A, product codes 3352111 to 3352811.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Aluminum Rolling and Drawing Industry in 1967 totaled $2,959 million. This included shipments of rolled and drawn aluminum (primary products), valued at $2,506 million, shipments of other products (secondary products) valued at $321 million, and miscellaneous receipts (mainly resales) of $132 million.

This industry's shipments of rolled and drawn aluminum (primary products) in 1967 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 85 percent. Secondary products shipped by this industry in 1967 included metal foil and leaf ($96 million).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 46 percent of the total industry shipments are represented by plants specializing in product class 33522, Aluminum plate and sheet (including foil stock).

Industry 3352 shipments of rolled and drawn aluminum (primary products) in 1967 represented 89 percent (coverage ratio) of these products valued at $2,812 million shipped by all industries. In 1963, the coverage ratio was 93 percent. Other industries shipping rolled and drawn aluminum (primary products) consisted mainly of industry 3357, Nonferrous Wiredrawing and Insulating, $201 million and industry 3351, Copper Rolling and Drawing, $68 million.

3356--ROLLING, DRAWING, AND EXTRUDING OF NONFERROUS METALS, EXCEPT COPPER AND ALUMINUM

This industry comprises establishments primarily engaged in rolling, drawing, and extruding nonferrous metals other than copper (industry 3351), and aluminum (industry 3352). The products of this industry are produced in the form of basic shapes, such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering nonferrous and alloys from scrap or dross are classified in industry 3341; in manufacturing gold, silver, tin, and other foils except aluminum, in industry 3497; and aluminum foil in industry 3352. For a detailed list of products of industry 3356, refer to table 6A, product codes 3356043 to 3356098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Nonferrous Rolling And Drawing, N.E.C., Industry in 1967 totaled $984 million. This included shipments of rolled and drawn nonferrous metals, n.e.c. (primary products), valued at $854 million, shipments of other products (secondary products) valued at $108 million, and miscellaneous receipts (mainly resales) of $22 million.

This industry's shipments of rolled and drawn nonferrous metals, n.e.c. (primary products) in 1967 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 84 percent.

Industry 3356 shipments of rolled and drawn nonferrous metals, n.e.c. (primary products) in 1967 represented 84 percent (coverage ratio) of these products valued at $1,012 million shipped by all industries. In 1963, the coverage ratio was 81 percent. Other industries shipping rolled and drawn nonferrous metals, n.e.c. (primary products) included industry 3357, Nonferrous Wiredrawing and Insulating, $33 million and industry 3352, Aluminum Rolling and Drawing, $29 million.

3357--DRAWING AND INSULATING OF NONFERROUS WIRE

This industry comprises establishments primarily engaged in drawing, drawing and insulating, and insulating wire and cable of nonferrous metals from purchased wire bars, rods, or wire.

Based on the data reported for various departmental operations, it was possible to classify the establishments into four "subindustries," i.e., establishments with wire drawing department and rod mill, establishments with wire drawing department with neither a rod mill nor an insulating department, establishments with wire drawing and insulating departments but without rod mill, and establishments without a wire drawing department.

The subindustry data shown in tables 1A, 4, and 9 are based on this system of classification. For a detailed list of products of industry 3357, refer to table 6A, product codes 3357111 to 3357900.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Nonferrous Wiredrawing and Insulating Industry in 1967 totaled $3,592 million. This included shipments of nonferrous wiredrawing and insulating products (primary products), valued at $3,248 million, shipments of other products (secondary products) valued at $243 million, and miscellaneous receipts of $101 million.

This industry's shipments of nonferrous wiredrawing and insulating products (primary products) in 1967 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 91 percent. Secondary products shipped by this industry in 1967 consisted mainly of rolled and drawn aluminum ($201 million) and rolled and drawn copper ($124 million).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 31 percent of the total industry shipments are represented by plants specializing in product classes 33574, Communication wire and cable.

Industry 3357 shipments of nonferrous wire drawing and insulating products (primary products) in 1967 represented 89 percent (coverage ratio) of these products valued at $3,651 million shipped by all industries. In 1963, the coverage ratio was 86 percent.

NONFERROUS FOUNDRIES

This group is comprised of three foundry industries, namely industry 3361, Aluminum Castings, industry 3362, Brass, Bronze, Copper Castings, and industry 3369, Nonferrous Castings, N.E.C. These foundry industries comprise establishments primarily engaged in manufacturing aluminum castings, including cast aluminum cooking utensils (3361), brass, bronze, and copper castings including unmachined bearings and bushings (3362), and other nonferrous castings (3369).

For these industries, captive production (that is, the tonnage of castings produced for incorporation into the final product of the plant or company) is a particularly important factor. Distinction is made between rough castings and castings which are machined or further processed and incorporated into other products. The removal of gates, risers, sprues, and tumbling, dipping, and sand blasting do not constitute machining. Plants primarily engaged in manufacturing castings are included in the foundry industries; plants primarily engaged in further processing castings into parts for metal products or machinery are classified in other major groups.

For the 1967 and 1963 census of manufactures separate establishment reports were received from all commercial (jobbing) foundries and from those captive foundries which were operated as separate establishments by the reporting companies. These two groups comprise the types of establishments included in industries 3361, 3362, and 3369. However, where the captive foundry operation was completely integrated with the operations of the entire plant, no separate establishment report was received for the foundry activity. In these instances data were obtained on the tonnage of castings produced and consumed and on the number of employees usually engaged in the captive foundry operation. However, establishments with such foundry departments were classified on the basis of the plant's final product and accordingly, the general statistics on employment, payrolls, cost of materials, etc., are included in the data for such industries as Plumbing Fittings, Brass Goods (3432) and Valves and Pipe Fittings (3494), etc.

The data shown in table 6A-1 for nonferrous castings represent total shipments and transfers including the quantity of castings shipped by establishments classified in industries other than the foundry industries (3361, 3362, and 3369). For those industries where captive foundry departments are particularly important, data on the tonnage of castings

produced and consumed are shown in table 7A of the individual industry reports covering the specific industries.

During 1967 and 1963 the Bureau of the Census also collected and published monthly data on shipments of nonferrous castings. These monthly data were derived from a sample survey and were published in Current Industrial Reports Series M33E, Nonferrous Castings. The M33E series includes data for both commercial and captive foundry production and shows separately shipments "for sale" and shipments "for own use."

It should be specifically noted that the quantity and value data on shipments of nonferrous castings in table 6A-1 do not include the quantity and value of the large quantity of castings produced by establishments classified in other industries which produce castings only for incorporation into their own products or for internal use but not for sale as such.

3361--ALUMINUM CASTINGS

This industry comprises establishments primarily engaged in manufacturing castings and diecastings of aluminum. For a detailed list of products of industry 3361, refer to table 6A product codes 3361011 to 3361075.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Aluminum Castings Industry in 1967 totaled $920 million. This included shipments of aluminum castings (primary products), valued at $753 million, shipments of other products (secondary products) valued at $149 million, and miscellaneous receipts (mainly resales) of $18 million.

This industry's shipments of aluminum castings (primary products) in 1967 represented 83 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 81 percent. Secondary products shipped by this industry in 1967 consisted mainly of nonferrous castings, n.e.c. ($72 million), brass, bronze, and copper castings ($24 million), and special dies, tools, jigs, and fixtures ($22 million).

Industry 3361 shipments of aluminum castings (primary products) in 1967 represented 85 percent (coverage ratio) of these products valued at $885 million shipped by all industries. In 1963, the coverage ratio was 83 percent. Other industries shipping aluminum castings (primary products) consisted mainly of industry 3369, Nonferrous Castings, N.E.C., $57 million.

3362--BRASS, BRONZE, COPPER, COPPER BASE ALLOY CASTINGS

This industry comprises establishments primarily engaged in manufacturing castings and die castings of copper and copper-base alloy. For a detailed list of products of industry 3362, refer to table 6A, product codes 3362011 to 3362071.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Brass, Bronze, and Copper Castings Industry in 1967 totaled $445 million. This included shipments of brass, bronze, and copper castings (primary products), valued at $355 million, shipments of other products (secondary products) valued at $75 million, and miscellaneous receipts (mainly resales) of $15 million.

This industry's shipments of brass, bronze, and copper castings (primary products) in 1967 represented 83 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 84 percent.

Industry 3362 shipments of brass, bronze, and copper castings (primary products) in 1967 represented 82 percent (coverage ratio) of these products valued at $432 million shipped by all industries. In 1963, the coverage ratio was 78 percent. Other industries shipping brass, bronze, and copper castings (primary products) consisted mainly of industry 3361, Aluminum Castings, $24 million.

3369--NONFERROUS CASTINGS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing castings and die castings of nonferrous materials, except aluminum, copper, and copper-base alloys. For a detailed list of products of industry 3369, refer to table 6A, product codes 3369151 to 3369998.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Nonferrous Castings, N.E.C., Industry in 1967 totaled $556 million. This included shipments of nonferrous castings, n.e.c. (primary products), valued at $453 million, shipments of other products (secondary products) valued at $94 million, and miscellaneous receipts (mainly resales) of $9 million.

This industry's shipments of nonferrous castings, n.e.c. (primary products) in 1967 represented 83 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 78 percent. Secondary products shipped by this industry in 1967 consisted mainly of aluminum castings ($57 million), and special dies, tools, jigs and fixtures ($17 million).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 64 percent of the total industry shipments are represented by plants specializing in product class, Zinc and zinc-base alloys.

Industry 3369 shipments of nonferrous castings, n.e.c. (primary products) in 1967 represented 82 percent (coverage ratio) of these products valued at $551 million shipped by all industries. In 1963, the coverage ratio was 75 percent. Other industries shipping nonferrous castings, n.e.c. (primary products) consisted mainly of industry 3361, Aluminum Castings, $72 million.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For the industries included in this report, these establishments accounted for approximately the following percentages of payroll and value added by manufacture: industry 3361, 1 percent and 2 percent; industry 3362, 2 percent and 2 percent. For all other industries in this report, less than one percent of payroll and value added were accounted for by administrative records.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3351.--COPPER ROLLING AND DRAWING														
1967 Census	125	108	40.3	293.9	32.2	64.5	219.0	704.4	1,658.2	2,391.1	68.0	276.3	90	93
Establishments with casting department[3]	43	43	28.4	209.0	22.9	45.5	158.2	484.9	1,078.3	1,583.3	48.3	195.1	(NA)	(NA)
Establishments without casting department[3]	82	65	11.9	84.9	9.4	19.0	60.8	219.5	579.9	807.8	19.7	81.2	(NA)	(NA)
1966 ASM[1]	(NA)	(NA)	40.9	314.3	33.3	72.0	244.1	897.9	1,985.7	2,846.3	59.9	303.5	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	39.5	285.3	32.0	67.8	218.9	617.4	1,647.1	2,254.0	44.5	238.3	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	39.5	273.6	31.9	67.3	210.4	525.9	1,387.4	1,923.5	34.5	221.4	(NA)	(NA)
1963 Census	112	92	38.9	260.3	31.5	65.7	200.2	478.4	1,188.5	1,657.5	43.5	218.4	90	91
Establishments with casting department[3]	36	36	25.8	175.0	20.8	43.8	135.8	305.1	687.4	985.6	27.0	150.2	(NA)	(NA)
Establishments without casting department[3]	76	56	13.2	85.3	10.7	22.0	64.4	173.3	501.1	671.9	16.5	68.2	(NA)	(NA)
1962 ASM[1]	(NA)	(NA)	41.2	269.6	32.4	67.2	192.2	476.7	1,177.3	1,654.4	39.4	207.8	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	39.4	250.1	30.9	62.9	175.1	473.5	1,017.5	1,479.6	*26.4	194.4	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	39.6	237.4	31.8	63.0	165.3	452.5	994.8	1,416.9	17.4	181.3	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	43.1	260.1	34.6	72.5	199.0	553.9	1,092.2	1,639.3	25.3	191.2	(NA)	(NA)
1958 Census[2]	105	89	40.3	222.3	31.8	63.3	165.4	445.4	775.6	1,209.9	44.1	182.3	88	94
INDUSTRY 3352.--ALUMINUM ROLLING AND DRAWING														
1967 Census	218	163	61.5	479.4	48.7	101.0	354.9	938.7	2,057.9	2,958.9	155.6	668.1	89	89
Establishments operated by primary (integrated) producers[4]	44	44	44.7	366.5	35.9	73.8	279.6	697.9	1,527.9	2,194.0	120.2	540.3	(NA)	(NA)
Establishments operated by nonintegrated producers[4]	174	119	16.8	112.9	12.8	27.2	75.3	240.8	529.9	764.9	35.4	127.8	(NA)	(NA)
1966 ASM[1]	(NA)	(NA)	63.4	491.9	50.7	109.4	374.2	861.6	2,280.5	3,099.8	126.4	609.6	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	57.6	430.2	45.5	98.2	323.7	711.5	1,908.2	2,597.4	140.8	550.9	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	56.1	393.5	44.2	93.6	292.7	656.4	1,651.2	2,297.2	72.2	527.9	(NA)	(NA)
1963 Census	212	153	54.3	376.6	42.7	89.9	278.5	721.2	1,524.8	2,196.4	81.3	511.9	85	93
Establishments operated by primary (integrated) producers[4]	44	43	40.2	293.9	31.7	66.5	221.7	547.8	1,200.0	1,711.6	64.7	427.2	(NA)	(NA)
Establishments operated by nonintegrated producers[4]	162	110	14.1	82.8	11.0	23.4	56.7	173.3	324.9	484.8	16.5	84.7	(NA)	(NA)
1962 ASM[1]	(NA)	(NA)	54.4	343.6	42.8	89.6	252.8	611.2	1,423.5	2,016.6	76.6	455.8	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	52.1	321.3	40.7	86.3	233.5	564.6	1,338.3	1,881.7	60.0	431.3	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	52.6	310.5	40.9	86.1	224.0	536.8	1,230.2	1,737.7	76.1	420.4	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	55.4	323.4	44.3	93.9	239.7	615.2	1,366.5	1,939.6	81.0	393.1	(NA)	(NA)
1958 Census[2]	185	129	46.9	272.2	36.4	75.3	199.6	537.1	1,057.4	1,562.4	131.8	341.5	91	92
INDUSTRY 3356.--NONFERROUS ROLLING AND DRAWING, N.E.C.														
1967 Census	142	74	21.3	163.5	14.8	30.9	100.4	351.7	637.2	984.0	58.1	261.1	89	84
1966 ASM[1]	(NA)	(NA)	21.3	166.3	15.1	32.4	103.9	380.1	694.2	1,051.1	47.7	272.7	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	18.3	135.3	12.8	27.7	84.1	291.3	551.0	817.1	39.7	229.8	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	17.3	123.8	12.0	25.6	76.1	252.5	443.5	690.3	37.8	215.2	(NA)	(NA)
1963 Census	125	67	17.4	117.5	12.3	25.4	74.1	250.6	405.0	641.0	22.2	205.9	84	81
1962 ASM[1]	(NA)	(NA)	18.6	124.6	12.9	26.9	82.1	216.6	480.4	687.7	24.6	198.3	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	18.4	120.0	12.7	26.0	74.7	222.9	452.3	661.0	22.6	186.4	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	17.5	110.7	12.2	24.4	67.7	185.2	423.1	608.2	14.1	163.2	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	17.8	108.8	12.6	25.7	68.2	216.9	395.0	596.2	*13.5	163.2	(NA)	(NA)
1958 Census[2]	143	73	16.6	94.7	11.5	22.5	57.4	174.6	306.6	486.3	15.0	149.0	77	82

See footnotes at end of table.

TABLE 1A. General Statistics: 1958 to 1967—Continued

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3357.--NONFERROUS WIREDRAWING AND INSULATING														
1967 Census	348	275	71.7	501.6	55.3	117.0	352.7	1,330.1	2,304.2	3,591.4	188.3	518.7	93	89
Wiredrawing establishments with rod mill	19	19	8.6	64.9	6.8	14.4	46.7	177.7	435.1	609.8	23.0	74.2	(NA)	(NA)
Wiredrawing establishments with neither rod mill nor insulating department	32	31	4.8	32.9	3.9	8.2	23.5	74.2	144.4	213.8	7.2	35.2	(NA)	(NA)
Wiredrawing establishments without rod mill but with insulating department	102	99	39.2	285.2	29.6	62.4	199.6	774.6	1,279.2	2,025.2	84.5	309.8	(NA)	(NA)
Wire insulating establishments with neither rod mill nor wire drawing departments	195	126	19.1	118.6	15.0	32.0	82.9	303.6	445.5	742.6	73.6	99.5	(NA)	(NA)
1966 ASM[1]	(NA)	(NA)	68.8	487.8	54.1	117.1	348.7	1,341.2	2,394.3	3,711.1	190.0	466.7	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	61.5	412.8	48.4	102.8	296.9	989.5	1,961.8	2,919.5	90.2	398.1	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	54.6	347.9	42.7	90.3	248.1	763.6	1,541.9	2,320.9	47.1	328.1	(NA)	(NA)
1963 Census	299	227	56.4	339.9	43.9	90.4	240.9	677.5	1,452.1	2,117.9	44.5	339.3	91	86
Wiredrawing establishments with rod mill[5]; Wiredrawing establishments with neither rod mill nor insulating department[5]; Wiredrawing establishments without rod mill but with insulating department[5]	145	132	49.3	272.6	34.3	70.8	194.1	535.5	1,201.8	1,730.0	38.1	282.2	(NA)	(NA)
Wire insulating establishments with neither rod mill nor wire drawing departments[5]	154	96	12.5	67.4	9.6	19.6	44.8	142.1	250.3	388.0	6.3	57.1	(NA)	(NA)
1962 ASM[1]	(NA)	(NA)	54.7	329.7	42.4	87.8	230.7	649.3	1,253.9	1,895.9	45.5	331.1	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	52.9	302.0	40.5	83.1	210.3	482.9	1,122.0	1,862.1	43.5	307.6	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	55.3	311.3	42.1	87.8	217.8	619.7	1,126.8	1,744.8	42.9	302.0	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	55.0	302.7	44.5	89.7	216.0	629.9	1,125.9	1,750.5	42.1	306.1	(NA)	(NA)
1958 Census[2]	278	182	51.9	271.9	39.8	81.7	191.0	530.1	941.3	1,466.0	35.4	282.3	95	83
INDUSTRY 3361.--ALUMINUM CASTINGS														
1967 Census	992	411	45.2	312.9	38.8	78.8	243.6	516.6	405.7	920.5	38.7	67.2	83	85
1966 ASM[1]	(NA)	(NA)	44.8	300.8	38.1	78.6	231.5	499.4	421.4	916.8	38.9	64.3	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	39.9	265.3	33.8	69.8	206.2	436.2	382.8	813.9	46.6	67.7	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	36.8	240.6	31.0	65.2	188.1	381.7	332.2	708.7	25.9	56.7	(NA)	(NA)
1963 Census	954	321	36.2	222.8	30.7	63.4	174.2	343.9	299.4	640.2	18.4	46.9	81	83
1962 ASM[1]	(NA)	(NA)	38.4	228.9	32.7	66.2	178.9	363.4	295.0	656.4	17.7	43.0	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	34.5	194.8	28.6	58.6	147.9	283.4	271.3	556.0	14.9	42.6	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	35.7	198.5	29.7	61.9	151.2	286.7	273.3	564.3	24.9	41.4	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	36.4	197.0	30.5	61.6	151.3	291.8	264.3	552.8	23.4	52.8	(NA)	(NA)
1958 Census[2]	955	283	30.0	158.9	24.6	48.7	119.2	225.7	198.6	422.0	12.2	43.6	79	81
INDUSTRY 3362.--BRASS, BRONZE, AND COPPER CASTINGS														
1967 Census	534	207	17.9	119.8	15.1	30.6	89.2	226.8	218.0	445.2	12.4	52.5	83	82
1966 ASM[1]	(NA)	(NA)	17.9	112.7	15.2	31.9	84.3	216.9	239.4	451.7	9.9	46.1	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	16.3	101.8	13.4	28.5	74.5	177.0	193.7	369.4	7.5	39.3	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	15.7	92.7	13.0	27.4	69.9	158.3	160.2	317.2	*8.3	38.5	(NA)	(NA)
1963 Census	549	193	15.3	86.3	12.8	26.1	65.1	144.1	144.4	287.5	5.4	32.6	84	78
1962 ASM[1]	(NA)	(NA)	17.8	97.6	14.6	28.8	71.0	155.2	150.2	304.4	5.3	33.9	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	17.2	89.0	14.0	27.3	64.8	149.6	137.6	283.8	3.8	31.9	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	16.8	85.7	13.6	26.6	62.3	137.4	133.4	274.5	4.9	28.6	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	16.4	81.0	13.8	27.3	61.9	131.7	136.6	267.4	4.5	27.0	(NA)	(NA)
1958 Census[2]	665	209	14.9	70.5	12.3	23.5	52.8	109.7	111.6	221.0	5.1	26.0	85	81

See footnotes at end of table.

TABLE 1A. General Statistics: 1958 to 1967—Continued

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
	INDUSTRY 3369.--NONFERROUS CASTINGS, N.E.C.													
1967 Census	360	180	26.6	176.7	22.1	45.0	131.2	324.1	233.0	556.3	18.2	51.7	83	82
1966 ASM[1]	(NA)	(NA)	22.8	149.9	19.4	42.4	116.9	274.5	227.7	498.3	19.5	41.2	(NA)	(NA)
1965 ASM[1]	(NA)	(NA)	18.8	114.2	15.9	37.0	87.6	195.1	177.0	369.8	10.5	29.7	(NA)	(NA)
1964 ASM[1]	(NA)	(NA)	17.8	105.9	14.9	31.5	81.2	186.5	144.1	329.6	*12.7	25.4	(NA)	(NA)
1963 Census	391	165	17.7	102.9	14.8	30.3	78.4	168.5	134.3	302.7	6.8	23.3	78	75
1962 ASM[1]	(NA)	(NA)	15.8	90.4	13.2	27.1	69.4	149.8	110.5	259.4	5.8	19.2	(NA)	(NA)
1961 ASM[1]	(NA)	(NA)	14.6	81.7	12.0	24.2	60.9	127.8	94.1	222.2	*4.1	18.5	(NA)	(NA)
1960 ASM[1]	(NA)	(NA)	17.1	92.6	14.2	28.7	69.0	150.2	109.0	260.2	7.8	22.5	(NA)	(NA)
1959 ASM[1]	(NA)	(NA)	18.3	98.1	15.5	31.3	74.7	151.6	116.9	267.7	6.7	25.1	(NA)	(NA)
1958 Census[2]	345	136	17.3	89.2	14.3	27.6	66.3	135.3	98.7	234.6	5.0	23.1	78	77

Note: In 1967, 1963, and 1958, the number of companies in industry 3351 was 86, 81, and 75, respectively; in industry 3352: 155, 166, and 145; industry 3356: 115, NA, and NA; industry 3357: 206, 210, and 217; industry 3361: 970, 926, and 934; industry 3362: 516, 535, and 647; industry 3369: 352, 386, and 337; industry.

Standard notes: (NA) Not available. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. *These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors are shown in the ASM volume.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

[3]The subindustry separation for industry 3351 is based on the presence of or lack of a department described as "casting (except foundry)." See table 9A.

[4]Integrated producers represent companies which operate primary aluminum reduction facilities.

[5]Separate data were published in the 1963 Census of Manufactures for these three subindustries. However, it was subsequently determined that significant errors in classification had been made. These errors did not affect data for establishments with wire insulating establishments with neither rod mill nor wiredrawing department.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3351--COPPER ROLLING AND DRAWING								
1967 Census	7,293	80	2,003	3.40	.69	.82	17,479	42	10.91
1966 ASM	7,692	82	2,162	3.39	.70	.81	21,976	35	12.47
1965 ASM	7,216	81	2,118	3.23	.73	.86	15,617	46	9.11
1964 ASM	6,924	81	2,109	3.13	.72	.86	13,307	52	7.82
1963 Census	6,684	81	2,088	3.04	.72	.87	12,283	54	7.28
1962 ASM	6,540	79	2,074	2.86	.71	.87	11,565	57	7.09
1961 ASM	6,344	78	2,040	2.78	.69	.86	12,013	53	7.52
1960 ASM	5,998	80	1,982	2.62	.70	.87	11,430	52	7.18
1959 ASM	6,031	80	2,095	2.74	.67	.82	12,846	47	7.64
1958 Census	5,511	79	1,991	2.61	.64	.82	11,043	50	7.04
	INDUSTRY 3352--ALUMINUM ROLLING AND DRAWING								
1967 Census	7,795	79	2,074	3.51	.70	.86	15,263	51	9.29
1966 ASM	7,764	80	2,155	3.42	.74	.89	13,599	57	7.88
1965 ASM	7,474	79	2,156	3.30	.73	.90	12,360	60	7.25
1964 ASM	7,015	79	2,116	3.13	.72	.89	11,700	60	7.01
1963 Census	6,941	79	2,102	3.10	.69	.87	13,290	52	8.02
1962 ASM	6,313	79	2,095	2.82	.71	.88	11,229	56	6.82
1961 ASM	6,168	78	2,118	2.71	.71	.88	10,836	57	6.55
1960 ASM	5,897	78	2,106	2.60	.71	.89	10.196	58	6.23
1959 ASM	5,839	80	2,118	2.55	.70	.87	11,108	53	6.55
1958 Census	5,806	78	2,067	2.65	.68	.85	11,457	51	7.13
	INDUSTRY 3356--NONFERROUS ROLLING AND DRAWING, N.E.C.								
1967 Census	7,676	69	2,088	3.25	.65	.81	16,512	46	11.38
1966 ASM	7,797	71	2,140	3.21	.66	.82	17,823	44	11.75
1965 ASM	7,405	70	2,162	3.03	.67	.84	15,937	46	10.51
1964 ASM	7,161	69	2,141	2.97	.64	.82	14,611	49	9.85
1963 Census	6,760	71	2,067	2.92	.63	.82	14,422	47	9.88
1962 ASM	6,704	70	2,083	3.05	.70	.88	11,656	58	8.05
1961 ASM	6,516	69	2,044	2.88	.68	.87	12,105	54	8.58
1960 ASM	6,325	69	2,009	2.77	.70	.88	10,583	60	7.59
1959 ASM	6,125	71	2,036	2.66	.66	.85	12,209	50	8.45
1958 Census	5,716	69	1,966	2.55	.63	.83	10,538	54	7.75

See footnotes at end of table.

TABLE 1B. Selected Operating Ratios: 1958 to 1967–Continued

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3357--NONFERROUS WIREDRAWING AND INSULATING								
1967 Census	6,996	77	2,116	3.01	.64	.78	18,551	38	11.37
1966 ASM	7,092	79	2,164	2.98	.65	.78	19,501	36	11.46
1965 ASM	6,710	79	2,124	2.89	.67	.81	16,084	42	9.63
1964 ASM	6,376	78	2,115	2.75	.66	.81	13,994	46	8.46
1963 Census	6,025	78	2,058	2.67	.69	.85	12,009	50	7.50
1962 ASM	6,026	78	2,070	2.63	.66	.84	11,866	51	7.39
1961 ASM	5,709	77	2,053	2.53	.60	.76	9,130	63	5.81
1960 ASM	5,634	76	2,088	2.48	.65	.82	11,217	50	7.05
1959 ASM	5,502	81	2,016	2.41	.64	.82	11,449	48	7.02
1958 Census	5,239	77	2,055	2.34	.64	.83	10,214	51	6.49
	INDUSTRY 3361--ALUMINUM CASTINGS								
1967 Census	6,923	86	2,031	3.09	.44	.78	11,429	61	6.56
1966 ASM	6,720	85	2,063	2.95	.46	.79	11,157	60	6.36
1965 ASM	6,649	85	2,067	2.95	.47	.80	10,930	61	6.25
1964 ASM	6,542	84	2,101	2.89	.47	.81	10,380	63	5.86
1963 Census	6,151	85	2,063	2.75	.47	.82	9,495	65	5.42
1962 ASM	5,962	85	2,026	2.70	.45	.80	9,465	63	5.49
1961 ASM	5,644	83	2,049	2.52	.49	.84	8,211	69	4.83
1960 ASM	5,555	83	2,084	2.44	.48	.84	8,022	69	4.63
1959 ASM	5,414	84	2,020	2.46	.48	.83	8,019	68	4.74
1958 Census	5,289	82	1,977	2.45	.47	.85	7,512	70	4.64
	INDUSTRY 3362--BRASS, BRONZE, AND COPPER CASTINGS								
1967 Census	6,693	84	2,026	2.92	.49	.76	12,670	53	7.41
1966 ASM	6,280	85	2,100	2.64	.53	.78	12,085	52	6.79
1965 ASM	6,257	82	2,127	2.61	.52	.80	10,883	57	6.20
1964 ASM	5,897	83	2,111	2.55	.50	.80	10,062	59	5.77
1963 Census	5,629	84	2,030	2.50	.50	.80	9,393	60	5.53
1962 ASM	5,475	82	1,967	2.47	.49	.81	8,707	63	5.39
1961 ASM	5,184	81	1,948	2.38	.48	.80	8,710	60	5.49
1960 ASM	5,098	81	1,946	2.34	.49	.80	8,173	62	5.17
1959 ASM	4,944	84	1,981	2.27	.51	.81	8,037	62	4.82
1958 Census	4,745	83	1,915	2.24	.51	.82	7,385	64	4.66
	INDUSTRY 3369.--NONFERROUS CASTINGS, N.E.C.								
1967 Census	6,643	83	2,036	2.92	.42	.74	12,184	55	7.20
1966 ASM	6,571	85	2,181	2.76	.46	.76	12,038	55	6.47
1965 ASM	6,087	85	2,318	2.37	.48	.79	10,398	59	5.28
1964 ASM	5,959	84	2,111	2.58	.44	.76	10,495	57	5.93
1963 Census	5,820	84	2,042	2.59	.44	.78	9,529	61	5.56
1962 ASM	5,728	84	2,054	2.56	.43	.77	9,492	60	5.52
1961 ASM	5,609	82	2,027	2.51	.42	.79	8,771	64	5.28
1960 ASM	5,424	83	2,019	2.40	.42	.78	8,792	62	5.23
1959 ASM	5,357	85	2,025	2.38	.44	.80	8,281	65	4.84
1958 Census	5,172	83	1,927	2.40	.42	.80	7,843	66	4.90

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3351-- COPPER ROLLING AND DRAWING													
UNITED STATES	125	108	40.3	293.9	32.2	64.5	219.0	704.4	1 658.2	2 391.1	68.0	38.9	478.4
NORTHEAST REGION	74	62	22.8	167.8	18.1	35.1	122.5	380.8	899.5	1 296.6	40.7	22.5	274.3
NEW ENGLAND DIVISION	36	32	11.6	88.6	9.2	17.6	64.7	187.6	387.7	586.0	17.8	12.1	145.2
MASSACHUSETTS	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
RHODE ISLAND	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	28	25	10.1	77.7	8.0	15.2	56.8	164.3	359.9	535.0	17.1	10.4	126.9
MIDDLE ATLANTIC DIVISION	38	30	11.2	79.2	8.9	17.5	57.7	193.2	511.8	710.6	22.9	10.4	126.7
NEW YORK	10	7	3.6	21.9	2.8	4.6	15.9	59.9	160.3	222.8	(D)	3.5	45.9
NEW JERSEY	13	11	3.0	23.7	2.5	5.2	18.4	54.6	219.1	277.6	2.6	3.0	29.3
PENNSYLVANIA	15	12	4.6	33.6	3.5	7.6	23.5	78.7	132.3	210.3	(D)	3.9	51.5
NORTH CENTRAL REGION	38	34	13.6	99.4	11.1	23.1	76.4	254.1	602.9	866.9	24.3	13.2	166.8
EAST NORTH CENTRAL DIVISION	37	34	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	9	8	2.3	16.6	1.9	3.8	12.7	36.9	86.5	125.8	6.8	[2]2.8	[2]34.3
INDIANA	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	8	7	4.5	33.7	3.4	7.1	24.5	81.6	192.4	277.5	6.6	3.7	33.4
MICHIGAN	13	13	3.9	28.9	3.3	6.9	23.4	78.4	148.9	228.7	2.0	4.1	58.4
WISCONSIN	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	6	6	2.5	17.0	2.0	4.3	13.0	40.9	61.9	102.4	2.1	1.9	24.9
SOUTH ATLANTIC DIVISION	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MARYLAND	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	7	6	1.3	9.7	1.0	2.0	7.1	28.7	93.8	125.2	1.0	1.4	20.0
PACIFIC DIVISION	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3	16.0
3351-21 ESTABS. WITH CASTING DEPTS.													
UNITED STATES	43	43	28.4	209.0	22.9	45.5	158.2	484.9	1 078.3	1 583.3	48.3	25.8	305.1
NORTHEAST REGION	21	21	14.4	105.4	11.5	22.0	78.2	213.0	541.5	764.2	24.5	13.2	151.0
NEW ENGLAND DIVISION	13	13	8.2	62.9	6.4	12.0	45.8	122.4	286.9	417.7	13.8	7.9	94.4
CONNECTICUT	12	12	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	8	8	6.2	42.5	5.0	9.9	32.4	90.6	254.6	346.5	10.7	5.3	56.6
NEW YORK	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	15	15	11.7	86.4	9.5	19.6	66.7	221.6	472.3	703.0	22.1	9.8	125.2
EAST NORTH CENTRAL DIVISION	15	15	11.7	86.4	9.5	19.6	66.7	221.6	472.3	703.0	22.1	9.8	125.2
OHIO	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
INDIANA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	5	5	3.3	24.7	2.8	5.9	20.3	69.7	127.7	198.7	1.8	2.0	32.7
WISCONSIN	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	1	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ARKANSAS	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	4	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
3351-22 ESTABS. WITHOUT CASTING DEPTS.													
UNITED STATES	82	65	11.9	84.9	9.4	19.0	60.8	219.5	579.9	807.8	19.7	13.2	173.3
NORTHEAST REGION	53	41	8.4	62.4	6.6	13.1	44.3	167.8	358.0	532.4	16.2	9.5	128.3
NEW ENGLAND DIVISION	23	19	3.5	25.7	2.8	5.6	19.0	65.2	100.9	168.3	4.0	4.2	50.8
MASSACHUSETTS	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
RHODE ISLAND	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	16	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	30	22	5.0	36.7	3.8	7.5	25.4	102.6	257.2	364.1	12.2	5.1	70.1
NEW YORK	9	6	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEW JERSEY	10	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PENNSYLVANIA	11	8	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnote at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3351-22 ESTABS. WITHOUT CASTING DEPTS. --CONTINUED													
NORTH CENTRAL REGION	23	19	1.9	13.0	1.6	3.5	9.7	32.5	130.6	163.9	2.2	3.4	34.6
EAST NORTH CENTRAL DIVISION	22	19	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OHIO	6	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
INDIANA	4	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MICHIGAN	8	8	.6	4.2	.5	1.1	3.1	8.7	21.3	29.9	.3	2.1	18.7
SOUTH REGION	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH ATLANTIC DIVISION	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MARYLAND	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST REGION	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3352-- ALUMINUM ROLLING AND DRAWING													
UNITED STATES	218	163	61.5	479.4	48.7	101.0	354.9	938.7	2 057.9	2 958.9	155.6	54.3	721.2
NORTHEAST REGION	44	32	7.7	58.7	5.8	12.0	39.5	113.0	300.2	412.9	31.5	9.6	126.8
NEW ENGLAND DIVISION	11	9	.7	4.4	.6	1.1	3.3	9.8	14.5	24.2	1.8	.5	7.3
MASSACHUSETTS	5	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	33	23	7.0	54.3	5.3	10.9	36.2	103.2	285.7	388.7	29.7	9.1	119.5
NEW YORK	13	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.2	48.6
NEW JERSEY	9	5	.8	5.9	.6	1.3	3.8	4.9	18.4	26.6	.2	2.1	30.8
PENNSYLVANIA	11	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.8	40.0
NORTH CENTRAL REGION	82	67	21.1	170.3	16.1	34.0	121.1	330.5	744.8	1 052.2	48.3	17.7	246.1
EAST NORTH CENTRAL DIVISION	67	56	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OHIO	24	21	4.8	37.0	3.7	7.4	25.7	81.8	203.3	279.1	7.0	4.2	56.2
INDIANA	11	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	13	11	4.5	40.2	3.3	7.5	28.8	62.9	164.5	222.8	12.6	4.5	50.0
MICHIGAN	18	14	2.7	19.3	2.1	4.3	13.0	33.9	49.5	83.9	1.7	2.4	22.6
WEST NORTH CENTRAL DIVISION	15	11	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
IOWA	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	4	3	.3	2.1	.2	.4	1.2	4.5	7.6	11.9	2.6	.6	6.6
KANSAS	4	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	57	42	20.3	150.6	16.8	33.7	117.9	290.8	717.3	994.2	50.0	17.3	235.8
SOUTH ATLANTIC DIVISION	28	20	6.5	50.1	5.2	10.6	36.7	99.1	246.9	343.5	6.9	6.7	85.5
MARYLAND	2	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
VIRGINIA	6	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	2	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	7	6	1.4	9.2	1.1	2.1	6.1	18.3	40.4	60.2	(D)	.8	17.8
GEORGIA	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	16	13	12.1	91.3	10.4	20.3	75.2	171.8	431.3	591.7	38.4	9.6	139.5
KENTUCKY	6	5	1.9	14.9	1.5	3.4	11.8	36.6	99.3	131.3	2.7	1.5	27.5
TENNESSEE	5	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ALABAMA	3	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	13	9	1.7	9.2	1.2	2.7	6.0	19.8	39.0	59.0	4.8	1.1	10.9
ARKANSAS[6]	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	10	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	35	22	12.4	99.9	10.0	21.4	76.3	204.4	295.6	499.7	25.7	9.7	112.5
MOUNTAIN DIVISION	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ARIZONA	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	33	21	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WASHINGTON	4	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	29	17	7.6	61.2	6.0	13.6	46.0	132.2	161.9	296.6	17.0	5.6	70.9
3356-- NONFERROUS ROLLING & DRAWING, NEC													
UNITED STATES	142	74	21.3	163.5	14.8	30.9	100.4	351.7	637.2	984.0	58.1	17.4	250.6
NORTHEAST REGION	61	35	7.4	54.2	5.2	11.1	33.9	116.2	320.1	444.2	13.0	5.8	84.2
NEW ENGLAND DIVISION	16	10	2.3	15.4	1.9	4.0	11.1	52.4	132.0	173.1	4.1	1.8	22.9
MASSACHUSETTS	7	5	1.3	7.4	1.0	2.1	5.3	19.1	38.8	56.4	.8	.9	7.7
RHODE ISLAND	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	3	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	45	25	5.0	38.8	3.4	7.1	22.8	63.8	188.1	271.0	8.9	4.0	61.3
NEW YORK	21	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.8	15.2
NEW JERSEY	16	9	1.9	14.5	1.2	2.4	8.5	8.3	75.7	102.5	1.7	1.6	19.6
PENNSYLVANIA	8	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	26.5

See footnote at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3356-- NONFERROUS ROLLING & DRAWING, NEC													
NORTH CENTRAL REGION	39	21	7.9	61.8	5.4	11.2	37.3	119.7	154.0	270.6	26.2	7.8	97.4
EAST NORTH CENTRAL DIVISION	37	21	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OHIO	9	6	3.5	27.4	2.2	4.5	15.9	58.1	79.4	133.8	8.7	2.6	33.9
INDIANA	5	4	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	10	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.3	18.3
MICHIGAN	12	5	.7	6.2	.5	1.0	3.8	12.6	20.2	33.2	1.1	.8	13.5
SOUTH REGION	23	11	4.1	32.9	2.9	5.8	19.0	68.7	114.0	176.4	7.0	2.8	48.9
SOUTH ATLANTIC DIVISION	11	5	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST VIRGINIA	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	4	2	.3	2.0	.3	.6	1.2	5.8	9.1	14.4	(D)	.2	2.1
EAST SOUTH CENTRAL DIVISION	4	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSISSIPPI	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	8	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OKLAHOMA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	19	7	1.9	14.7	1.4	2.8	10.1	47.0	49.0	92.8	11.9	1.0	20.2
MOUNTAIN DIVISION	4	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEVADA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	15	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
OREGON	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	13	4	.4	3.1	.4	.7	2.3	9.3	15.5	23.8	.9	.3	2.8
3357-- NONFERROUS WIREDRAWING, INSULATING													
UNITED STATES	348	275	71.7	501.6	55.3	117.0	352.7	1 330.1	2 304.2	3 591.4	188.3	56.8	679.0
NORTHEAST REGION	176	139	40.4	277.7	30.9	84.5	191.6	730.9	1 053.1	1 761.1	64.4	35.3	360.1
NEW ENGLAND DIVISION	80	64	18.2	117.2	14.3	29.9	82.9	320.7	363.2	674.1	29.4	16.3	158.9
NEW HAMPSHIRE	6	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	4.2
VERMONT	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.4	3.1
MASSACHUSETTS	31	26	5.5	34.6	4.4	9.3	24.9	96.5	81.3	172.9	7.4	6.2	52.2
RHODE ISLAND	16	14	6.0	37.0	4.8	9.7	27.1	103.6	145.4	243.4	8.9	5.4	49.2
CONNECTICUT	21	14	4.9	35.3	3.7	8.0	24.2	97.3	109.1	206.7	6.6	4.0	50.2
MIDDLE ATLANTIC DIVISION	96	75	22.2	160.6	16.6	34.6	108.7	410.2	689.9	1 087.0	35.0	18.9	201.2
NEW YORK	43	31	10.4	74.5	8.0	16.1	51.2	174.5	330.5	506.2	14.0	9.5	101.6
NEW JERSEY	35	27	9.0	68.4	6.3	13.5	44.1	193.2	297.5	478.7	16.9	7.0	81.2
PENNSYLVANIA	18	17	2.8	17.8	2.3	5.0	13.4	42.5	62.0	102.2	4.5	2.4	18.4
NORTH CENTRAL REGION	86	68	18.4	134.9	14.4	30.7	98.5	370.1	790.0	1 150.6	31.3	14.6	221.2
EAST NORTH CENTRAL DIVISION	77	60	15.7	112.8	12.3	26.1	82.8	312.4	636.4	938.4	26.5	12.6	186.2
OHIO	10	6	.8	6.2	.6	1.3	4.4	12.4	14.2	27.5	.6	.7	11.8
INDIANA	19	16	5.7	43.7	4.6	10.0	33.7	144.7	299.5	436.3	12.3	5.4	86.6
ILLINOIS	34	25	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.4	72.8
MICHIGAN	12	11	2.8	16.2	2.3	4.7	12.8	25.3	89.0	124.1	1.6	2.1	17.7
WISCONSIN	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST NORTH CENTRAL DIVISION	9	8	2.7	22.1	2.1	4.6	15.7	57.7	153.7	212.2	4.8	1.6	35.0
IOWA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NEBRASKA	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	43	37	9.1	61.7	7.1	15.7	44.2	160.0	319.1	472.6	41.4	4.4	64.9
SOUTH ATLANTIC DIVISION	22	18	6.3	45.7	4.8	10.6	32.5	111.3	224.4	334.0	19.8	3.6	49.5
DELAWARE	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MARYLAND	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CAROLINA	9	8	1.2	6.1	1.0	2.2	4.5	21.3	29.0	50.2	8.3	.4	5.8
SOUTH CAROLINA	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
GEORGIA	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
FLORIDA	1	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
EAST SOUTH CENTRAL DIVISION	14	13	1.7	8.6	1.4	2.8	6.1	19.6	61.1	78.3	18.3	.1	1.8
KENTUCKY	6	6	1.1	4.6	.8	1.7	3.3	5.6	19.0	22.5	16.4	.1	.6
ALABAMA	4	3	.4	2.6	.3	.6	1.6	8.3	31.4	39.4	(D)	-	-
MISSISSIPPI	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	7	6	1.1	7.4	.9	2.3	5.7	29.1	33.5	60.3	3.3	.7	13.6
TEXAS	5	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	13.4
WEST REGION	43	31	3.8	27.3	2.9	6.0	18.4	69.2	141.9	207.1	51.2	2.6	32.8
PACIFIC DIVISION	40	30	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.6	31.5
WASHINGTON	3	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CALIFORNIA	35	28	3.3	24.0	2.5	5.3	15.9	69.0	102.7	168.7	(D)	[2](D)	[2](D)

See footnote at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3361-- ALUMINUM CASTINGS													
UNITED STATES	992	411	45.2	312.9	38.8	78.8	243.6	516.6	405.7	920.5	38.7	36.2	343.9
NORTHEAST REGION	222	81	10.8	77.7	9.2	18.7	60.3	127.0	86.7	214.0	9.1	9.1	88.0
NEW ENGLAND DIVISION	73	20	2.2	14.8	1.9	4.0	11.2	24.6	14.8	39.3	1.4	2.1	19.1
NEW HAMPSHIRE	5	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	37	11	.6	4.3	.6	1.3	3.2	7.2	4.1	11.3	.3	.6	5.3
CONNECTICUT	24	7	1.2	8.3	1.0	2.1	6.4	13.0	9.2	22.1	.9	1.2	10.8
MIDDLE ATLANTIC DIVISION	149	61	8.6	62.8	7.4	14.7	49.1	102.4	72.0	174.7	7.7	7.0	68.8
NEW YORK	54	25	3.8	28.2	3.2	6.4	21.8	43.8	34.1	78.4	4.1	3.3	33.4
NEW JERSEY	32	11	1.5	11.8	1.3	2.7	9.2	18.8	13.9	32.6	.9	1.3	12.4
PENNSYLVANIA	63	25	3.3	22.8	2.9	5.6	18.1	39.8	24.0	63.7	2.7	2.3	23.1
NORTH CENTRAL REGION	455	210	25.2	177.3	21.7	44.6	138.5	290.4	242.4	532.0	19.5	20.1	187.7
EAST NORTH CENTRAL DIVISION	375	176	21.6	154.9	18.6	38.2	120.9	253.6	217.2	470.0	17.4	17.6	166.6
OHIO	125	56	9.1	64.9	7.7	15.5	49.8	102.0	76.9	178.9	5.6	7.3	77.5
INDIANA	37	19	2.9	23.7	2.4	5.0	18.7	42.9	47.3	90.2	(D)	2.3	22.6
ILLINOIS	102	46	4.2	27.7	3.7	7.5	21.8	49.2	38.6	87.2	4.2	3.4	28.2
MICHIGAN	76	31	2.8	19.9	2.5	5.1	15.9	33.0	29.1	62.1	2.7	2.2	18.9
WISCONSIN	35	24	2.7	18.6	2.4	4.9	14.7	26.5	25.3	51.7	(D)	2.3	19.3
WEST NORTH CENTRAL DIVISION	80	34	3.6	22.4	3.1	6.5	17.6	36.7	25.2	62.0	2.2	2.5	21.1
MINNESOTA	22	11	1.6	10.6	1.4	3.0	8.4	17.7	10.9	28.8	1.0	.9	6.7
IOWA	22	6	.6	3.8	.6	1.0	3.0	5.8	4.9	10.6	.5	.3	2.5
MISSOURI	25	13	1.1	6.8	1.0	2.0	5.2	11.2	7.6	18.8	.6	1.2	9.7
SOUTH REGION	136	43	4.0	23.6	3.4	6.6	18.6	38.5	38.7	76.6	7.2	3.2	32.3
SOUTH ATLANTIC DIVISION	50	16	.8	4.1	.7	1.4	3.2	7.3	4.8	12.0	.7	.8	5.0
MARYLAND	4	2	.2	1.0	.1	.3	.7	1.7	.5	2.2	.1	.1	1.0
SOUTH CAROLINA	6	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
GEORGIA	11	4	.2	.8	.2	.3	.6	1.6	1.6	3.3	(D)	.1	.9
FLORIDA	16	4	.2	.8	.2	.3	.6	1.5	.8	2.3	.1	.1	.7
EAST SOUTH CENTRAL DIVISION	24	12	1.9	13.5	1.6	3.1	10.5	20.6	25.2	45.6	5.2	1.4	15.8
KENTUCKY	4	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	13	4	.2	1.0	.2	.4	.8	2.1	1.3	3.4	.1	.1	.7
ALABAMA	6	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	62	15	1.2	6.0	1.0	2.1	4.9	10.7	8.7	19.1	1.3	1.1	11.6
ARKANSAS	8	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	7.3
TEXAS	43	8	.6	3.0	.5	1.1	2.5	5.0	4.0	9.0	.6	.5	3.3
WEST REGION	179	77	5.2	34.3	4.4	8.9	26.3	60.7	37.9	97.8	2.8	3.8	35.9
MOUNTAIN DIVISION	21	7	.3	1.7	.3	.5	1.3	3.6	1.6	5.1	.2	.1	.7
PACIFIC DIVISION	158	70	4.9	32.6	4.2	8.4	25.0	57.1	36.3	92.8	2.7	3.7	35.2
WASHINGTON	8	4	.2	1.3	.2	.3	1.0	2.0	1.5	3.5	.1	.1	.7
OREGON	11	6	.5	3.4	.5	.9	2.7	5.9	4.2	10.1	(D)	.2	1.5
CALIFORNIA	139	60	4.2	27.9	3.5	7.2	21.3	49.2	30.6	79.2	(D)	3.5	32.9
3362-- BRASS, BRONZE, AND COPPER CASTINGS													
UNITED STATES	534	207	17.9	119.8	15.1	30.6	89.2	226.8	218.0	445.2	12.4	15.3	144.1
NORTHEAST REGION	203	77	7.4	48.1	6.2	12.6	35.4	82.9	74.0	157.3	3.2	6.6	58.7
NEW ENGLAND DIVISION	68	26	1.5	9.2	1.3	2.5	6.8	15.4	13.5	28.9	.4	1.5	12.0
NEW HAMPSHIRE	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MASSACHUSETTS	30	11	.5	3.3	.5	.9	2.7	5.7	5.8	11.5	.1	.8	6.8
CONNECTICUT	22	10	.6	3.9	.5	1.0	2.6	5.8	5.5	11.4	.2	.4	3.4
MIDDLE ATLANTIC DIVISION	135	51	5.9	38.9	4.9	10.1	28.6	67.6	60.5	128.4	2.8	5.2	46.7
NEW YORK	51	19	1.4	8.8	1.2	2.3	6.7	14.5	14.9	29.2	.4	1.2	11.7
NEW JERSEY	28	12	.8	5.4	.6	1.3	3.9	8.8	9.2	18.5	.3	.8	7.1
PENNSYLVANIA	56	20	3.8	24.7	3.1	6.5	18.0	44.3	36.4	80.7	2.1	3.2	27.9
NORTH CENTRAL REGION	204	88	7.6	54.2	6.4	13.0	40.8	111.1	108.4	219.1	6.6	6.2	63.1
EAST NORTH CENTRAL DIVISION	181	78	6.9	50.2	5.9	12.0	37.8	101.3	95.9	196.8	6.3	5.5	54.7
OHIO	52	20	1.9	14.0	1.6	3.2	10.2	24.9	27.2	52.2	1.0	1.6	15.9
INDIANA	18	10	.5	3.2	.4	.8	2.4	7.1	6.6	13.7	.1	1.3	3.9
ILLINOIS	51	21	1.5	9.9	1.3	2.6	7.7	21.8	20.5	42.0	1.8	1.3	11.4
MICHIGAN	36	16	1.3	10.3	1.1	2.3	8.0	18.0	17.4	35.4	1.1	1.1	13.1
WISCONSIN	24	11	1.8	12.8	1.5	3.0	9.4	29.4	24.1	53.5	2.3	1.1	10.4
WEST NORTH CENTRAL DIVISION	23	10	.7	4.1	.5	1.0	3.0	9.8	12.6	22.2	.3	.7	8.4
MISSOURI	12	5	.3	2.0	.3	.5	1.4	4.2	6.1	10.3	.2	.2	3.0
NEBRASKA	3	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	3.9
SOUTH REGION	47	18	1.5	8.0	1.3	2.6	6.0	15.9	17.0	33.5	1.2	1.3	10.6
SOUTH ATLANTIC DIVISION	17	5	.3	2.0	.3	.5	1.5	3.0	2.9	5.7	.1	.2	2.1
WEST VIRGINIA	5	2	.2	1.1	.1	.3	.8	1.5	1.5	2.9	(D)	.1	1.0
EAST SOUTH CENTRAL DIVISION	8	5	.3	1.8	.3	.6	1.4	3.2	4.1	7.3	.2	.2	1.2
TENNESSEE	4	2	.2	1.0	.2	.4	.8	1.6	1.5	3.0	.1	(Z)	.1

See footnote at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3362-- BRASS, BRONZE, AND COPPER CASTINGS													
WEST SOUTH CENTRAL DIVISION	22	8	.8	4.1	.7	1.5	3.1	9.8	10.0	20.5	1.0	.9	7.3
ARKANSAS	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	13	5	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	2.1
WEST REGION	80	24	1.4	9.4	1.2	2.4	7.1	16.9	18.6	35.4	1.3	1.2	11.7
PACIFIC DIVISION	72	22	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.1	10.8
CALIFORNIA	57	19	1.1	7.4	.9	1.9	5.5	14.0	15.9	29.7	(D)	1.0	9.7
3369-- NONFERROUS CASTINGS, NEC													
UNITED STATES	360	180	26.6	176.7	22.1	45.0	131.2	324.1	233.0	556.3	18.2	17.7	168.5
NORTHEAST REGION	113	49	5.1	33.3	4.1	8.6	23.8	55.3	35.8	90.2	3.6	4.3	37.6
NEW ENGLAND DIVISION	28	10	.6	4.2	.5	1.1	2.9	8.0	5.3	13.3	.5	.5	4.5
CONNECTICUT	12	6	.3	2.3	.3	.6	1.6	3.7	3.2	6.9	.2	.2	2.2
MIDDLE ATLANTIC DIVISION	85	39	4.4	29.1	3.6	7.5	20.9	47.4	30.6	76.9	3.1	3.8	33.1
NEW YORK	49	22	1.8	12.0	1.5	3.0	8.7	18.3	13.3	30.8	1.3	1.6	14.8
NEW JERSEY	23	13	2.2	14.4	1.7	3.7	9.9	24.8	14.3	39.0	1.7	1.7	14.5
PENNSYLVANIA[e]	13	4	.4	2.6	.4	.8	2.2	4.2	3.0	7.1	.1	.5	3.8
NORTH CENTRAL REGION	167	94	17.6	120.8	14.6	29.9	90.2	227.9	165.7	393.7	11.9	10.4	100.4
EAST NORTH CENTRAL DIVISION	145	82	16.1	110.7	13.4	27.2	82.6	209.1	154.7	364.1	10.5	9.4	92.4
OHIO	26	15	4.1	28.4	3.3	7.1	21.4	66.3	36.6	103.4	3.0	1.7	15.9
INDIANA	7	6	1.9	11.7	1.6	3.0	8.9	23.0	19.7	42.5	(D)	.6	6.9
ILLINOIS	49	21	3.4	24.6	2.9	6.1	18.6	36.8	37.0	73.5	2.0	2.8	28.1
MICHIGAN	54	37	6.4	44.1	5.4	10.5	32.3	79.9	59.9	139.9	4.5	4.0	38.3
WISCONSIN	9	3	.3	2.0	.3	.5	1.4	3.3	1.6	4.8	(D)	.3	3.1
WEST NORTH CENTRAL DIVISION	22	12	1.5	10.1	1.3	2.7	7.6	18.8	10.9	29.6	1.4	.9	8.0
MINNESOTA	5	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
IOWA	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MISSOURI	10	3	.4	3.0	.4	.7	2.3	5.6	3.5	9.1	.3	.4	3.2
KANSAS	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH REGION	25	13	1.3	6.3	1.0	2.0	4.4	12.6	11.4	24.1	.5	.7	4.8
SOUTH ATLANTIC DIVISION	10	4	.3	1.4	.2	.5	1.0	3.1	2.2	5.3	(Z)	.3	1.6
EAST SOUTH CENTRAL DIVISION	7	4	.4	2.1	.3	.6	1.2	4.3	3.3	7.5	.3	.1	.5
KENTUCKY	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	8	5	.5	2.8	.5	.9	2.3	5.2	5.9	11.3	.1	.3	2.7
TEXAS	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.2	1.7
WEST REGION	55	24	2.6	16.3	2.3	4.5	12.7	28.3	20.1	48.3	2.2	2.3	25.8
MOUNTAIN DIVISION	5	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(Z)	.1
ARIZONA	3	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
PACIFIC DIVISION	50	22	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.3	25.6
CALIFORNIA	47	21	2.4	14.8	2.1	4.0	11.5	26.1	18.7	44.8	(D)	2.2	24.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Copper rolling and drawing (SIC 3351)			Aluminum rolling and drawing (SIC 3352)	Nonferrous rolling and drawing, n.e.c. (SIC 3356)
	Total	With casting department[1] (SIC 3351-21)	Without casting department[1] (SIC 3351-22)		
PRIMARY PRODUCT SPECIALIZATION RATIO[2]	.90	(NA)	(NA)	.89	.89
COVERAGE RATIO[3]	.93	(NA)	(NA)	.89	.84
ESTABLISHMENTS, TOTAL .NUMBER	125	43	82	218	142
WITH 1 TO 19 EMPLOYEES	17	-	17	55	68
WITH 20 TO 99 EMPLOYEES	38	4	34	70	35
WITH 100 EMPLOYEES OR MORE	70	39	31	93	39
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	40.3	28.4	11.9	61.5	21.3
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	293.9	209.0	84.9	479.4	163.5
PRODUCTION WORKERS:					
AVERAGE FOR YEAR 1,000	32.2	22.9	9.4	48.7	14.8
MARCH	34.3	24.3	10.0	49.7	15.3
MAY	32.5	22.9	9.6	49.2	15.1
AUGUST	31.5	22.6	8.9	47.0	14.6
NOVEMBER	30.6	21.6	9.0	49.0	14.3
MAN-HOURS .MILLIONS	64.5	45.5	19.0	101.0	30.9
JANUARY-MARCH	18.9	13.4	5.5	25.7	8.1
APRIL-JUNE	16.7	11.9	4.9	25.6	8.0
JULY-SEPTEMBER	14.2	10.1	4.2	24.5	7.3
OCTOBER-DECEMBER	14.7	10.2	4.5	25.2	7.5
WAGES MILLION DOLLARS	219.0	158.2	60.8	354.9	100.4
COST OF MATERIALS, ETC., TOTAL	1 658.2	1 078.3	579.9	2 057.9	637.2
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED	1 587.0	1 038.6	548.5	1 935.0	596.7
COST OF RESALES	29.0	14.0	15.0	54.8	10.5
FUELS CONSUMED	12.9	8.7	4.2	25.3	6.0
PURCHASED ELECTRIC ENERGY	17.8	12.2	5.6	28.7	8.2
CONTRACT WORK	11.5	4.8	6.7	14.0	15.8
VALUE OF SHIPMENTS, INCLUDING RESALES	2 391.1	1 583.3	807.8	2 958.9	984.0
VALUE OF RESALES	31.4	15.9	15.6	69.9	12.2
VALUE ADDED BY MANUFACTURE	704.4	484.9	219.5	938.7	351.7
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL .DO	311.4	210.0	101.4	618.3	256.8
FINISHED PRODUCTS .DO	66.7	46.9	19.8	138.6	69.0
WORK IN PROCESS .DO	130.7	94.3	36.5	345.7	130.4
MATERIALS, SUPPLIES, FUEL, ETC. .DO	114.0	68.8	45.2	134.0	57.4
END OF YEAR, TOTAL	276.3	195.1	81.2	668.1	261.1
FINISHED PRODUCTS	58.9	39.9	19.0	146.8	85.9
WORK IN PROCESS	110.1	81.2	28.9	375.2	118.4
MATERIALS, SUPPLIES, FUEL, ETC.	107.4	74.1	33.3	146.1	56.8
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL	69.6	49.8	19.9	168.6	64.1
NEW PLANT AND EQUIPMENT, TOTAL	68.0	48.3	19.7	155.6	58.1
NEW STRUCTURES AND ADDITIONS TO PLANT	7.1	5.4	1.6	31.1	12.7
NEW MACHINERY AND EQUIPMENT	61.0	42.9	18.1	124.5	45.5
USED PLANT AND EQUIPMENT	1.6	1.4	.2	13.0	6.0

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1967—Continued

Item	Nonferrous wiredrawing and insulating (SIC 3357)	Aluminum castings (SIC 3361)	Brass bronze and copper castings (SIC 3362)	Nonferrous castings, n.e.c. (SIC 3369)
PRIMARY PRODUCT SPECIALIZATION RATIO[2]	.93	.83	.83	.83
COVERAGE RATIO[3]	.89	.85	.82	.82
ESTABLISHMENTS, TOTAL .NUMBER	348	992	534	360
WITH 1 TO 19 EMPLOYEES	73	581	327	180
WITH 20 TO 99 EMPLOYEES	111	309	167	117
WITH 100 EMPLOYEES OR MORE	164	102	40	63
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	71.7	45.2	17.9	26.6
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	501.6	312.9	119.8	176.7
PRODUCTION WORKERS:				
AVERAGE FOR YEAR 1,000	55.3	38.8	15.1	22.1
MARCH	57.8	39.3	15.4	21.7
MAY	56.8	38.9	15.0	21.7
AUGUST	53.9	38.7	15.0	22.0
NOVEMBER	52.6	38.3	14.8	23.0
MAN-HOURS .MILLIONS	117.0	78.8	30.6	45.0
JANUARY-MARCH	31.7	20.6	7.9	11.3
APRIL-JUNE	31.1	19.8	7.8	10.9
JULY-SEPTEMBER	26.4	18.8	7.3	10.8
OCTOBER-DECEMBER	27.8	19.7	7.6	12.0
WAGES MILLION DOLLARS	352.7	243.6	89.2	131.2
COST OF MATERIALS, ETC., TOTAL	2 304.2	405.7	218.0	233.0
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED	2 232.5	347.2	196.6	181.2
COST OF RESALES	24.3	8.0	6.0	4.9
FUELS CONSUMED	9.2	11.0	3.8	4.6
PURCHASED ELECTRIC ENERGY	22.0	8.8	3.8	5.5
CONTRACT WORK	16.2	30.7	7.9	36.8
VALUE OF SHIPMENTS, INCLUDING RESALES	3 591.4	920.5	445.2	556.3
VALUE OF RESALES	27.1	9.2	8.1	5.9
VALUE ADDED BY MANUFACTURE	1 330.1	516.6	226.8	324.1
MANUFACTURERS' INVENTORIES:				
BEGINNING OF YEAR, TOTAL	469.3	64.8	53.7	51.1
FINISHED PRODUCTS	121.3	9.8	12.0	6.9
WORK IN PROCESS	167.0	26.2	20.5	22.3
MATERIALS, SUPPLIES, FUEL, ETC.	181.0	28.8	21.3	21.9
END OF YEAR, TOTAL	518.7	67.2	52.5	51.7
FINISHED PRODUCTS	155.8	10.3	12.7	8.8
WORK IN PROCESS	175.2	27.4	19.3	21.3
MATERIALS, SUPPLIES, FUEL, ETC.	187.7	29.4	20.5	21.6
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL	191.9	40.9	14.1	19.3
NEW PLANT AND EQUIPMENT, TOTAL	188.3	38.7	12.4	18.2
NEW STRUCTURES AND ADDITIONS TO PLANT	46.5	8.9	3.4	4.6
NEW MACHINERY AND EQUIPMENT	141.8	29.8	9.1	13.6
USED PLANT AND EQUIPMENT	3.6	2.1	1.6	1.0

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] See footnote 3, table 1A for subindustry definition.

[2] The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[3] The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3351-- COPPER ROLLING AND DRAWING											
ESTABLISHMENTS, TOTAL	125	40.3	293.9	32.2	64.5	219.0	704.4	1 658.2	2 391.1	68.0	276.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [e]	8	(Z)	.1	(Z)	(Z)	.1	.2	.4	.6	(Z)	.1
5 TO 9 EMPLOYEES [e]	5	(Z)	.2	(Z)	.1	.2	.5	.6	1.0	(Z)	.1
10 TO 19 EMPLOYEES	4	.1	.4	.1	.1	.3	.8	1.5	2.2	(Z)	.5
20 TO 49 EMPLOYEES	22	.8	5.7	.6	1.3	4.1	25.6	132.3	158.0	.9	13.6
50 TO 99 EMPLOYEES	16	1.2	8.6	1.0	2.1	6.5	28.7	99.1	128.9	2.0	12.4
100 TO 249 EMPLOYEES	26	4.4	32.1	3.4	7.0	22.7	90.1	211.7	304.6	7.3	28.5
250 TO 499 EMPLOYEES	17	6.1	44.7	5.0	9.9	33.5	96.4	178.8	278.5	8.8	41.8
500 TO 999 EMPLOYEES	14	9.8	72.3	8.0	16.5	55.9	186.1	385.6	578.1	9.7	60.6
1,000 TO 2,499 EMPLOYEES	13	18.0	129.6	14.3	27.6	95.9	276.0	648.3	939.1	39.2	118.7
ESTABS. COVERED BY ADMIN. RECORDS[1]	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3351-21 ESTABS. WITH CASTING DEPTS.											
ESTABLISHMENTS, TOTAL	43	28.4	209.0	22.9	45.5	158.2	484.9	1 078.3	1 583.3	48.3	195.1
20 TO 49 EMPLOYEES	1	.2	1.8	.2	.4	1.2	6.0	22.1	28.9	.3	3.6
50 TO 99 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	7	1.2	8.9	.9	1.9	6.3	19.3	29.1	50.4	2.7	7.0
250 TO 499 EMPLOYEES	8	27.0	198.3	21.8	43.3	150.6	459.5	1 027.0	1 503.9	45.4	184.6
500 TO 999 EMPLOYEES	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3351-22 ESTABS. WITHOUT CASTING DEPTS.											
ESTABLISHMENTS, TOTAL	82	11.9	84.9	9.4	19.0	60.8	219.5	579.9	807.8	19.7	81.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [e]	8	(Z)	.1	(Z)	(Z)	.1	.2	.4	.6	(Z)	.1
5 TO 9 EMPLOYEES [e]	5	(Z)	.2	(Z)	.1	.2	.5	.6	1.0	(Z)	.1
10 TO 19 EMPLOYEES	4	.1	.4	.1	.1	.3	.8	1.5	2.2	(Z)	.5
20 TO 49 EMPLOYEES	21	1.7	12.7	1.4	2.9	9.2	48.3	209.2	257.8	2.7	22.5
50 TO 99 EMPLOYEES	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	19	3.1	23.2	2.5	5.1	16.4	70.8	182.6	254.2	4.6	21.5
250 TO 499 EMPLOYEES	9	7.0	48.2	5.5	10.8	34.6	99.0	185.7	291.9	12.4	36.5
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3352-- ALUMINUM ROLLING AND DRAWING											
ESTABLISHMENTS, TOTAL	218	61.5	479.4	48.7	101.0	354.9	938.7	2 057.9	2 958.9	155.6	668.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	26	(Z)	.3	(Z)	.1	.2	.6	1.0	1.7	5.8	.4
5 TO 9 EMPLOYEES	9	.1	.4	.1	.1	.3	2.1	5.4	7.2	(D)	.9
10 TO 19 EMPLOYEES	20	.3	1.6	.2	.5	1.1	4.2	12.3	16.6	(D)	1.5
20 TO 49 EMPLOYEES	34	1.2	7.1	1.0	2.1	5.1	17.2	49.6	66.6	4.4	8.2
50 TO 99 EMPLOYEES	36	2.5	15.7	2.0	4.2	10.8	33.2	73.6	106.0	3.3	11.6
100 TO 249 EMPLOYEES	50	8.0	53.2	6.0	12.6	35.4	105.6	243.1	346.5	28.8	59.9
250 TO 499 EMPLOYEES	14	5.2	36.0	3.9	8.2	24.4	75.3	210.7	279.2	13.4	60.6
500 TO 999 EMPLOYEES	14	10.0	79.0	7.5	15.7	56.0	175.6	438.3	607.1	25.3	115.9
1,000 TO 2,499 EMPLOYEES	10	16.4	141.9	12.9	26.2	104.7	257.8	545.7	794.6	27.0	190.8
2,500 EMPLOYEES OR MORE	5	17.9	144.2	15.0	31.3	116.8	267.0	478.1	733.4	47.5	218.4
ESTABS. COVERED BY ADMIN. RECORDS[1]	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3352-11 OPER. BY PRIMARY INTEG. PROD.											
ESTABLISHMENTS, TOTAL	44	44.7	366.5	35.9	73.8	279.6	697.9	1 527.9	2 194.0	120.2	540.3
50 TO 99 EMPLOYEES	4	.3	2.0	.3	.5	1.4	5.2	20.0	25.1	.6	2.1
100 TO 249 EMPLOYEES	10	1.8	14.9	1.4	2.8	10.1	25.4	79.7	104.2	17.9	25.1
250 TO 499 EMPLOYEES	6	2.4	18.3	1.9	3.9	13.2	36.0	76.8	108.1	5.7	29.1
500 TO 999 EMPLOYEES	10	22.3	187.1	17.3	35.3	138.1	364.3	873.3	1 223.2	48.5	265.6
1,000 TO 2,499 EMPLOYEES	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2,500 EMPLOYEES OR MORE	5	17.9	144.2	15.0	31.3	116.8	267.0	478.1	733.4	47.5	218.4

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967–Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3352-12 OPERATED BY NONINTEG. PRODUCERS											
ESTABLISHMENTS, TOTAL	174	16.8	112.9	12.8	27.2	75.3	240.8	529.9	764.9	35.4	127.8
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [c]	26	(Z)	.3	(Z)	.1	.2	.6	1.0	1.7	5.8	.4
5 TO 9 EMPLOYEES	9	.1	.4	(Z)	.1	.3	2.2	5.4	7.2	(D)	.9
10 TO 19 EMPLOYEES	20	.3	1.6	.3	.5	1.1	4.2	12.3	16.6	(D)	1.5
20 TO 49 EMPLOYEES	34	1.2	7.1	1.0	2.1	5.1	17.2	49.6	66.6	4.4	8.1
50 TO 99 EMPLOYEES	32	2.2	13.7	1.7	3.7	9.3	28.0	53.6	80.9	2.7	9.6
100 TO 249 EMPLOYEES	40	6.1	38.3	4.6	9.8	25.4	80.2	163.4	242.3	10.9	34.8
250 TO 499 EMPLOYEES	8	2.7	17.7	2.0	4.3	11.3	39.3	133.9	171.1	7.7	31.4
500 TO 999 EMPLOYEES	4	4.2	33.8	3.1	6.6	22.6	69.1	110.7	178.5	3.9	41.1
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3356-- NONFERROUS ROLLING & DRAWING, NEC											
ESTABLISHMENTS, TOTAL	142	21.3	163.5	14.8	30.9	100.4	351.7	637.2	984.0	58.1	261.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [c]	26	(Z)	.3	(Z)	.1	.2	.7	1.2	2.0	2.7	.3
5 TO 9 EMPLOYEES	15	.1	.8	.1	.2	.5	2.2	8.8	11.0	.1	.5
10 TO 19 EMPLOYEES	27	.4	2.5	.3	.5	1.4	6.6	33.7	40.1	.4	4.1
20 TO 49 EMPLOYEES	20	.5	3.8	.4	.8	2.4	10.7	41.5	52.1	.6	4.5
50 TO 99 EMPLOYEES	15	1.1	7.5	.9	1.8	5.0	17.3	87.2	103.8	2.0	16.7
100 TO 249 EMPLOYEES	20	3.1	22.7	2.3	5.0	15.0	38.9	60.4	105.0	2.3	27.5
250 TO 499 EMPLOYEES	9	2.6	19.6	1.9	4.0	12.8	32.7	105.0	146.2	4.0	25.4
500 TO 999 EMPLOYEES	4	3.0	22.8	2.1	4.5	14.4	59.1	98.8	148.8	3.7	47.6
1,000 TO 2,499 EMPLOYEES	4	10.4	83.5	6.8	14.0	48.6	183.3	200.5	375.1	42.5	134.4
2,500 EMPLOYEES OR MORE	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN. RECORDS [1]	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3357-- NONFERROUS WIREDRAWING, INSULATING											
ESTABLISHMENTS, TOTAL	348	71.7	501.6	55.3	117.0	352.7	1 330.1	2 304.2	3 591.4	188.3	518.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [c]	36	.1	.4	.1	.1	.3	.9	1.3	2.2	48.3	.3
5 TO 9 EMPLOYEES [c]	13	.1	.5	.1	.1	.3	1.0	1.9	2.9	.1	.3
10 TO 19 EMPLOYEES	24	.3	2.4	.3	.5	1.6	6.6	6.9	13.4	.3	1.3
20 TO 49 EMPLOYEES	59	1.9	12.1	1.5	3.1	8.3	34.6	55.9	91.3	10.4	10.1
50 TO 99 EMPLOYEES	52	3.8	22.8	3.2	6.7	17.2	62.7	125.0	185.0	10.1	23.6
100 TO 249 EMPLOYEES	70	11.8	76.0	9.3	20.1	53.3	228.0	432.3	646.6	37.7	98.4
250 TO 499 EMPLOYEES	52	18.4	126.5	14.4	31.2	91.8	366.3	674.4	1 025.8	22.7	138.2
500 TO 999 EMPLOYEES	32	21.1	148.2	15.3	32.0	97.9	385.4	523.3	897.0	33.3	152.0
1,000 TO 2,499 EMPLOYEES	10	14.3	112.7	11.1	23.2	82.0	244.6	483.2	727.3	25.4	94.4
ESTABS. COVERED BY ADMIN. RECORDS [1 e]	25	.1	.4	.1	.1	.3	.8	1.3	2.1	(Z)	.3
3357-11 WITH ROD MILL											
ESTABLISHMENTS, TOTAL	19	8.6	64.9	6.8	14.4	46.7	177.7	435.1	609.8	23.0	74.2
50 TO 99 EMPLOYEES	1	1.5	11.1	1.2	2.7	7.5	31.9	60.6	91.1	2.5	12.8
100 TO 249 EMPLOYEES	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
250 TO 499 EMPLOYEES	4	7.1	53.8	5.6	11.7	39.2	145.8	374.5	518.7	20.5	61.4
500 TO 999 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3357-12 W/O ROD MILL OR INSULATING											
ESTABLISHMENTS, TOTAL	32	4.8	32.9	3.9	8.2	23.5	74.2	144.4	213.8	7.2	35.2
10 TO 19 EMPLOYEES	1	(Z)	.5	(Z)	.1	.3	1.6	5.1	6.7	(Z)	.8
20 TO 49 EMPLOYEES	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	10	.7	4.4	.7	1.3	3.6	14.6	27.1	41.8	.5	4.9
100 TO 249 EMPLOYEES	14	2.5	16.8	2.0	4.3	12.2	34.3	76.0	107.8	4.0	18.3
250 TO 499 EMPLOYEES	3	1.6	11.2	1.2	2.5	7.4	23.7	36.2	57.5	2.7	11.2
500 TO 999 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967—Continued

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3357-13 W/O ROD MILL BUT WITH INSULATING											
ESTABLISHMENTS, TOTAL	102	39.2	285.2	29.6	62.4	199.6	774.6	1 279.9	2 025.2	84.5	309.8
10 TO 19 EMPLOYEES	3	.3	2.1	.2	.6	1.5	10.3	15.0	26.2	5.7	1.3
20 TO 49 EMPLOYEES	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	11	.8	5.1	.6	1.5	3.8	10.4	37.2	45.4	7.2	9.3
100 TO 249 EMPLOYEES	27	4.7	30.4	3.7	7.8	21.4	115.3	233.8	341.9	28.2	49.2
250 TO 499 EMPLOYEES	26	9.5	66.4	7.4	15.9	48.5	192.7	345.3	529.0	11.0	78.2
500 TO 999 EMPLOYEES	22	14.3	102.5	10.2	21.4	67.1	273.1	349.7	614.0	17.7	114.1
1,000 TO 2,499 EMPLOYEES	6	9.6	78.7	7.5	15.2	57.3	172.8	298.2	468.7	14.7	57.7
3357-14 W/O WIREDRAWING DEPT.											
ESTABLISHMENTS, TOTAL	195	19.1	118.6	15.0	32.0	82.9	303.6	445.5	742.6	73.6	99.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [e]	36	.1	.4	.1	.1	.3	.9	1.3	2.2	48.3	.3
5 TO 9 EMPLOYEES [e]	13	.1	.5	.1	.1	.3	1.0	1.9	2.9	.1	.3
10 TO 19 EMPLOYEES	20	4.0	24.5	3.4	6.7	17.4	64.1	100.4	163.7	7.3	17.8
20 TO 49 EMPLOYEES	49	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
50 TO 99 EMPLOYEES	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
100 TO 249 EMPLOYEES	21	9.7	59.9	7.6	16.8	42.7	168.0	222.2	385.5	10.8	58.5
250 TO 499 EMPLOYEES	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	6	5.3	33.3	3.9	8.3	22.3	69.6	119.8	188.3	7.1	22.6
1,000 TO 2,499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3361-- ALUMINUM CASTINGS											
ESTABLISHMENTS, TOTAL	992	45.2	312.9	38.8	78.8	243.6	516.6	405.7	920.5	38.7	67.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [e]	287	.5	2.8	.5	.9	2.3	6.2	4.4	10.7	.1	.5
5 TO 9 EMPLOYEES [e]	133	.9	5.4	.8	1.6	4.5	10.1	6.7	16.8	.4	.7
10 TO 19 EMPLOYEES	161	2.3	14.1	2.0	4.0	11.2	25.2	16.5	41.5	1.1	2.0
20 TO 49 EMPLOYEES	212	6.5	40.3	5.7	11.3	31.4	68.3	47.7	115.5	4.2	6.7
50 TO 99 EMPLOYEES	97	6.8	42.0	5.9	12.0	32.5	72.8	58.0	130.6	5.1	8.3
100 TO 249 EMPLOYEES	68	10.3	69.2	8.9	18.6	52.9	115.6	87.6	202.5	9.3	14.1
250 TO 499 EMPLOYEES	24	8.3	61.9	6.9	14.9	47.3	91.1	71.6	162.1	6.7	13.5
500 TO 999 EMPLOYEES	6	4.2	34.7	3.4	6.6	26.9	57.6	61.0	118.3	8.2	11.2
1,000 TO 2,499 EMPLOYEES	4	5.4	42.5	4.6	9.1	34.7	69.8	52.3	122.5	3.5	10.1
ESTABS. COVERED BY ADMIN.RECORDS[1 e]	312	.8	4.4	.8	1.4	3.7	9.5	6.3	15.8	.3	.8
3362-- BRASS, BRONZE, AND COPPER CASTINGS											
ESTABLISHMENTS, TOTAL	534	17.9	119.8	15.1	30.6	89.2	226.8	218.0	445.2	12.4	52.5
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [e]	127	.2	1.3	.2	.4	1.0	3.5	3.1	6.6	(Z)	.5
5 TO 9 EMPLOYEES [e]	74	.5	3.1	.5	.9	2.4	7.2	5.8	13.1	.2	.7
10 TO 19 EMPLOYEES	126	1.8	10.7	1.5	2.9	8.1	20.0	20.5	40.4	.7	3.2
20 TO 49 EMPLOYEES	121	3.5	23.0	3.0	6.2	17.3	42.3	45.2	87.3	2.5	7.5
50 TO 99 EMPLOYEES	46	3.1	20.8	2.7	5.3	16.0	39.6	44.3	83.6	2.4	8.0
100 TO 249 EMPLOYEES	28	4.1	28.2	3.4	7.2	21.3	49.3	49.5	98.2	2.6	14.3
250 TO 499 EMPLOYEES	10	4.7	32.7	3.7	7.8	23.0	65.0	49.6	116.1	3.9	18.2
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN.RECORDS[1 e]	150	.4	2.4	.4	.8	1.8	5.5	4.9	10.4	.1	1.2
3369-- NONFERROUS CASTINGS, NEC											
ESTABLISHMENTS, TOTAL	360	26.6	176.9	22.1	45.0	131.2	324.1	233.0	556.3	18.2	51.7
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES [e]	85	.2	.9	.2	.3	.7	2.3	1.7	4.1	.4	.2
5 TO 9 EMPLOYEES	45	.3	2.0	.3	.5	1.4	4.6	2.9	7.4	.3	.3
10 TO 19 EMPLOYEES	50	.7	4.4	.6	1.2	3.1	8.6	6.2	14.7	.3	.8
20 TO 49 EMPLOYEES	75	2.4	14.9	2.0	4.2	10.7	32.1	22.6	54.6	1.8	2.9
50 TO 99 EMPLOYEES	42	2.9	18.0	2.5	5.1	13.4	33.6	30.1	63.6	2.9	3.7
100 TO 249 EMPLOYEES	39	5.6	36.1	4.8	9.8	27.5	62.9	52.8	115.1	4.6	8.3
250 TO 499 EMPLOYEES	15	5.3	37.4	4.3	8.8	26.2	53.5	39.7	92.9	2.2	10.6
500 TO 999 EMPLOYEES	5	3.9	24.3	3.2	6.0	18.9	51.4	38.3	90.4	1.7	10.0
1,000 TO 2,499 EMPLOYEES	4	5.4	38.6	4.3	9.2	29.3	75.1	38.6	113.5	4.0	14.9
ESTABS. COVERED BY ADMIN.RECORDS[1 e]	90	.2	1.2	.2	.4	1.0	2.9	2.1	5.0	.2	.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. X) Not applicable. (NA Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees.)

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

[2]Includes an unspecified amount for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3351	Copper rolling and drawing.....1967..	2,391.1	2,062.2	223.0	105.9	90	2,216.8	2,062.2	154.6	93
	1963..	1,657.5	1,409.1	154.4	94.0	90	1,544.5	1,409.1	135.4	91
3352	Aluminum rolling and drawing.....1967..	2,958.9	2,506.1	320.7	132.1	89	2,812.4	2,506.1	306.3	[1]89
	1963..	2,196.4	1,758.3	303.8	134.4	85	1,898.9	1,758.3	140.6	[1]93
3356	Nonferrous rolling and drawing, n.e.c.....1967..	984.0	854.5	108.0	21.5	89	1,012.0	854.5	157.5	[2]84
	1963..	641.0	511.3	99.5	30.2	84	630.5	511.3	119.2	[2]81
3357	Nonferrous wiredrawing and insulating.....1967..	3,591.4	3,247.9	242.8	100.7	93	3,650.9	3,247.9	403.0	[3]89
	1963..	2,117.9	1,885.3	176.3	56.3	91	2,185.0	1,885.3	299.7	[3]86
3361	Aluminum castings.....1967..	920.5	753.4	149.4	17.7	83	885.4	753.4	132.0	85
	1963..	640.2	504.8	121.7	13.7	81	607.0	504.8	102.2	83
3362	Brass, bronze and copper castings.....1967..	445.2	354.9	74.9	15.4	83	432.3	354.9	77.4	82
	1963..	287.5	234.6	43.9	9.0	84	299.8	234.6	65.1	78
3369	Nonferrous castings, n.e.c.....1967..	556.3	452.8	94.4	9.1	83	551.3	452.8	98.5	82
	1963..	302.7	229.1	64.4	9.2	78	306.5	229.1	77.4	75

Note: See Appendix, Explanation of Terms.

Standard Notes: (NA) Not available. n.e.c. Not elsewhere classified.

[1]Included in this industry is aluminum and aluminum-base alloy wire (including ACSR) which is also primary to industry 3357, Nonferrous Wire Drawing, Etc. A coverage ratio computed on the basis of including both industries to which aluminum and aluminum-base alloy wire (including ACSR) is primary, in 1967 would total 95 percent; 89 percent by industry 3352, and 6 percent by industry 3357. The remaining 5 percent was shipped by establishments in other industries. For 1963 the comparable percentages were: 96 percent; 93 percent by industry 3352, and 3 percent by industry 3357. The remaining 4 percent was shipped by establishments in other industries.

[2]Included in this industry is "other nonferrous metal wire," which is also primary to industry 3357, Nonferrous Wire Drawing, Etc. A coverage ratio computed on the basis of including both industries to which nonferrous metal wire is primary in 1967 would total 88 percent; 84 percent by industry 3356, and 4 percent by industry 3357. The remaining 12 percent was shipped by establishments in other industries. For 1963 the comparable percentages were: 85 percent; 81 percent by industry 3356, and 4 percent by industry 3357. The remaining 15 percent was shipped by establishments in other industries.

[3]Included in this industry are aluminum and aluminum-based alloy wire (including ACSR), other nonferrous metal wire, nonferrous woven wire products, and appliance wire and cord and flexible cord sets which are also primary, respectively, to industries 3352, Aluminum Rolling and Drawing; 3356, Rolling and Drawing, Etc.; 3481, Fabricated Wire Products, N.E.C.; and 3699, Electrical Products, N.E.C. A coverage ratio computed on the basis of including the industries to which these products are primary in 1967 would total 94 percent; 89 percent by industry 3357, and 5 percent by industries 3352, 3356, 3481, and 3699. The remaining 6 percent was shipped by establishments in other industries. For 1963 the comparable percentages were: 94 percent; 86 percent by industry 3357, and 8 percent by industries 3352, 3356, 3481, and 3699. The remaining 6 percent was shipped by establishments in other industries.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry and miscellaneous receipts	All industries	Copper rolling and drawing (SIC 3351)	Aluminum rolling and drawing (SIC 3352)	Nonferrous rolling and drawing (SIC 3356)	Nonferrous wire drawing and insulating (SIC 3357)	Aluminum castings (SIC 3361)	Brass, bronze and copper castings (SIC 3362)	Nonferrous castings n.e.c. (SIC 3369)	Other industries
	Total shipments and miscellaneous receipts	(X)	2,391.1	2,958.9	984.0	3,591.4	920.5	445.2	556.3	(X)
33511	Copper and copper-base alloy wire (bare and tinned for purposes other than electrical transmission	95.6	77.6	-	6.1	6.8	-	-	-	5.1
33512	Rolled, drawn and extruded copper and copper-base alloy mill products	2,105.1	1,969.7	-	(under 2)	117.2	-	(under 2)	-	17.8
33510	Rolled and drawn copper, n.s.k	16.1	14.9	-	-	-	-	-	-	1.2
33521 33571	Aluminum and aluminum-base alloy wire and cable	251.9	(5-10)	57.7	(under 2)	185.3	-	-	-	(under 2)
33522	Aluminum plate and sheet (including foil stock)	1,249.4	(20-50)	1,220.0	(under 2)	(under 2)	-	-	-	(5-10)
33523	Plain aluminum foil	184.6	-	(100-200)	-	-	-	-	-	(under 2)
33524	Rolled aluminum rod, bar (including continuous cast) and structural shaped	257.6	(10-20)	230.1	-	-	-	-	-	-
33525	Extruded aluminum rod, bar and other extruded shapes	565.7	7.4	541.2	-	-	-	-	-	17.1
33526	Aluminum tube and other rolled drawn or extruded mill products	172.2	17.3	151.6	1.4	-	-	-	-	1.9
33527	Aluminum ingot, produced in aluminum rolling mills	[1]55.4	-	55.4	-	-	-	-	-	-
33528	Aluminum extrusion billet, produced in aluminum rolling mills	[1]30.8	0.7	30.1	-	-	-	-	-	-
33520	Rolled and drawn aluminum, n.s.k	44.8	-	(20-50)	-	-	-	-	-	(5-10)
33560 33573	Other nonferrous metal wire	1,012.0	11.7	28.9	854.5	32.9	-	-	-	84.0
33572	Copper and copper-base alloy wire (including strand and cable), bare and tinned, for electrical transmission	372.8	(20-50)	(under 2)	(under 2)	337.4	-	-	-	(2-5)
33574	Communication wire and cable	909.1	-	-	-	907.8	-	-	-	1.3
33575 34815	Nonferrous wire cloth and other nonferrous wire products	90.1	-	-	-	34.6	-	-	-	[2]55.5
33576 36996	Appliance wire and cord and flexible cord sets	282.0	-	-	-	178.6	-	-	-	[3]103.4
33577	Magnet wire	449.6	-	-	-	386.2	-	-	-	63.4
33578	Power wire and cable	424.0	-	(under 2)	-	(200-500)	-	-	-	(under 2)
33579	Other insulated wire and cable, n.e.c	745.9	-	(10-20)	-	(500-1000)	-	-	-	(10-20)
33570	Nonferrous wire drawing and insulating, n.s.k	50.4	-	-	-	50.4	-	-	-	-
33610	Aluminum and aluminum-base alloy castings, total	885.4	-	(under 2)	-	-	753.4	(20-50)	57.1	47.7
33620	Copper and copper-base alloy castings, total	432.3	(10-20)	-	-	-	23.6	354.9	(2-5)	39.4
33691	Zinc and zinc-base alloy castings	323.3	-	-	-	-	61.3	(2-5)	254.6	(2-5)
33699	Nonferrous castings, n.e.c	178.5	-	-	(2-5)	-	10.2	(2-5)	-	11.9
33690	Nonferrous castings, n.e.c., n.s.k	49.5	-	-	-	-	-	(under 2)	48.0	(under 2)
	Other product shipments by 4-digit product group									
1999	Ordnance and accessories, n.e.c	(X)	-	(over 2)	-	-	-	-	-	(X)
2651	Folding paperboard boxes	(X)	-	(over 2)	-	-	-	-	-	(X)
2751	Commercial printing, except lithographic	(X)	-	(over 2)	-	-	-	-	-	(X)
2819	Industrial inorganic chemicals, n.e.c	(X)	(under 2)	-	(5-10)	-	-	-	-	(X)
2899	Chemical preparations, n.e.c	(X)	-	-	(10-20)	-	-	-	-	(X)
3079	Miscellaneous plastic products	(X)	(under 2)	(under 2)	(under 2)	(under 2)	(Z)	-	(2-5)	(X)
3315	Steel wire and related products	(X)	(under 2)	(Z)	-	9.1	-	-	-	(X)
3316	Cold rolled steel shapes	(X)	(2-5)	(under 2)	-	(under 2)	-	-	-	(X)
3321	Gray iron castings	(X)	-	(under 2)	-	-	2.9	6.1	(under 2)	(X)
3323	Steel castings	(X)	-	-	-	-	6.5	18.5	3.7	(X)
3341	Secondary nonferrous metals	(X)	(20-50)	(2-5)	7.1	-	0.1	(under 2)	-	(X)
3392	Nonferrous forgings	(X)	(10-20)	(20-50)	-	-	-	(under 2)	-	(X)
3399	Primary metal products n.e.c	(X)	-	(under 2)	(10-20)	(2-5)	-	(under 2)	-	(X)
3432	Plumbing fittings and brass goods	(X)	-	(2-5)	-	-	-	0.6	-	(X)
3442	Metal doors, sash, and trim	(X)	-	3.3	-	-	-	-	-	(X)
3444	Sheet metal work	(X)	-	29.4	(under 2)	(2-5)	-	-	-	(X)
3451	Screw machine products	(X)	(2-5)	-	-	-	-	-	-	(X)
3461	Metal stampings	(X)	(over 2)	(5-10)	(2-5)	-	0.8	-	(under 2)	(X)
3471	Plating and polishing	(X)	-	-	(2-5)	-	(under 2)	-	(under 2)	(X)
3481	Miscellaneous fabricated wire products	(X)	(2-5)	-	-	(2-5)	-	-	-	(X)

See footnote at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967—Continued

Product code	Class of products, industry and miscellaneous receipts	All industries	Copper rolling and drawing (SIC 3351)	Aluminum rolling and drawing (SIC 3352)	Nonferrous rolling and drawing (SIC 3356)	Nonferrous wire drawing and insulating (SIC 3357)	Aluminum castings (SIC 3361)	Brass, bronze and copper castings (SIC 3362)	Nonferrous castings n.e.c. (SIC 3369)	Other industries
	Other product shipments by 4-digit product group--continued									
3497	Metal foil and leaf	(X)	-	95.6	(under 2)	-	-	-	-	(X)
3544	Special dies, tools, jigs and fixtures	(X)	-	(under 2)	(under 2)	-	22.2	0.4	17.4	(X)
3548	Metalworking machinery, n.e.c.	(X)	-	(over 2)	-	-	(under 2)	-	(under 2)	(X)
3559	Special industry machinery, n.e.c.	(X)	-	-	-	(2-5)	-	-	(under 2)	(X)
3565	Industrial patterns	(X)	-	-	-	-	16.5	-	1.3	(X)
3566	Power transmission equipment	(X)	-	-	-	-	(under 2)	4.0	-	(X)
3599	Miscellaneous machinery except electrical	(X)	-	(over 2)	-	-	0.6	-	-	(X)
3621	Motors and generators	(X)	(2-5)	-	-	-	-	-	-	(X)
3623	Welding apparatus	(X)	(2-5)	-	-	-	-	-	-	(X)
3643	Current carrying wiring devices	(X)	-	-	(over 2)	(under 2)	(under 2)	-	-	(X)
3644	Noncurrent carrying wiring devices	(X)	(over 2)	(over 2)	-	3.8	-	(under 2)	-	(X)
3661	Telephone and telegraph apparatus	(X)	-	-	-	(10-20)	-	-	-	(X)
3679	Electronic components, n.e.c.	(X)	-	-	(over 2)	4.3	(under 2)	(over 2)	-	(X)
3694	Engine electrical equipment	(X)	-	-	-	(10-20)	-	-	-	(X)
3699	Electrical equipment, n.e.c.	(X)	-	-	-	2.6	-	-	-	(X)
3722	Aircraft engines and engine parts	(X)	-	-	(10-20)	-	-	-	-	(X)
3729	Aircraft equipment, n.e.c.	(X)	-	-	(over 2)	(under 2)	-	-	-	(X)
3742	Railroad and streetcars	(X)	-	-	-	-	-	(2-5)	-	(X)
3821	Mechanical measuring devices	(X)	-	-	-	4.9	-	-	-	(X)
	Other products[4]	(X)	185.9	163.6	93.4	94.1	4.7	45.3	14.9	(X)
	Miscellaneous receipts, total	(X)	105.9	132.1	21.5	100.7	17.7	15.4	9.1	(X)
9998013	Sales of scrap and refuse	(X)	33.2	50.3	4.5	(X)	2.4	3.2	.5	(X)
9300000	Other contract work	(X)	3.1	4.9	2.3	11.4	4.0	2.3	2.4	(X)
9998061	Receipts for repair work	(X)	(X)	(X)	(X)	(X)	.4	(under 2)	-	(X)
9998098	Other	(X)	.8	3.8	.7	47.1	1.7	(under 2)	.3	(X)
9998900	Resales	(X)	31.4	69.9	12.2	27.1	9.2	8.1	5.9	(X)

Product code	Class of products, industry and miscellaneous receipts	Other industries
3351-	3341 Secondary nonferrous metals	(2-5)
	3644 Noncurrent carrying wiring devices	(2-5)
	3661 Communication equipment	(over 2)
3352-	3341 Secondary nonferrous metals	(2-5)
	3411 Metal cans	(over 2)
	3444 Sheet metalwork	(over 2)
	3494 Valves and pipe fittings	(over 2)
	3499 Fabricated metal products, n.e.c.	(2-5)
3356-	3312 Blast furnaces and steel mills	(10-20)
	3317 Steel pipe and tubes	(10-20)
	3339 Primary nonferrous metals, n.e.c.	(over 2)
	3341 Secondary nonferrous metals	5.1
	3392 Nonferrous forgings	(over 2)
	3661 Telephone and telegraph apparatus	(over 2)
	3694 Engine electrical equipment	(over 2)
3357-	3315 Steel wire and related products	8.7
	3621 Motors and generators	(50-100)
	3643 Current carrying wiring devices	(2-5)
	3714 Motor vehicle parts and accessories	(over 2)
3361-	3321 Gray iron foundries	9.4
	3322 Malleable iron foundries	5.4
	3323 Steel foundries	6.7
	3565 Industrial patterns	2.2
	3599 Miscellaneous machinery except electrical	3.9
	3635 Household vacuum cleaners	(over 2)
	3714 Motor vehicle parts and accessories	(2-5)
3362-	3312 Blast furnaces and steel mills	(over 2)
	3321 Gray iron foundries	7.7
	3322 Steel foundries	5.2
	3494 Valves and pipe fittings	2.8
	3511 Engines and turbines	(2-5)
	3566 Power transmission equipment	3.5
	3714 Motor vehicle parts and accessories	(over 2)
3369-	2819 Industrial inorganic chemicals, n.e.c.	(over 2)
	3321 Gray iron foundries	4.2

Note: Data shown parenthetically above are expressed in millions of dollars.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

[1]These figures exclude the values for aluminum ingot and aluminum extrusion billet produced by industries other than 3352, Aluminum Rolling and Drawing. (See industries 3334, Primary Aluminum, and 3341, Secondary Nonferrous Metals, in final industry report MC-67(2)-33C, Smelting and Refining of Nonferrous Metals and Alloys.)

[2]Includes total for product class 34815, Nonferrous wire cloth and other woven nonferrous wire products, which is primary to industry 3357.

[3]Includes total for product class 36996, Appliance wire and cord, and flexible cord sets, which is primary to industry 3357.

[4]These figures include the value for more products which are not shown as well as the value of the figures for which a range is shown above.

TABLE 6A-1. Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Production (1,000 short tons)	Total shipments including interplant transfers[1]		Commercial shipments		Interplant transfers		Shipments of products manufactured from materials owned by others (1,000 short tons)
			Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	
		1967							
3351- --	ROLLED AND DRAWN COPPER, TOTAL[2]	(NA)	(NA)	2,216.8	(NA)	1,832.9	(X)	383.9	338.8
33511 --	Copper and copper-base alloy wire (bare and tinned) for purposes other than electrical transmission	66.9	63.8	95.6	59.5	89.3	4.3	6.3	2.1
33511 11	Unalloyed	11.8	11.4	16.4	11.4	16.4	-	-	2.1
33511 31	Alloyed	55.1	52.4	79.2	48.1	72.9	4.3	6.3	
33512 --	Rolled, drawn and extruded copper and copper-base alloy mill products	(NA)	(NA)	2,105.1	(NA)	1,727.5	(X)	377.6	337.1
	Copper, unalloyed mill shapes:								
33512 11	Rod, bar, and shapes	799.0	444.2	398.4	234.3	216.0	209.9	182.4	253.0
33512 13	Flat products (sheet, strip, plate, etc.)	128.3	107.6	143.6	(D)	(D)	(D)	(D)	15.9
33512 16	Pipe and tube, plumbing	183.5	191.7	268.7	184.3	258.4	7.4	10.3	-
33512 18	Other pipe and tube	128.0	124.3	197.5	73.0	185.8	8.3	11.7	2.4
	Copper-base alloy mill shapes:								
33512 32	Rod, bar, and shapes	436.0	389.1	361.3	282.0	261.2	107.1	100.1	24.8
33512 35	Flat products (sheet, strip, plates), including military cups and disks	712.9	419.9	507.2	353.5	448.7	66.4	59.5	
33512 36	Pipe and tube, plumbing	59.5	60.2	81.7	(D)	(D)	(D)	(D)	41.0
33512 38	Other pipe and tube	86.7	89.7	141.3	(D)	(D)	(D)	(D)	
33512 00	Rolled drawn and extruded copper and copper-base alloy mill products n.s.k.	(NA)	(NA)	5.4	(NA)	5.4	-	-	-
33510 00	Rolled and drawn copper n.s.k. (Represents principally establishment with 10 or more employees in 1967. See Note.)	(X)	(X)	15.2	(X)	15.2	-	-	-
33510 02	Rolled and drawn copper n.s.k. (Represents principally establishments with fewer than 10 employees in 1967. See Note.)	(X)	(X)	0.8	(X)	0.8	-	-	-
		1963							
3351- --	ROLLED AND DRAWN COPPER, TOTAL[2]	(NA)	(NA)	1,544.5	(NA)	1,230.4	(NA)	314.1	(D)
33511 --	Copper and copper-base alloy wire (bare and tinned) for purposes other than electrical transmission	(NA)	67.9	73.2	63.4	68.4	4.5	4.8	(D)
33511 11	Unalloyed	(NA)	13.0	13.1	63.4	68.4	4.5	4.8	(D)
33511 31	Alloyed	(NA)	54.9	60.1					
33512 --	Rolled, drawn and extruded copper and copper-base alloy mill products	(NA)	(NA)	1,471.4	(NA)	1,162.0	(NA)	309.3	207.9
	Copper, unalloyed mill shapes:								
33512 11	Rod, bar, and shapes	(NA)	461.7	321.9	192.3	141.9	269.4	180.0	164.1
33512 13	Flat products (sheet, strip, plate, etc.)	(NA)	122.6	122.4	118.8	119.1	3.8	3.2	8.7
33512 16	Pipe and tube, plumbing	(NA)	235.0	245.7	225.7	235.5	9.3	10.2	1.9
33512 18	Other pipe and tube	(NA)	136.6	147.1	132.5	143.3	4.1	3.9	
	Copper-base alloy mill shapes:								
33512 32	Rod, bar, and shapes	(NA)	309.7	225.7	211.1	160.6	98.7	65.1	
33512 35	Flat products (sheet, strip, plate), including military cups and disks	(NA)	308.9	303.8	260.4	263.3	48.4	40.5	32.9
33512 36	Pipe and tube, plumbing	(NA)	15.5	19.5	15.5	19.4	0.1	(Z)	
33512 38	Other pipe and tube	(NA)	66.5	82.3	59.8	76.0	6.6	6.3	
33512 00	Rolled drawn and extruded copper and copper-base alloy mill products n.s.k.	(NA)	(NA)	3.0	(NA)	3.0	-	-	-

See footnotes at end of table.

TABLE 6A-1. Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Production[2] (1,000 short tons)	Total shipments including interplant transfers[1] Quantity (1,000 short tons)	Total shipments including interplant transfers[1] Value (million dollars)	Commercial shipments Quantity (1,000 short tons)	Commercial shipments Value (million dollars)	Interplant transfers Quantity (1,000 short tons)	Interplant transfers Value (million dollars)	Produced and consumed in the same plant in the manufacture of other products[2] (1,000 short tons)	Shipments of products manufactured from materials owned by others (1,000 short tons)
		1967								
3352- --	ROLLED AND DRAWN ALUMINUM, TOTAL[3]	(NA)	(X)	2,812.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
33521 33571 --	Aluminum and aluminum-base alloy wire and cable (including ACSR)	426.1	352.6	251.9	333.6	235.2	18.8	16.7	(D)	(D)
33521 --	Made in industry 3352 (aluminum rolling and drawing)	147.6	90.8	75.0	85.0	69.0	5.8	6.0	(D)	-
33571 --	Made in industry 3357 (nonferrous wiredrawing, etc.) and other industries	278.5	261.7	176.9	248.6	166.1	13.1	10.8	(D)	-
33521 11 33571 11	Bare wire for electrical transmission	128.7	73.1	57.8	64.5	50.2	8.6	7.6	15.4	-
33521 11	Made in industry 3352 (aluminum rolling and drawing)	128.7	73.1	57.8	64.5	50.2	8.6	7.6	-	-
33571 11	Made in industry 3357 (nonferrous wiredrawing, etc.) and other industries				-	-	-	-	15.4	D)
33521 51 33571 51	Bare wire for other than electrical transmission	27.8	26.6	36.6					(D)	(D)
33521 51	Made in industry 3352 (aluminum rolling and drawing)	17.3	17.1	26.0					-	-
33571 51	Made in industry 3357 (nonferrous wiredrawing, etc.) and other industries	10.5	9.6	10.5					(D)	(D)
33521 62 33571 61	Aluminum cable steel reinforced (ACSR) (gross weight)	192.3	[4]186.3	115.2	206.1	145.1	6.7	6.7	(D)	-
33521 62	Made in industry 3352 (aluminum rolling and drawing)	33.9	32.2	21.3					-	-
33571 61	Made in industry 3357 (nonferrous wiredrawing, etc.) and other industries	158.4	154.1	93.9					(D)	-
33521 69 33571 65	Other aluminum cable, bare	77.2	[4]66.6	42.3	63.0	39.9	3.6	2.4	13.9	-
33521 69	Made in industry 3352 (aluminum rolling and drawing)	77.2	66.6	42.3	63.0	39.9	3.6	2.4	13.9	-
33571 65	Made in industry 3357 (nonferrous wiredrawing, etc.) and other industries									
33522 --	Aluminum plate and sheet (including foil stock)	(X)	(X)	1,249.4	(X)	918.9	(X)	330.5	(X)	(X)
33522 13	Plate, heat-treatable	101.3	88.0	109.4	66.4	90.9	21.6	18.5	-	-
33522 15	Plate, nonheat-treatable	78.4	76.3	71.2	60.5	49.9	15.8	21.3	(D)	(D)
	Sheet:									
	Flat:									
33522 23	Heat-treatable	104.2	99.9	96.6	83.8	81.8	16.1	14.8	-	(D)
33522 24	Nonheat-treatable, bare	207.3	194.0	150.3	157.9	122.2	36.1	28.1	(D)	(D)
33522 26	Nonheat-treatable, precoated[5]	32.1	30.8	24.4	24.8	15.8	6.0	8.6	-	-
	Coiled:									
33522 27	Heat-treatable	29.7	33.7	32.7	27.3	28.4	6.4	4.3	-	-
33522 31	Nonheat-treatable, bare	975.9	975.8	690.9	693.5	465.4	282.3	225.5	(D)	(D)
33522 33	Nonheat-treatable, precoated[5]	84.3	80.8	68.6	67.9	59.2	12.9	9.4	-	(D)
33522 00	Aluminum plate and sheet, n.s.k.	(X)	(X)	5.3	(X)	5.3	-	-	(X)	(X)
33523 51	Plain aluminum foil	228.1	[6]163.8	184.6	128.0	135.2	35.8	49.4	(D)	(D)
33524 --	Rolled aluminum rod, bar (including continuous cast) and structural shapes	(X)	346.2	257.6	75.5	48.8	270.7	208.8	(X)	(X)
	Rod and bar:									
33524 21	Rolled	377.9								
33524 25	Continuous cast	62.5	346.2	257.6	75.5	48.8	270.7	208.8	(D)	(D)
33524 51	Rolled structural shapes	5.0								
33524 00	Rolled aluminum rod, bar, and shapes, n.s.k.	(X)								

See footnotes at end of table.

TABLE 6A-1. Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Production[2] (1,000 short tons)	Total shipments including interplant transfers[1] Quantity (1,000 short tons)	Total shipments including interplant transfers[1] Value (million dollars)	Commercial shipments Quantity (1,000 short tons)	Commercial shipments Value (million dollars)	Interplant transfers Quantity (1,000 short tons)	Interplant transfers Value (million dollars)	Produced and consumed in the same plant in the manufacture of other products[2] (1,000 short tons)	Shipments of products manufactured from materials owned by others (1,000 short tons)
		1967--Continued								
	ROLLED AND DRAWN ALUMINUM--Continued									
33525 --	Extruded aluminum rod, bar, and other extruded shapes, except tube	(X)	(X)	565.7	(X)	521.1	(X)	44.6	(X)	(X)
	Extruded rod and bar:									
33525 15	Alloys other than 2,000 and 7,000 series	26.8	27.2	26.2	36.2	39.4	8.5	7.2	-	(D)
33525 18	Alloys in 2,000 and 7,000 series	20.1	17.5	20.4						
	Other extruded shapes, except tube:									
33525 25	Alloys other than 2,000 and 7,000 series	522.2	519.0	437.1	505.3	466.6	51.6	37.4	7.2	(D)
33525 28	Alloys in 2,000 and 7,000 series	38.6	37.9	66.9					-	-
33525 00	Extruded rod, bar, and other extruded shapes, except tube, n.s.k.	(X)	(X)	15.1	(X)	15.1	-	-	(X)	(X)
33526 --	Aluminum tube	(X)	(X)	172.2	(X)	154.5	(X)	17.7	(X)	(X)
33526 51	Extruded	77.3	74.5	70.8	134.7	141.2	7.8	17.7	(D)	-
33526 53	Drawn	43.6	44.4	67.8						
33526 55	Welded	23.5	23.6	20.3						
33526 00	Aluminum tube, n.s.k.	(X)	(X)	13.3	(X)	13.3	-	-	(NA)	(NA)
33527 11	Aluminum ingot[7 8]	979.2	88.2	55.4	(NA)	(NA)	(NA)	(NA)	908.7	(D)
33528 11	Aluminum extrusion billet[7 8]	257.1	57.0	30.8	(NA)	(NA)	(NA)	(NA)	178.7	3.7
33520 00	Aluminum rolling and drawing, n.s.k. (For establishments principally with 10 or more employees in 1967. See Note.)	(X)	(X)	42.9	(X)	42.9	-	-	(X)	(X)
33520 02	Aluminum rolling and drawing, n.s.k. (For establishments with fewer than 10 employees in 1967. See Note.)	(X)	(X)	1.9	(X)	1.9	-	-	(X)	(X)

Product code	Product	Production (1,000 short tons)	Total shipments including interplant transfers[1] Quantity (1,000 short tons)	Total shipments including interplant transfers[1] Value (million dollars)	Commercial shipments Quantity (1,000 short tons)	Commercial shipments Value (million dollars)	Interplant transfers Quantity (1,000 short tons)	Interplant transfers Value (million dollars)	Shipments of products manufactured from materials owned by others[2] (1,000 short tons)
		1963							
3352- --	ROLLED AND DRAWN ALUMINUM, TOTAL[3]	(NA)	(X)	1,898.9	(X)	(X)	(X)	(X)	(X)
33521 --	Aluminum and aluminum-base alloy wire (including ACSR)	(NA)	191.8	127.9	180.8	118.8	11.0	9.1	(D)
33521 --	Made in aluminum rolling mills (SIC 3352)	(NA)	81.1	56.9	75.2	51.4	5.9	5.5	(D)
33571 --	Made in nonferrous wire drawing (SIC 3357) and other industries	(NA)	110.7	71.0	105.6	67.4	5.1	3.6	-
33521 11 33571 11	Bare wire, conductor	(NA)	19.5	11.6	15.1	8.1	4.4	3.5	-
33521 11	Made in aluminum rolling mills	(NA)	6.2	4.2	15.1	8.1	4.4	3.5	-
33571 11	Made in nonferrous wire drawing and other industries	(NA)	13.2	7.4					-
33521 51 33571 51	Bare wire, other than conductor	(NA)	23.2	23.8	19.4	19.8	3.8	4.0	(D)
33521 51	Made in aluminum rolling mills	(NA)	17.7	18.1	19.4	19.8	3.8	4.0	(D)
33571 51	Made in nonferrous wire drawing and other industries	(NA)	5.6	5.6					-
33521 62 33571 61	Aluminum cable steel reinforced (ACSR)	(NA)	[4]130.4	81.3	146.3	90.9	2.8	1.7	-
33521 69 33571 65	Other aluminum cable, bare	(NA)	[4]18.7	11.3					

See footnotes at end of table.

TABLE 6A-1. Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Production (1,000 short tons)	Total shipments including interplant transfers[1] Quantity (1,000 short tons)	Total shipments including interplant transfers[1] Value (million dollars)	Commercial shipments Quantity (1,000 short tons)	Commercial shipments Value (million dollars)	Interplant transfers Quantity (1,000 short tons)	Interplant transfers Value (million dollars)	Shipments of products manufactured from materials owned by others[2] (1,000 short tons)
		1963--Continued							
3352- --	ROLLED AND DRAWN ALUMINUM--Continued								
33522 --	Aluminum plate and sheet (including foil stock)	(NA)	(X)	850.5	(X)	714.4	(X)	136.1	
33522 13	Plate, heat-treatable	(NA)	44.2	51.8	101.7	104.3	5.5	6.3	
33522 15	Plate, nonheat-treatable	(NA)	63.0	58.8					
	Sheet:								
	Flat:								
33522 23	Heat-treatable	(NA)	82.5	80.1	79.3	77.8	3.2	2.3	
33522 24	Nonheat-treatable, bare	(NA)	297.1	230.1	272.0	210.9	25.1	19.1	
33522 26	Nonheat-treatable, precoated	(D)							
	Coiled:								
33522 27	Heat-treatable	(NA)	20.1	18.3	18.1	17.0	2.0	1.3	
33522 31	Nonheat-treatable, bare	(NA)	539.6	366.3	440.2	302.9	156.3	107.0	
33522 33	Nonheat-treatable, precoated[5]	(NA)	56.9	43.6					
33522 00	Aluminum plate and sheets, n.s.k.	(NA)	(X)	1.5	(X)	1.5	-	-	
33523 51	Plain aluminum foil	(NA)	[6]103.9	129.4	60.2	78.4	43.7	51.0	
33524 --	Rolled aluminum rod, bar (including continuous cast) and structural shapes	(NA)	(X)	145.2	(X)	61.6	(X)	83.5	
	Rod and bar:								
33524 21	Rolled	(NA)	203.6	139.5	77.7	61.5	132.0	83.5	23.1
33524 25	Continuous cast	(NA)							
33524 31	Rolled structural shapes	(NA)	6.0	5.5					
33524 00	Rolled aluminum rod, bar, and shapes, n.s.k.	(NA)	(X)	0.2	(X)	0.2	-	-	
33525 --	Extruded aluminum rod, bar, and other extruded shapes, except tube	(NA)	(X)	397.3	(X)	373.9	(X)	23.4	
	Extruded rod and bar:								
33515 25	Alloys other than 2,000 and 7,000 series	(NA)	37.1	32.3	40.7	37.0	6.8	4.8	
33525 18	Alloys in 2,000 and 7,000 series	(NA)	10.4	9.5					
	Other extruded shapes, except tube:								
33525 25	Alloys other than 2,000 and 7,000 series	(NA)	364.5	310.8	365.2	334.8	22.0	18.6	
33525 28	Alloys in 2,000 and 7,000 series	(NA)	22.7	42.6					
33525 00	Extruded rod, bar, and other extruded shapes, except tube, n.s.k.	(NA)	(X)	2.1	(X)	2.1	-	-	
33526 --	Aluminum tube	(NA)	(X)	139.2	(X)	127.5	(X)	11.6	
33526 51	Extruded	(NA)	75.1	64.4	133.4	126.7	9.8	11.6	
33526 53	Drawn	(NA)	44.7	55.1					
33526 55	Welded	(NA)	22.5	18.9					
33526 00	Aluminum tube, n.s.k.	(NA)	(X)	0.8	(X)	0.8	-	-	
33527 11	Aluminum ingot[7] [8]	(NA)	86.2	49.0	(D)	(D)	(D)	(D)	(D)
33528 11	Aluminum extrusion billet[7] [8]	(NA)	109.0	48.7	64.2	26.6	44.7	22.1	16.2
33520 00	Aluminum rolling and drawing, n.s.k.	(NA)	(X)	11.7	(X)	11.7	-	-	(X)

Product code	Product	Total shipments including interplant transfers[1] Quantity (1,000 short tons)	Total shipments including interplant transfers[1] Value (Million dollars)	Commercial shipments Quantity (1,000 short tons)	Commercial shipments Value (Million dollars)	Interplant transfers Quantity (1,000 short tons)	Interplant transfers Value (Million dollars)
		1967					
3356- --	ROLLED AND DRAWN NONFERROUS METALS, N.E.C., TOTAL	(X)	1,012.0	(X)	(NA)	(X)	(NA)
	Magnesium and magnesium-base alloys:[9]						
33560 43	Extruded shapes (including rod and bar	26.5	55.1	(D)	(D)	(D)	(D)
33560 44	Other (sheet, plate, etc.) (excluding powder)						
	Lead and lead-base alloys:						
33560 51	Plate, sheet, and strip	49.2	27.8	(D)	(D)	(D)	(D)
33560 55	Pipe and tubing, traps, and bends	19.5	10.0	(D)	(D)	(D)	(D)
33560 59	Other rolled, drawn, or extruded lead products	26.7	15.6	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6A-1. Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers[1]		Commercial shipments		Interplant transfers	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
		1967--Continued					
3356- --	ROLLED AND DRAWN NONFERROUS METALS--Continued						
	Nickel and nickel-base alloys (including monel):						
33560 61	Plate, sheet, and strip (excluding monel)	16.4	48.8	(D)	(D)	(D)	(D)
33560 63	Pipe and tubing (excluding monel)	7.3	36.9	(D)	(D)	(D)	(D)
33560 65	Monel, all shapes and forms	42.1	122.5	(D)	(D)	(D)	(D)
33560 69	Other, excluding monel (including rods and bars)						
33560 71	Zinc and zinc-base alloys (including plate, sheet, strip, rods, bars, pipe, and tubing)	17.4	9.1	(D)	(D)	(D)	(D)
	Titanium:[10]						
33560 74	Forging and extrusion billet	8.4	47.2	(D)	(D)	(D)	(D)
33560 72	Ingot	(NA)	133.8	(D)	(D)	(D)	(D)
33560 79	Other titanium mill products (sheet, plate, tubing, bar, etc.)						
	Precious metal mill shapes:						
33560 82	Gold						
33560 84	Silver	(NA)	292.7	-	-	-	-
33560 86	Platinum						
33560 89	Other						
33560 92 33573 11	Other nonferrous metal wire	(NA)	75.1	(D)	(D)	(D)	(D)
33560 92	Made in rolling and drawing, n.e.c. (industry 3356)	(NA)	34.6	(D)	(D)	(D)	(D)
33573 11	Made in nonferrous wire drawing (industry 3357) and other industries	(NA)	[11]40.5	(D)	(D)	(D)	(D)
33560 98	Other nonferrous metals	(NA)	90.8	(D)	(D)	(D)	(D)
33560 00	Rolling and drawing, n.e.c., n.s.k. (For establishments with 10 or more employees in 1967. See Note.)	(X)	44.2	(X)	(NA)	(X)	(NA)
33560 02	Rolling and drawing, n.e.c., n.s.k. (For establishments with less than 10 employees in 1967. See Note.)	(X)	2.4	(X)	(NA)	(X)	(NA)
		1963					
3356- --	ROLLED AND DRAWN NONFERROUS METALS, N.E.C., TOTAL	(X)	630.5	(X)	(NA)	(X)	(NA)
	Magnesium and magnesium-base alloy mill shapes:[9]						
33560 43	Extruded shapes, including rod and bar	12.8	20.7	(D)	(D)	(D)	(D)
33560 44	Other (sheet, plate, etc.), excluding powder						
	Lead and lead-base alloy mill shapes:						
33560 51	Plate, sheet, and strip	24.3	7.6	(D)	(D)	(D)	(D)
33560 55	Pipe and tubing, traps and bends	17.5	7.0	(D)	(D)	(D)	(D)
33560 59	Other rolled, drawn, or extruded lead products	22.3	12.8	(D)	(D)	(D)	(D)
	Nickel and nickel-base alloy mill shapes including monel:						
33560 61	Plate, sheet, and strip, excluding monel	10.7	35.6	(D)	(D)	(D)	(D)
33560 63	Pipe and tubing, excluding monel	5.3	23.6	(D)	(D)	(D)	(D)
33560 65	Monel, all shapes and forms	37.1	103.4	(D)	(D)	(D)	(D)
33560 69	Rod, bar, and other, excluding monel						
33560 71	Zinc and zinc-base alloy mill shapes, including plate, sheet, strip, rods, bars, pipe, and tubing	35.0	16.0	(D)	(D)	(D)	(D)
	Titanium:[10]						
33560 74	Forging and extrusion billet	2.3	14.5	(D)	(D)	(D)	(D)
33560 72	Ingot	(NA)	66.9	(D)	(D)	(D)	(D)
33560 79	Other titanium mill products (sheet, plate, tubing, bar, etc.)						
33560 83	Precious metal mill shapes	(NA)	193.4	(D)	(D)	(D)	(D)
33560 81 33573 11	Other nonferrous metal wire	(NA)	45.6	(D)	(D)	(D)	(D)
33560 81	Made in rolling and drawing, n.e.c. (industry 3356)	(NA)	12.4	(D)	(D)	(D)	(D)
33573 11	Made in nonferrous wire drawing (industry 3357) and other industries	(NA)	[12]33.2	(D)	(D)	(D)	(D)
33560 98	Other nonferrous metals	(NA)	67.2	(D)	(D)	(D)	(D)
33560 00	Rolling and drawing, n.e.c., n.s.k.	(X)	16.2	(X)	(NA)	(X)	(NA)

See footnotes at end of table.

TABLE 6A-1. Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Production[2]	Total shipments including interplant transfers[1]		Commercial shipments		Interplant transfers		Produced and consumed in the same plant in the manufacture of other products[2]	Shipments of products manufactured from materials owned by others[2]
			Quantity	Value	Quantity	Value	Quantity	Value		
		(1,000 short tons)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(1,000 short tons)
		1967								
3357- --	NONFERROUS WIREDRAWING AND INSULATING, TOTAL	(X)	(X)	3,650.9	(NA)	(NA)	(NA)	(NA)	((X)	(X)
33571 -- / 33521 --	Aluminum and aluminum-base alloy wire and cable (including ACSR)[3]	426.1	352.6	251.9	333.6	235.2	18.9	16.7	(D)	(D)
33571 --	Made in industry 3357 (nonferrous wire drawing, etc.) and other industries	278.5	261.7	176.9	248.6	166.1	13.1	10.8	(D)	-
33521 --	Made in industry 3352 (aluminum rolling and drawing)	147.6	90.8	75.0	85.0	69.0	5.8	6.0	(D)	-
33571 11 / 33521 11	Bare wire for electrical transmission	128.7	73.1	57.8	64.5	50.2	8.6	7.6	15.4	-
33571 11	Made in industry 3357 (nonferrous wire drawing, etc.) and other industries	128.7	73.1	57.8	64.5	50.2	8.6	7.6	15.4	(D)
33521 11	Made in industry 3352 (aluminum rolling and drawing)									
33571 51 / 33521 51	Bare wire for other than electrical transmission	28.7	26.6	36.6					(D)	(D)
33571 51	Made in industry 3357 (nonferrous wire drawing, etc.) and other industries	10.5	9.6	10.5					(D)	(D)
33521 51	Made in industry 3357 (aluminum rolling and drawing)	17.3	17.1	26.0					-	-
33571 61 / 33521 62	Aluminum cable-steel reinforced (ACSR) (gross weight)	192.3	[4]186.3	115.2	206.2	145.1	6.7	6.7	(D)	-
33571 61	Made in industry 3357 (nonferrous wire drawing, etc.) and other industries	158.4	154.1	93.9					(D)	-
33521 62	Made in industry 3352 (aluminum rolling and drawing)	33.9	32.2	21.3					-	-
33571 65 / 33521 69	Other aluminum cable, bare	77.2	[4]66.6	42.3	62.9	39.9	3.6	2.4	13.9	-
33571 65	Made in industry 3357 (nonferrous wire drawing, etc.) and other industries	77.2	66.6	42.3	62.9	39.9	3.6	2.4	13.9	-
33521 69	Made in industry 3352 (aluminum rolling and drawing)									
33572 --	Copper and copper-base alloy wire (including strand and cable) bare, and tinned for electrical transmission[2]	884.8	335.0	372.8	(D)	(D)	(D)	(D)	519.7	48.4
33572 11	Wire, unalloyed for electrical transmission	577.5	260.8	262.7	(D)	(D)	(D)	(D)	(D)	(D)
33572 51	Wire, alloyed for electrical transmission									
33572 71	Strand and cable	267.3	82.6	103.5	(D)	(D)	(D)	(D)	(D)	(D)
33572 00	Other copper and copper-base alloy wire, n.s.k.	(X)	(X)	6.6	(X)	(X)	(X)	(X)	(X)	(X)
		1963								
3357- --	NONFERROUS WIRE DRAWING AND INSULATING TOTAL	(NA)	(NA)	2,185.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
33571 -- / 33521 --	Aluminum and aluminum-base alloy wire and cable (including ACSR)[3]	(NA)	191.8	127.9	180.8	118.8	11.0	9.1	(D)	(D)
33571 --	Made in nonferrous wire drawing (SIC 3357) and other industries	(NA)	110.7	71.0	105.6	67.4	5.1	3.6	(NA)	-
33521 --	Made in aluminum rolling mills (SIC 3352)	(NA)	81.1	56.9	75.2	51.4	5.9	5.5	(NA)	(D)
33571 11 / 33521 11	Bare wire, conductor	(NA)	19.5	11.6	15.1	8.1	4.4	3.5	(NA)	-
33571 11	Made in nonferrous wire drawing and other industries	(NA)	13.2	7.4	15.1	8.1	4.4	3.5	(NA)	-
33521 11	Made in aluminum rolling mills	(NA)	6.2	4.2					(NA)	-
33571 51 / 33521 51	Bare wire, other than conductor	(NA)	23.2	23.8	19.4	19.8	3.8	4.0	(NA)	(D)
33571 51	Made in nonferrous wire drawing and other industries	(NA)	5.6	5.6	19.4	19.8	3.8	4.0	(NA)	-
33521 51	Made in aluminum rolling mills	(NA)	17.7	18.1					(NA)	(D)

See footnotes at end of table.

TABLE 6A-1. Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Production[2]	Total shipments including interplant transfers[1]		Commercial shipments		Interplant transfers		Produced and consumed in the same plant in the manufacture of other products[2]	Shipments of products manufactured from materials owned by others[2]
			Quantity	Value	Quantity	Value	Quantity	Value		
		(1,000 short tons)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(million dollars)	(1,000 short tons)	(1,000 short tons)
		1963								
	NONFERROUS WIREDRAWING AND INSULATING--Con.									
33571 -- 33521 --	Aluminum and aluminum-base alloy wire and cable (including ACSR)--Continued									
33571 61 33521 62	Aluminum cable-steel reinforced (ACSR)	(NA)	[4]130.4	81.3	146.3	90.9	2.8	1.7	(NA)	-
33571 65 33521 69	Other aluminum cable, bare	(NA)	[4]18.7	11.3					(NA)	-
33572 --	Copper and copper-base alloy wire (including strand and cable), bare, and tinned, for electrical transmission[12]	(X)	(X)	245.0	(X)	(X)	(X)	(X)	(X)	(X)
33572 11	Wire, unalloyed for electrical transmission	378.9	230.1	181.3	145.8	114.9	84.2	66.4	365.5	7.5
33572 51	Wire, alloyed, for electrical transmission	(NA)	(NA)	7.2	(D)	(D)	(D)	(D)		
33572 71	Strand and cable	264.2	62.1	55.9	45.0	41.6	17.1	14.3		
33572 00	Other copper and copper-base alloy wire, n.s.k.	(X)	(X)	0.5	(X)	(X)	(X)	(X)	(X)	(X)

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
33573 11 33560 92	Other bare nonferrous metal wire, except insulated		(X)	75.1	(NA)	45.6
33573 11	Made in nonferrous wiredrawing (industry 3357) and other industries		(X)	40.5	(NA)	33.2
33560 92	Made in rolling and drawing, n.e.c. (industry 3356)		(X)	34.6	(NA)	12.4
33575 -- 34815 --	Nonferrous wire cloth and other woven nonferrous wire products		(X)	90.1	(X)	70.5
33575 --	Made in industry 3357 (nonferrous wire drawing, etc.)		(X)	36.2	(X)	21.2
34815 --	Made in fabricated wire products, n.e.c. (industry 3481) and other industries		(X)	53.9	(X)	49.3
	Insect wire screening:					
33575 25 34815 15	Aluminum	Million sq. ft.	472.1	21.4	459.1	21.2
33575 25	Made in industry 3357	...do...	351.1	14.1	188.1	7.3
34815 15	Made in industry 3481 and other industries	...do...	121.0	7.3	271.0	14.0
33575 29 34815 19	All other nonferrous metal	...do...	56.1	1.6	(NA)	0.8
	Paper machine wire cloth (fourdrinier and cylinder):					
33575 53 34815 53	Copper	...do...	26.8	43.4	24.6	36.6
33575 59 34815 59	All other nonferrous metal	...do...	5.3	5.9		
33575 65 34815 65	Industrial wire cloth, nonferrous	...do...	20.0	14.4	12.5	8.8
33575 00 34815 00	Nonferrous wire cloth and other woven nonferrous wire products, n.s.k.		(X)	3.5	(X)	3.0
	Communication wire and cable:					
33574 --	As reported in the census of manufactures		(X)	909.1	(X)	581.8
	As reported on annual Form MA-33L		(X)	862.5	(X)	(X)

See footnotes at end of table.

TABLE 6A-1. Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1967		1963	
			Quantity	Value (million dollars)	Quantity	Value (million dollars)
	NONFERROUS WIREDRAWING AND INSULATING--Continued					
	Appliance wire and cord and flexible cord sets, produced in establishments which insulate wire and cable:					
	As reported on annual Form MA-33L	.....	(X)	259.8	(X)	(X)
33576 -- 36996 --	As reported in the census of manufactures	.....	(X)	282.0	(X)	167.7
33576 --	Made in nonferrous wiredrawing, etc. (industry 3357)	.....	(X)	184.2	(X)	101.7
36996 --	Made in electrical products, n.e.c. (industry 3699) and other industries	.....	(X)	97.8	(X)	66.0
	Magnet wire:					
33577 --	As reported in the census of manufactures	.....	(X)	449.6	(X)	258.3
	As reported on annual Form MA-33L	.....	(X)	420.4	(X)	(X)
	Power wire and cable:					
33578 --	As reported in the census of manufactures	.....	(X)	424.0	(X)	218.8
	As reported on annual Form MA-33L	.....	(X)	407.4	(X)	(X)
	Other insulated wire and cable, n.e.c.:					
33579 --	As reported in the census of manufactures	.....	(X)	745.9	(X)	454.1
	As reported on annual Form MA-33L	.....	(X)	736.2	(X)	(X)
33570 00	Drawn and insulated nonferrous wire, n.s.k. (For establishments with 10 or more employees. See Note.)	.....	(X)	48.3	(X)	15.4
33570 02	Drawn and insulated nonferrous wire, n.s.k. (For establishments with fewer than 10 employees. See Note.)	.....	(X)	2.1		
3361- --	ALUMINUM CASTINGS, TOTAL	.....	(X)	885.4	(X)	607.0
	Aluminum and aluminum-base alloy castings (except cast aluminum cooking utensils):[13]					
33610 11	Sand	Million lbs...	[e]193.9	208.5	152.3	146.3
33610 31	Permanent and semipermanent mold	...do.....	[e]252.2	169.2	194.7	113.4
33610 41	Die	...do.....	653.5	390.9	476.7	266.7
33610 51	Investment	1,000 lbs.....	(NA)	22.1	1.4	9.7
33610 61	Other	Million lbs...	(NA)	18.2	(NA)	21.3
	Cast aluminum finished products:					
33610 71	Pressure cookers, household (except electric)	.....	(X)	1.5	(X)	10.1
33610 75	Cast aluminum cooking utensils (except electric)	.....	(X)	6.5		
33610 00	Aluminum and aluminum-base alloy castings, n.s.k. (Represents principally establishments with 10 employees or more in 1967. See Note.)	.....	(X)	53.4	(X)	39.5
33610 02	Aluminum and aluminum-base alloy castings, n.s.k. (Represents principally establishments with fewer than 10 employees in 1967. See Note.)	.....	(X)	15.1		
3362- --	BRASS, BRONZE, AND COPPER CASTINGS, TOTAL	.....	(X)	432.3	(X)	299.8
	Copper and copper-base alloy castings (except bearings and bushings):[13]					
33620 11	Sand	Million pounds	249.7	244.7	278.6	192.0
33620 31	Permanent and semipermanent mold	...do.....	15.2	9.3	14.4	13.9
33620 41	Die	...do.....	20.2	16.0	6.5	7.4
33620 51	Investment	1,000 pounds..	(NA)	10.3	(NA)	4.0
33620 61	Other	...do.....	28.6	31.4	28.1	21.4
33620 71	Copper-base alloy bearings and bushings, nonmachined	.....	(X)	46.7	(X)	39.1
33620 00	Copper and copper-base alloy castings, n.s.k. (For establishments with 10 or more employees in 1967. See Note.)	.....	(X)	64.2	(X)	22.1
33620 02	Copper and copper-base alloy castings, n.s.k. (For establishments with fewer than 10 employees in 1967. See Note.)	.....	(X)	9.7		

See footnotes at end of table.

TABLE 6A-1. Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (million pounds)	Value (million dollars)	Quantity (million pounds)	Value (million dollars)
3369- --	NONFERROUS CASTINGS, N.E.C. TOTAL[13]	(X)	551.3	(NA)	306.5
33691 --	Zinc and zinc-base alloy castings	486.9	323.3	(NA)	206.4
33691 51	Die	473.5	312.0	372.4	201.9
33691 61	Other	27.3	11.3	(NA)	4.5
33699 --	Other nonferrous castings	(X)	178.5	(X)	44.2
	Magnesium and magnesium-base alloy castings:				
33699 11	Sand	e12.1	49.7	10.0	31.3
33699 31	Die	([14])	([14])	(NA)	7.7
33699 33	Cast anodes	(NA)	3.9	(NA)	5.2
33699 41	Other, including permanent and semipermanent	(NA)	15.4		
33699 71	Lead and lead-base alloy die castings	(NA)	8.8	(NA)	6.7
33699 98	Other nonferrous metal castings, including die castings	(X)	100.7	(NA)	35.5
33690 00	Nonferrous castings, n.e.c., n.s.k. (For establishments with more than 10 employees. See Note.)	(X)	44.5	(X)	13.7
33690 02	Nonferrous castings, n.e.c., n.s.k. (For establishments with fewer than 10 employees. See Note.)	(X)	5.0		

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. eFrom 10 to 30 percent of this figure was estimated.

[1]Includes shipments of these products produced on a toll basis by others.

[2]Data are also shown in Current Industrial Report Series BDSAF-84, Shipments of Copper-Base Mill and Foundry Products. See table 6A-2.

[3]Data are also published in Current Industrial Reports Series M33-2, Aluminum Ingot and Mill Products. See table 6A-2.

[4]Data for ACSR and aluminum cable, bare, are also published monthly in Current Industrial Reports Series M33-2, Aluminum Ingot and Mill Products. Net quantity of shipments as reported in this series for the year 1967 and 1963 totaled 253.1 and 136.2 thousand short tons, respectively.

[5]Includes only permanent finishes such as enameling and vinyl coating. Excludes those coatings which are applied only for temporary protection.

[6]Differs from quantity data published in Current Industrial Reports Series M33-2, Aluminum Ingot and Mill Products, in that no data are included in the plain aluminum foil figures for that quantity of plain foil which is produced and converted in the establishment. As shown in the Current Industrial Reports, net shipments of aluminum foil totaled 224.7 thousand short tons in 1967 and 161.2 thousand short tons in 1963.

Footnotes continued on next page

TABLE 6A-1. Quantity and Value of Shipments by All Producers: 1967 and 1963—Continued

FOOTNOTES FOR TABLE 6A-2 INDUSTRY--3351

[7]Represents aluminum ingot and extursion billet made only by establisnments classified in industry 3352, Aluminum Rolling and Drawing. Comparable shipments for plants classified in industries 3334 Primary Aluminum and 3341, Secondary Nonferrous Metals, and other industries are as follows:

Item	Total shipments		Other companies		Interplant transfers	
	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
	1967					
Aluminum ingot:						
Industry 3334	2,771.5	1,324.1	1,162.6	579.0	1,598.9	745.1
Industry 3341 and other industries	663.5	302.8	(NA)	(NA)	(NA)	(NA)
Aluminum extrusion billet:						
Industry 3334	464.0	201.4	301.1	106.2	162.9	95.2
Industry 3341 and other industries	84.9	39.3	(NA)	(NA)	(NA)	(NA)
	1963					
Aluminum ingot:						
Industry 3334	2,118.6	946.8	965.3	426.7	1,153.3	520.1
Industry 3341	540.5	230.7	(NA)	(NA)	(NA)	(NA)
All other industries	9.6	8.2				
Aluminum extrusion billet:						
Industry 3334	272.1	122.8	193.6	86.2	78.5	36.6
Industry 3341	33.0	13.9	33.0	13.9	-	-
All other industries						

[8]Most of the aluminum ingot and billet (alloys) produced by aluminum rolling mills represent duplication of tonnages reported by the primary aluminum industry in that metal produced by the rolling mills is made from ingot produced in primary aluminum plants.

[9]Data are also published in Current Industrial Reports Series M33G "Magnesium Mill Products". See table 6A-2.

[10]Data are also published in Current Industrial Reports Series BDSAF-263 "Titanium Ingot and Mill Products." See table 6A-2.

[11]Includes $32.1 million produced in Industry 3357 "Nonferrous Wire Drawing, etc."

[12]Includes $25.8 million produced in Industry 3357 "Nonferrous Wire Drawing, etc."

[13]These data differ from the quantities shown in Current Industrial Report series M33E, "Nonferrous castings," in that no data are included for castings produced by captive foundry departments of plants classified in other industries. In addition, certain products are reported as castings in the monthly survey which in the census of manufactures, are classified as finished products in other industries.

[14]These data are included with product code 33699 41, "Other, including permanent and semipermanent magnesium and magnesium-base alloy castings."

TABLE 6A-2. Net Shipments of Selected Nonferrous Metal Rolled, Drawn, and Extruded Products: 1963 to 1967

(1,000 short tons)

Product	1967	1966	1965	1964	1963
Copper-base mill products, total[1] [2]	2,503.5	2,943.5	2,606.5	2,418.0	2,113.5
Copper mill (brass mill) products, total	1,297.5	1,663.0	1,487.0	1,393.5	1,232.5
Copper-base alloy:					
Sheet and strip[3]	393.5	483.5	374.0	335.5	286.5
Rod, bar, and wire	325.5	440.5	404.5	373.0	332.0
Tube and pipe	83.0	80.5	77.0	74.5	67.5
Unalloyed copper:					
Sheet and strip	110.0	173.0	136.0	126.0	118.5
Rod, bar, and wire[4]	65.0	80.5	76.5	68.0	54.5
Tube and pipe	320.5	405.0	419.0	416.5	373.5
Copper wire mill products, total	1,178.0	1,247.0	1,088.5	996.0	855.5
Bare wire[5]	117.0	134.5	103.0	101.0	85.5
Insulated communication wire	271.5	282.5	270.0	259.5	222.0
Other insulated wire	789.5	830.0	715.5	635.5	548.0
Copper-base powder mill products, total	28.0	33.5	31.0	28.5	25.5
Copper-base alloy:					
Granular	11.0	12.0	11.5	9.0	8.0
Flake	2.0	2.0	2.0	2.0	2.0
Unalloyed copper:					
Granular	14.5	18.0	17.5	17.0	14.5
Flake	1.0	0.5	0.5	0.5	1.0
Aluminum mill products (including wire), total[1] [6]	3,125.6	3,228.7	2,839.7	2,417.5	2,128.6
Sheet:					
Nonheat-treatable	1,192.8	1,191.4	1,089.9	951.5	813.3
Heat-treatable	113.7	140.7	48.5	83.9	82.6
Plate:					
Nonheat-treatable	59.7	62.8	55.0	62.0	63.3
Heat-treatable	67.8	73.6	48.5	39.5	38.6
Foil (including foil in lamination)	224.7	216.1	197.8	178.4	161.2
Rolled and continuous cast rod and bar	71.5	75.9	79.9	73.4	60.8
Wire, bare, conductor and nonconductor	48.9	51.6	41.3	31.6	28.8
ACSR and aluminum cable, bare	253.1	253.7	214.6	154.6	136.1
Wire and cable, insulated or covered	87.4	82.7	64.7	51.6	44.6
Extruded rod and bar:					
Alloys other than 2000 and 7000 series	21.8	33.6	34.1	35.3	30.5
Alloys in 2000 and 7000 series	9.2	10.8	7.4	6.3	5.1
Extruded pipe and tube:					
Alloys other than 2000 and 7000 series	78.7	95.3	87.5	79.1	75.1
Alloys in 2000 and 7000 series	4.3	3.4	2.0	2.2	3.0
Extruded shapes:					
Alloys other than 2000 and 7000 series[7]	611.4	667.6	611.5	508.2	435.4
Alloys in 2000 and 7000 series	42.3	48.9	28.7	20.5	27.1
Drawn tube:					
Alloys other than 2000 and 7000 series	40.8	46.1	39.4	15.2	32.7
Alloys in 2000 and 7000 series	3.7	3.8	1.8	3.3	
Welded tube, nonheat-treatable[8]	43.9	45.6	46.9	38.7	26.0
Powder and paste:					
Atomized	102.9	42.5	16.6	11.7	11.3
Flaked	1.3	3.7	3.7	2.4	2.2
Paste	9.5	9.5	9.1	9.1	8.9
Powder, n.e.c.	3.3				
Forgings (including impact extrusions)	82.6	69.6	47.7	44.2	42.0

See footnotes at end of table.

TABLE 6A-2. Net Shipments of Selected Nonferrous Metal Rolled, Drawn, and Extruded Products: 1963 to 1967--Continued

(1,000 short tons)

Product	1967	1966	1965	1964	1963
Magnesium mill products[1]	24.5	22.5	16.0	13.4	12.6
Titanium mill products[1]	13.6	14.2	9.4	7.7	6.1
Sheet, plate and strip	2.6	2.8	2.2	1.8	1.2
Pipe and tubing	0.2	0.2	0.2	0.1	0.1
Forging and extrusion billet	7.8	8.3	5.0	4.2	3.6
Rod, bar, wire, and extrusions (other than tubing)	3.0	2.8	1.8	1.6	1.2

Note: Net shipments are derived by subtracting receipts of mill shapes at producing mills from shipments (including quantities used at producing mills in the production of fabricated products) by such mills.

[1]Source: These data are derived from the following Current Industrial Reports Series:

Metal	Series	Title
Copper	BDSAF-84	Copper-Base Mill and Foundry Products
Aluminum	M33-2	Aluminum Ingot and Mill Products
Magnesium	MA-33G	Magnesium Mill Products
Titanium	BDSAF-263	Titanium Ingot and Mill Products

[2]Data represent metal weight, except for wire products, which are reported in copper content.
[3]Military ammunition cups and discs are included on a net weight basis, i.e., excluding the weight of the webbing scrap generated in the cupping and discing operation.
[4]Excludes electrical wire.
[5]Represents uninsulated, bare wire, tinned and/or alloy coated.
[6]Data represents aluminum and aluminum alloy content.
[7]Includes a small amount of rolled structural shapes.
[8]Includes a small amount of heat-treatable welded tube.

TABLE 6A-3. Shipments of Insulated Wire and Cable: 1967

Product code	Product	Number of companies reporting total shipments of $100,000 or more	Total shipments, including interplant transfers			Shipments to other companies		Transfers to other plants of the same companies	
			Quantity (1,000 lbs.)		Value	Quantity (1,000 lbs. gross weight)	Value	Quantity (1,000 lbs. gross weight)	Value
			Gross weight	Copper content	($1,000)		($1,000)		($1,000)
33574 --	Communication wire and cable[1]	67	(X)	[2]575,961	862,476	(X)	841,757	(X)	20,719
	Coaxial cable (armored or nonarmored):								
33574 11	Rigid plus semiflexible	11	(X)	5,805	20,993	(X)	90,071	(X)	3,094
33574 12	Flexible	23	(X)	23,848	72,172				
33574 21	Electronic wire	16	(X)	13,528	33,600				
33574 22	Lead-in wire, including antenna wire:								
	Quantity reported	12	(X)	3,774	7,628	(X)	[3]	(X)	[3]
	Quantity not reported		(X)	(X)	1,990				
	Hook-up wire (single and multiconductor):								
33574 24	200°C and over temperature rating	17	(X)	4,626	49,901				
33574 26	Under 200°C temperature rating	26	(X)	20,692	59,889				
33574 27	Instrumentation wire and cable	11	(X)	5,088	12,297				
33574 41	Jumper and distributing frame wire, including bank, handformed, push-back	6	(X)	11,425	16,804				
33574 43	Station wire and cable	11	(X)	32,065	43,154	(X)	99,125	(X)	5,328
33574 52	Inside wiring cable								
33574 55	Drop and bridle and duct wire and cable	7	(X)	4,546	19,880				
33574 68	Rural and urban distribution wire and cable	9	(X)	6,033	12,313				
	Paper and pulp insulated and polyethylene insulated telephone cable and telegraph cable (excluding coaxial):								
33574 73	Lead-covered	5	(X)	7,243	13,464	(X)	[3]652,561	(X)	[3]12,297
33574 75									
33574 81	Polyethylene covered	14	(X)	380,269	401,909				
33574 85									
33574 71	Switchboard wire and cable	22	(X)	56,034	96,477				
33574 98	Other communication wire and cable								
33577 --	Magnet wire[1]	24	507,799	486,759	420,400	328,338	271,718	179,461	148,682
	Class A (105°C):								
	Round:								
33577 12	Plain enameled	12	24,643	23,238	28,224	13,741	17,337	10,902	10,887
33577 18	Vinyl acetal or vinyl acetal with nylon and acrylic	12	112,267	107,533	84,853	71,521	53,404	40,746	31,449
33577 27	Textile covered	13	6,486	6,190	7,819	30,992	32,773	13,237	13,421
33577 33	Solderable	14	37,743	36,544	38,375				
33577 35	Self-bonding	10	12,084	11,798	11,455	9,430	9,464	2,654	1,991
33577 38	Rectangular and square paper and/or cotton	8	18,301	17,184	12,900	(D)	(D)	(D)	(D)
33577 36	Square and rectangular film	6	23,240	21,567	15,800	(D)	(D)	(D)	(D)
	Class B (130°C) and class F (155°C):								
	Round:								
33577 42	Solderable	10	75,335	72,783	59,494	65,633	49,184	35,765	29,962
33577 44	Epoxy	4	14,904	14,636	10,813				
33577 46	Square and rectangular film	6	11,159	10,190	8,839				
	Class H (180°C):								
	Round:								
33577 51	Film	10	81,657	79,295	61,830	59,318	45,370	22,339	16,460
33577 53	Glass covered	5	6,007	5,735	5,816	15,276	12,391	4,085	3,463
	Square and rectangular:								
33577 55	Film	5	13,354	12,946	10,038				
33577 57	Glass covered	7	21,365	20,145	19,399	(D)	(D)	(D)	(D)
	Class 220°C and over:								
33577 62	Round film	9	9,394	9,054	10,922	(D)	(D)	(D)	(D)
33577 64	Square and rectangular	6	10,697	9,802	8,992	(D)	(D)	(D)	(D)
33577 66	Ceramic and fluorocarbon	3	89	82	497	89	497	-	-
33577 08	Insulated magnet strip conductor	7	29,074	28,037	24,334	(D)	(D)	-	-
33577 98	All other types of magnet wire					(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6A-3. Shipments of Insulated Wire and Cable: 1967—Continued

Product code	Product	Number of companies reporting total shipments of $100,000 or more	Total shipments, including interplant transfers: Quantity (1,000 lbs.) copper content	Total shipments, including interplant transfers: Value ($1,000)	Value of shipments to other companies ($1,000)	Value of transfers to other plants of the same companies ($1,000)
33578 --	Power wire and cable[1]	38	[2]268,265	407,390	396,412	10,978
	Under 601 volts:					
33578 11	Portable power cable	20	28,664	42,363		
	Underground distribution cable (URD):					
33578 12	Preassembled in duct:					
	Quantity reported	4	362	1,063		
	Quantity not reported		X	380		
33578 17	Not preassembled in duct:					
	Quantity reported	7	1,882	5,195		
	Quantity not reported		(X)	1,456		
33578 13	Varnished cloth insulated, including glass	6	924	2,278		
33578 16	Thermosetting insulated (including rubber and cross-linked polyethylene	22	77,719	114,322		
33578 15	Thermoplastic insulated	21	30,556	39,218		
33578 18	Asbestos and asbestos-varnished cloth	8	2,927	6,063		
	601 volts and higher:					
33578 31	Portable power cable	9	4,039	9,615	396,412	10,978
	Underground distribution cable (URD):					
33578 32	Preassembled in duct	7	10,983	17,818		
33578 37	Not preassembled in duct					
33578 33	Varnished cloth insulated, including glass	8	2,256	3,182		
	Paper insulated:					
33578 51	601 volts to 15 kv	7	29,564	39,048		
33578 53	15.1 kv. to 50 kv	6	10,548	15,396		
33578 55	Over 50 kv	4	13,110	19,042		
	Thermosetting insulated (including rubber and cross-linked polyethylene):					
33578 61	601 volts to 15 kv	14	35,765	59,968		
33578 63	15.1 kv. to 50 kv	6	4,651	7,915		
33578 65	Over 50 kv					
33578 38	Thermoplastic insulated	11	12,829	23,068		
33579 --	Other insulated or covered wire and cable[1]	63	[2]585,608	736,169	675,163	61,006
33579 11	Signal wire and cable	7	5,146	13,162		
	Control wire and cable:					
33579 13	Thermosetting insulated (including rubber and cross-linked polyethylene)	18	10,110	18,215		
33579 14	Thermosetting insulated	22	(S)	43,225	142,392	2,423
	Weatherproof and service drop cable:					
33579 31	Braided	5	4,996	4,612		
33579 34	Thermosetting covered (including neoprene and cross-linked polyethylene)	15	5,900	31,234		
33579 35	Thermoplastic insulated	12	11,627	34,367		

See footnotes at end of table.

TABLE 6A-3. Shipments of Insulated Wire and Cable: 1967--Continued

Product code	Product	Number of companies reporting total shipments of $100,000 or more	Total shipments including interplant transfers: Quantity (1,000 lbs.) copper content	Total shipments including interplant transfers: Value ($1,000)	Value of shipments to other companies ($1,000)	Value of transfers to other plants of the same companies ($1,000)
	Weatherproof and service drop cable--Continued					
	Building wire and cable having underwriters' labels:					
33579 39	Thermosetting insulated (including rubber and cross-linked polyethylene)	13	79,156	58,898		
33579 42	Metallic armored cable (all a.c. types)	8	10,573	13,988		
33559 43	Nonmetallic sheathed cable, type NM	15	94,062	99,824		
33579 44	Underground feeder cable (type NMC and UF)	15	16,101	20,966		
33579 46	Service entrance cable	18	10,266	23,941		
33579 48	Thermoplastic insulated	24	241,312	227,381		
33579 49	Other building wire and cable (except varnished cambric insulated):					
	Quantity reported	5	4,993	4,314		
	Quantity not reported		(X)	954		
	Automotive, airframe, shipboard, and ground support cable (excluding coaxial cable and ignition cable):				532,771	58,583
33579 71	Automotive	8	22,509	25,857		
33579 79	Airframe and missile	10	5,774	18,072		
33579 89	Shipboard cable (Navy and Merchant Marine):					
	Quantity reported	14	12,032	33,775		
	Quantity not reported		(X)	13,362		
33579 91	Missile ground support cable	9	1,980	7,138		
33579 98	Other insulated wire and cable	27	17,671	42,884		
33576 -- 36996 --	Appliance wire and cord and flexible cord sets[1] [4]	r65	[2]140,716	259,835	233,595	26,240
	Flexible cord sets, including heater cord sets:					
33576 11 36996 11	Cotton braid sets	3	([5])	([5])	([5])	([5])
33576 13 36996 13	Thermosetting insulated (including rubber and cross-linked polyethylene)	22	13,456	40,470	113,338	12,605
33576 15 36996 15	Thermoplastic insulated	38	43,430	85,473		
	Appliance wire and cord:					
33576 21	Fixture wire (include heat resistant)	20	16,898	25,662		
	Flexible cord (include heater cord):					
33576 22 36996 22	Thermosetting insulated (including rubber and cross-linked polyethylene)	13	14,988	30,115	[5]120,257	[5]13,635
33576 25 36996 25	Thermoplastic insulated	32	34,957	50,176		
33576 29 36996 29	Other appliance wire and cord	22	[5]16,987	[5]27,939		

Source - Current Industrial Reports Series MA-33L Insulated Wire and Cable.

(D) Withheld to avoid disclosing figures of individual companies. (S) Suppressed - Did not meet publication standards. (X) Not applicable. - Represents zero.

[1]The aluminum content of insulated wire and cable for 1967 was as follows:

Product class code	Item	Aluminum content (1,000 lbs.)
33574	Communication wire and cable	5,104
33577	Magnet wire	8,943
33578	Power wire and cable	47,857
33579	Other insulated or covered wire and cable	110,337
33576 36996	Appliance wire and cord and flexible cord sets	(D)

[2]Include estimates for quantities not reported and for some products for which quantity figures are suppressed.

[3]Electronic, lead-in and hook-up wire are included with paper and pulp, polyethylene insulated, switchboard, and other communication wire and cable to avoid disclosing operations of individual companies.

[4]Data are limited to shipments by all shown establishments which insulate wire or cable and establishments operated by the 50 largest producers of appliance wire and cord and flexible cord sets from purchased insulated wire (as measured by dollar value of shipments in 1963). However, the undercoverage of such wire and cord sets is probably less than 3 percent at the product class level.

[5]Cotton braided flexible cord sets, including heater cord sets are included with "other appliance wire and cord" to avoid disclosing operations of individual companies.

TABLE 6A-4. Shipments of Insulated Wire and Cable: 1963

Product code	Product	Total shipments, including interplant transfers	
		Quantity	Value ($1,000)
33574 --	Communication wire and cable	(X)	[1]581,761
	Metal content of the conductor in communication wire and cable reported by detail type below:[2]	(1,000 lbs.)	
33574 01	Copper	395,993	(X)
33574 05	Aluminum	3,384	(X)
	Coaxial cable (armored and nonarmored):		
33574 11	Rigid plus semiflexible	(X)	32,086
33574 12	Flexible	(X)	46,791
33574 22	Lead-in wire	(X)	9,310
	Hook-up wire (single and multiconductor):		
33574 24	200°C and over temperature rating	(X)	24,353
33574 26	Under 200°C temperature rating	(X)	15,187
33574 41	Jumper and distributing frame wire, including bank, handformed, pushback	(X)	5,874
33574 52	Inside wiring cable	(X)	14,778
33574 55	Drop and bridle and duct wire and cable	(X)	12,605
33574 71	Switchboard wire and cable	(X)	42,831
	Lead-covered telephone cable, except coaxial:		
33574 73	Paper and pulp insulated	(X)	11,035
33575 75	Polyethylene insulated		
	Polyethylene covered telephone cable and telegraph cable excluding coaxial:		
33574 81	Paper and pulp insulated	(X)	244,576
33574 85	Polyethylene insulated		
33574 27	Instrumentation wire and cable	(X)	18,295
33574 68	Rural and urban distribution wire and cable	(X)	19,841
33574 43	Station wire and cable	(X)	81,529
33574 98	Other communication wire and cable		
33574 00	Communication wire and cable, n.s.k	(X)	2,670
33577 --	Magnet wire	(X)	[1]258,308
	Metal content of magnet wire reported by detail type below:[2]		
33577 01	Copper	383,449	(X)
33577 05	Aluminum	(D)	(X)
		(1,000 lbs. gross weight)	
33577 11	Round enameled, under 180°C	113,743	67,642
33577 13	Round enameled, 180°C and over, including aromatic polymide but excluding fluorocarbon and ceramic	20,295	12,730
33577 15	Round textile covered-bare and enameled, including synthetic	8,186	7,739
33577 17	Round asbestos or glass insulated-bare and enameled, including synthetic	2,119	2,508
33577 18	Round class A 105C (vinyl acetal, vinyl acetal with nylon and acrylic)	98,241	58,187
33577 31	Round classes B and F, 130-155C (polyester, epoxy, and acrylic)	42,125	24,499
33577 33	Round solderable class A 105C (nylon polyurethane and cellulose acetate)	51,526	34,320
33577 35	Round self-bonding class A 105C (vinyl acetal plus a bonding thermoplastic)	12,234	8,761
33577 37	Rectangular and square film coated with or without covering	34,732	18,641
33577 38	Rectangular and square paper and/or cotton, no film	17,812	8,868
33577 41	Rectangular and square glass, dacron glass, or asbestos, no film	10,040	6,570
33577 43	Ceramic and fluorocarbon magnet wire	44	488
33577 98	Other magnet wire	(X)	7,355
33577 00	Magnet wire, n.s.k		

See footnotes at end of table.

TABLE 6A-4. Shipments of Insulated Wire and Cable: 1963--Continued

Product code	Product	Total shipments including interplant transfers	
		Quantity	Value ($1,000)
		(1,000 lbs.)	
33578 --	Power wire and cable	(X)	[1]218,810
	Metal content of power wire and cable reported by detailed type below:[2]		
33578 01	Copper	179,452	(X)
33578 05	Aluminum	(D)	(X)
	Under 601 volts:		
33578 11	Portable power cable	(X)	28,417
33578 13	Varnished cloth insulated, including glass	(X)	2,169
33578 15	Thermoplastic	(X)	18,123
33578 17	Rubber	(X)	46,558
33578 18	Asbestos and asbestos-varnished cloth	(X)	7,643
33578 14	Thermosetting insulated	(X)	10,591
33578 19	Other, including machine tool wire	(X)	5,668
	601 volts and higher:		
33578 31	Portable power cable	(X)	5,958
33578 33	Varnished cloth insulated, including glass	(X)	3,120
33578 35	Paper insulated	(X)	48,621
33578 37	Rubber	(X)	22,357
33578 38	Thermoplastic	(X)	9,129
33578 36	Thermosetting insulated	(X)	7,096
33578 39	Other power wire and cable, 601 volts and higher	(X)	1,458
33578 00	Power wire and cable, n.s.k	(X)	1,902
33579 --	Other insulated wire and cable	(X)	[1]454,071
	Metal content of other insulated wire and cable reported by detail type below:[2]		
33579 01	Copper	422,280	(X)
33579 05	Aluminum	64,324	(X)
33579 08	Service cable, including self supports but excluding service entrance and service drop cable	(X)	8,660
33579 11	Signal wire and cable	(X)	10,290
33579 15	Control wire and cable	(X)	23,476
	Weather-proof and service drop cable:		
33579 31	Braided	(X)	9,750
33579 37	Polychloroprene (neoprene)	(X)	11,516
33579 38	Thermoplastic	(X)	13,961
33579 39	Service drop	(X)	21,269
	Building wire and cable having underwriters' labels (except varnished cambric insulated and service cable):		
33579 41	Rubber insulated	(X)	50,767
33579 42	Metallic armored cable	(X)	16,468
33579 43	Nonmetallic sheathed cable	(X)	81,675
33579 46	Service entrance cable	(X)	19,952
33579 48	Thermoplastic	(X)	97,582
33579 49	Other building wire and cable (except varnished cambric insulated)	(X)	5,209
	Automotive, airframe, shipboard, and ground support cable, excluding coaxial cable:		
33579 89	Shipboard cable (Navy and Merchant Marine)	(X)	17,534
33579 71	Automotive	(X)	15,826
33579 74	Airframe and missile	(X)	11,195
33579 91	Missile ground support cable	(X)	9,567
33579 98	Other insulated wire and cable	(X)	26,590
33579 00	Other insulated wire and cable, n.s.k	(X)	2,784
33576 -- / 36996 --	Appliance wire and cord and flexible cord sets	(X)	167,664
33576 --	Made in nonferrous wiredrawing, etc., (industry 3357)	(X)	101,667
	Made in electric products, n.e.c., (industry 3699) and other industries	(X)	65,997
	Flexible cord sets (including heater cord):		
33576 13 / 36996 13	Rubber insulated	(X)	25,794
33576 13	Made in nonferrous wiredrawing, etc., (industry 3357)	(X)	11,221
36996 13	Made in electric products, n.e.c., (industry 3699) and other industries	(X)	14,573
33576 15 / 36996 15	Thermoplastic insulated	(X)	39,957
33576 15	Made in nonferrous wiredrawing, etc., (industry 3357)	(X)	19,027
36996 15	Made in electric products, n.e.c., (industry 3699) and other industries	(X)	20,930

See footnotes at end of table.

TABLE 6A-4. Shipments of Insulated Wire and Cable: 1963--Continued

Product code	Product	Total shipments, including interplant transfers	
		Quantity	Value ($1,000)
	Appliance wire and cord and flexible cord sets--Continued		
	Appliance wire and cord:	(1,000 lbs.)	
33576 21 36996 21	Fixture wire (including heat resistant)	(X)	18,153
33576 21	Made in nonferrous wiredrawing, etc., (industry 3357)	(X)	15,270
36996 21	Made in electric products, n.e.c., (industry 3699) and other industries	(X)	2,883
	Flexible cord (including heater cord):		
33576 22 36996 22	Rubber insulated	(X)	22,766
33576 22	Made in nonferrous wiredrawing, etc., (industry 3357)	(X)	20,793
36996 22	Made in electric products, n.e.c., (industry 3699) and other industries	(X)	1,973
33576 25 36996 25	Thermoplastic insulated	(X)	26,862
33576 25	Made in nonferrous wiredrawing, etc., (industry 3357)	(X)	22,187
36996 25	Made in electric products, n.e.c., (industry 3699) and other industries	(X)	4,675
33576 29 36996 29	Other appliance wire and cord	(X)	24,276
33576 29	Made in nonferrous wiredrawing, etc., (industry 3357)	(X)	7,713
36996 29	Made in electric products, n.e.c., (industry 3699) and other industries	(X)	16,563
33576 00 36996 00	Appliance wire and cord and flexible cord sets, n.s.k	(X)	9,856
33576 00	Made in nonferrous wiredrawing, etc., (industry 3357)	(X)	5,459
36996 00	Made in electric products, n.e.c., (industry 3699) and other industries	(X)	4,397

Source: 1963 Census of Manufactures.

(X) Not applicable.

[1]Of these totals, the following represents the value of shipments of insulated wire and cable transferred from one plant of a company to another plant of the same company.

Product class code	Thousand dollars
33574	17,831
33577	67,146
33578	5,458
33579	12,185

[2]Based on a comparison with related data published in Current Industrial Reports Series BDSAF-84, Copper-Base Mill and Foundry Products, and M33-2, Aluminum Ingot and Mill Products, and a careful review of 1965 data reported on Survey Form MA33L, Insulated Wire and Cable, it appears likely that the metal content data for 1963 is understated by approximately 10 percent for copper and 15 to 20 percent for aluminum.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
COPPER, COPPER-BASE ALLOY WIRE, NOT ELECTRICAL (33511)		
United States	95.6	73.2
Northeast Region	73.6	61.5
New England Div	37.9	39.0
Massachusetts	BB	(1)
Rhode Island	AA	(1)
Connecticut	32.6	32.3
Middle Atlantic Div	35.7	22.5
New Jersey	30.8	18.6
Pennsylvania	BB	1.8
North Central Region	EE	(D)
East North Central Div	EE	(D)
Indiana	CC	(1)
Illinois	CC	(1)
Michigan	AA	2.2
Wisconsin	AA	(1)
South Region	CC	(D)
East South Central Div	CC	(D)
Mississippi	CC	(D)
ROLLED, DRAWN, EXTRUDED COPPER AND ALLOY MILL PRODUCTS (33512)		
United States	2,105.1	1,471.4
Northeast Region	1,090.6	777.9
New England Div	473.9	344.0
Massachusetts	FF	(1)
Rhode Island	EE	(1)
Connecticut	431.3	311.7
Middle Atlantic Div	616.7	433.9
New York	217.9	172.0
New Jersey	231.4	152.5
Pennsylvania	167.4	109.4
North Central Region	825.6	571.1
East North Central Div	GG	(D)
Ohio	114.8	(1)
Indiana	191.4	139.2
Illinois	259.1	135.8
Michigan	205.4	146.1
Wisconsin	FF	(1)
West North Central Div	CC	(D)
Missouri	CC	(1)
South Region	84.0	(D)
South Atlantic Div	FF	(D)
Maryland	EE	(1)
Virginia	CC	(D)
West Virginia	AA	(D)
Georgia	CC	(D)
East South Central Div	FF	(D)
Alabama	FF	(1)
West South Central Div	EE	(D)
Arkansas	EE	(D)
ROLLED, DRAWN, EXTRUDED COPPER AND ALLOY MILL PRODUCTS (33512)--Con.		
West Region	104.9	(D)
Mountain Div	FF	(D)
Montana	FF	(1)
Pacific Div	GG	(D)
California	GG	42.0
ALUMINUM AND ALUMINUM-BASE ALLOY WIRE (INCLUDING A.C.S.R.) (33521 and 33571)		
United States	251.9	127.9
Northeast Region	62.3	42.6
New England Div	2.4	3.7
Rhode Island	AA	(1)
Middle Atlantic Div	59.9	38.9
New York	FF	(1)
New Jersey	5.1	(1)
Pennsylvania	EE	(1)
North Central Region	59.3	33.2
East North Central Div	GG	(D)
Ohio	FF	(1)
Illinois	20.8	(1)
Michigan	CC	(1)
West North Central Div	AA	(D)
Iowa	AA	(1)
South Region	76.5	28.7
South Atlantic Div	25.1	(D)
South Carolina	CC	(1)
Georgia	EE	(1)
East South Central Div	51.4	(D)
Tennessee	EE	(1)
Alabama	FF	(1)
West Region	53.9	23.4
Mountain Div	CC	(D)
Montana	CC	(1)
Pacific Div	FF	(D)
Washington	FF	(1)
California	EE	(1)
ALUMINUM PLATE AND SHEET, INCLUDING FOIL STOCK (33522)		
United States	1,249.4	850.5
Northeast Region	131.5	52.3
New England Div	EE	11.0
Connecticut	EE	(1)
Middle Atlantic Div	GG	41.3
New York	GG	(D)
Pennsylvania	FF	(1)
North Central Region	516.1	378.5
East North Central Div	GG	(D)
Ohio	GG	(1)
Indiana	GG	(1)
Illinois	GG	134.9
Wisconsin	EE	(1)
ALUMINUM PLATE AND SHEET, INCLUDING FOIL STOCK (33522)--Con.		
North Central Region--Con.		
West North Central Div	GG	(D)
Iowa	GG	(1)
South Region	473.1	(D)
South Atlantic Div	125.3	(D)
Maryland	EE	(1)
Virginia	BB	(1)
West Virginia	GG	(1)
North Carolina	CC	(1)
East South Central Div	347.8	(D)
Kentucky	FF	(1)
Tennessee	GG	(1)
Alabama	GG	(1)
West Region	128.7	(D)
Pacific Div	128.7	(D)
Washington	GG	(1)
California	FF	(1)
EXTRUDED ALUMINUM ROD, BAR, AND OTHER SHAPES (33525)		
United States	565.7	397.3
Northeast Region	78.7	89.3
New England Div	8.3	8.5
Massachusetts	CC	6.3
Connecticut	AA	(1)
Middle Atlantic Div	70.4	80.8
New York	EE	18.1
New Jersey	EE	12.2
Pennsylvania	45.4	50.5
North Central Region	211.2	142.2
East North Central Div	201.3	138.4
Ohio	39.4	35.9
Indiana	47.7	37.5
Illinois	45.3	27.1
Michigan	68.9	37.9
West North Central Div	9.9	3.8
Minnesota	AA	(D)
Iowa	AA	(D)
Missouri	BB	(1)
Kansas	AA	(D)
South Region	141.1	81.5
South Atlantic Div	72.7	42.5
Maryland	FF	(1)
Virginia	EE	(1)
West Virginia	BB	(1)
North Carolina	BB	(1)
South Carolina	AA	(1)
Georgia	12.4	(1)
Florida	18.4	(1)
East South Central Div	22.8	16.9
Kentucky	CC	(1)
Alabama	CC	(1)
Mississippi	CC	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments 1967	Value of shipments 1963
EXTRUDED ALUMINUM ROD, BAR, AND OTHER SHAPES (33525)--Con.		
South Region--Con.		
West South Central Div.	45.6	22.1
Arkansas	EE	(1)
Texas	FF	(1)
West Region	134.7	84.3
Mountain Div.	FF	(D)
Arizona	FF	(1)
Pacific Div.	GG	(D)
Washington	CC	(1)
California	GG	(1)
ALUMINUM TUBE, OTHER ROLLED, DRAWN, EXTRUDED PRODUCTS (33526)		
United States	172.2	139.2
Northeast Region	32.8	37.0
New England Div.	5.5	3.7
New Hampshire	AA	(D)
Massachusetts	AA	(D)
Rhode Island	BB	(1)
Middle Atlantic Div.	27.2	33.3
New York	EE	(1)
New Jersey	BB	(1)
Pennsylvania	CC	(1)
North Central Region	57.3	46.3
East North Central Div.	50.1	(D)
Indiana	FF	(1)
Illinois	CC	5.3
Michigan	8.9	12.6
West North Central Div.	7.3	(D)
Missouri	BB	(1)
Nebraska	BB	(D)
Kansas	AA	(D)
South Region	47.0	28.3
South Atlantic Div.	31.3	(D)
Maryland	EE	(1)
Virginia	EE	(1)
North Carolina	AA	(D)
Georgia	BB	(D)
East South Central Div.	12.2	(D)
Kentucky	AA	(D)
Tennessee	BB	(1)
Alabama	CC	(1)
West South Central Div.	3.6	(D)
Texas	3.6	(1)
West Region	35.0	27.6
Mountain Div.	EE	(D)
Arizona	EE	(1)
Pacific Div.	FF	(D)
Washington	BB	(1)
California	EE	(1)
ROLLED, DRAWN AND EXTRUDED NONFERROUS METAL MILL PRODUCTS (33560 and 33573)		
United States	1,012.0	630.5
Northeast Region	452.9	285.0
New England Div.	176.1	96.7
Maine	BB	(1)
New Hampshire	AA	(1)
Vermont	-	(1)
Massachusetts	55.2	27.3
Rhode Island	FF	(1)
Connecticut	GG	49.6
ROLLED, DRAWN AND EXTRUDED NONFERROUS METAL MILL PRODUCTS (33560 AND 33573)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	276.8	188.3
New York	100.3	63.7
New Jersey	101.7	66.9
Pennsylvania	74.8	57.6
North Central Region	265.3	185.5
East North Central Div.	GG	(D)
Ohio	124.6	72.0
Indiana	FF	(1)
Illinois	62.3	54.4
Michigan	31.6	(1)
West North Central	BB	(D)
Missouri	BB	(D)
South Region	184.7	117.0
South Atlantic Div.	GG	(D)
West Virginia	GG	(1)
North Carolina	EE	(1)
Georgia	BB	(1)
Florida	BB	(1)
East South Central Div.	EE	(D)
Alabama	CC	(1)
Mississippi	BB	(1)
West South Central Div.	21.1	(D)
Oklahoma	BB	(1)
Texas	EE	(1)
West Region	109.2	43.0
Mountain Div.	GG	(D)
Nevada	GG	(1)
Pacific Div.	GG	(D)
Washington	BB	(D)
Oregon	EE	(D)
California	FF	(1)
COPPER, COPPER-BASE ALLOY WIRE FOR ELECTRICAL TRANSMISSION (33572)		
United States	372.8	245.0
Northeast Region	206.6	137.7
New England Div.	23.8	25.0
Vermont	AA	(1)
Massachusetts	EE	(1)
Rhode Island	CC	(1)
Connecticut	4.2	9.2
Middle Atlantic Div.	182.8	112.7
New York	GG	(1)
New Jersey	99.6	61.2
North Central Region	139.3	88.8
East North Central Div.	GG	(D)
Indiana	GG	(1)
Illinois	FF	10.1
West North Central Div.	FF	(D)
Missouri	FF	(1)
South Region	EE	6.6
South Atlantic Div.	EE	(D)
North Carolina	AA	(1)
Georgia	EE	(1)
West Region	EE	11.9
Pacific Div.	EE	(D)
California	EE	(1)
COMMUNICATION WIRE AND CABLE (33574)		
United States	909.1	581.8
Northeast Region	352.3	228.7
New England Div.	187.2	77.6
New Hampshire	EE	(1)
Vermont	CC	(1)
Massachusetts	60.3	29.4
Rhode Island	35.5	13.8
Connecticut	65.2	23.1
Middle Atlantic Div.	165.1	151.1
New York	GG	77.5
New Jersey	93.3	61.4
Pennsylvania	AA	12.2
North Central Region	271.5	162.4
East North Central Div.	GG	(D)
Indiana	FF	(1)
Illinois	132.5	86.6
Michigan	EE	(1)
West North Central Div.	GG	(D)
Missouri	CC	(1)
Nebraska	GG	(1)
South Region	247.1	(D)
South Atlantic Div.	202.7	(D)
Delaware	BB	
Maryland	GG	(1)
North Carolina	38.4	(1)
Georgia	FF	
Florida	EE	(1)
West South Central Div.	FF	(D)
Arkansas	BB	
Texas	39.2	(1)
West Region	38.2	(D)
Pacific Div.	38.2	(D)
California	38.2	(1)
NONFERROUS WIRE CLOTH AND OTHER WOVEN WIRE PRODUCTS (33575 and 34815)		
United States	90.1	70.5
Northeast Region	38.1	33.3
New England Div.	7.5	7.6
Massachusetts	BB	4.6
Connecticut	BB	(1)
Middle Atlantic Div.	30.7	25.7
New York	2.9	(1)
New Jersey	8.2	12.0
Pennsylvania	19.6	(1)
North Central Region	27.7	(D)
East North Central Div.	FF	13.3
Ohio	EE	(1)
Illinois	BB	(D)
Wisconsin	EE	(1)
South Region	23.3	(D)
South Atlantic Div.	13.3	11.7
Georgia	8.0	(1)
Florida	BB	6.5
East South Central Div.	CC	6.9
Alabama	CC	(1)
Mississippi	BB	(1)

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
APPLIANCE WIRE, CORD, ETC., IN INSULATING ESTABLISHMENTS (33576)		
United States	282.0	167.7
Northeast Region	156.7	104.8
New England Div	123.9	73.9
Vermont	CC	(D)
Massachusetts	28.5	26.3
Rhode Island	68.9	29.1
Connecticut	FF	(1)
Middle Atlantic Div	32.8	30.9
New York	17.9	20.7
New Jersey	4.6	4.8
Pennsylvania	10.3	5.3
North Central Region	93.7	55.1
East North Central Div	GG	51.4
Ohio	EE	(1)
Indiana	33.3	17.8
Illinois	21.1	12.7
Michigan	17.7	11.0
South Region	12.4	1.3
South Atlantic Div	CC	(D)
North Carolina	BB	(D)
South Carolina	AA	(D)
East South Central Div	BB	(D)
Kentucky	BB	(D)
West South Central Div	AA	(D)
Texas	AA	(D)
West Region	19.2	6.5
Pacific Div	19.2	6.5
California	19.2	6.5
MAGNET WIRE (33577)		
United States	449.6	258.3
Northeast Region	83.5	54.2
New England Div	14.2	20.1
Massachusetts	BB	(1)
Connecticut	10.0	9.8
Middle Atlantic Div	69.3	34.1
New York	GG	(1)
North Central Region	340.2	(D)
East North Central Div	GG	(D)
Ohio	EE	(1)
Indiana	194.2	112.3
Illinois	71.4	36.5
Michigan	FF	(1)
Wisconsin	AA	(1)
West North Central Div	FF	(D)
Missouri	FF	(1)
South Region	FF	-
South Atlantic Div	CC	-
North Carolina	CC	-
East South Central Div	EE	-
Kentucky	EE	-
West Region	BB	(D)
Pacific Div	BB	(D)
California	BB	(1)
POWER WIRE AND CABLE (33578)		
United States	424.0	218.8
Northeast Region	348.7	182.8
New England Div	127.1	87.7
New Hampshire	CC	1.9
Vermont	AA	-
Massachusetts	FF	31.8
Rhode Island	43.6	28.3
Connecticut	50.8	25.7
Middle Atlantic Div	221.6	95.1
New York	GG	(1)
New Jersey	115.5	56.5
Pennsylvania	EE	(1)
North Central Region	FF	23.2
East North Central Div	FF	(D)
Ohio	BB	(1)
Indiana	FF	(1)
Illinois	3.4	(1)
West North Central Div	EE	(D)
Missouri	BB	(1)
Kansas	CC	(1)
South Region	EE	(D)
South Atlantic Div	CC	(D)
Maryland	CC	(1)
South Carolina	BB	(1)
West South Central Div	AA	(D)
Texas	AA	(D)
West Region	17.8	(D)
Pacific Div	17.8	(D)
California	17.8	(1)
OTHER INSULATED WIRE AND CABLE, N.E.C. (33579)		
United States	745.9	454.1
Northeast Region	466.5	280.3
New England Div	189.5	98.0
New Hampshire	AA	(1)
Vermont	BB	(1)
Massachusetts	FF	(1)
Rhode Island	92.6	49.2
Connecticut	56.8	26.3
Middle Atlantic Div	277.0	182.3
New York	131.9	96.8
New Jersey	108.6	70.6
Pennsylvania	36.5	14.9
North Central Region	159.6	108.5
East North Central Div	GG	103.4
Ohio	FF	(1)
Indiana	GG	(1)
Illinois	29.6	23.2
Michigan	45.6	15.7
West North Central Div	CC	5.1
Missouri	CC	(1)
South Region	65.7	42.1
South Atlantic Div	FF	(D)
Maryland	EE	(1)
Georgia	FF	(1)
East South Central Div	EE	(D)
Tennessee	EE	(1)
West South Central Div	EE	(D)
Texas	EE	(1)
OTHER INSULATED WIRE AND CABLE, N.E.C. (33579)--Con.		
West Region	54.1	23.2
Pacific Div	54.1	23.2
Washington	BB	(1)
California	GG	(1)
ALUMINUM AND ALUMINUM-BASE ALLOY CASTINGS (33610)		
United States	885.4	607.0
Northeast Region	191.3	132.3
New England Div	35.6	25.0
New Hampshire	3.8	(1)
Massachusetts	12.1	7.1
Rhode Island	1.2	(1)
Connecticut	18.2	15.1
Middle Atlantic Div	155.7	107.3
New York	70.3	57.8
New Jersey	32.5	20.8
Pennsylvania	52.9	28.7
North Central Region	527.6	345.7
East North Central Div	467.5	312.5
Ohio	185.6	134.6
Indiana	88.5	51.5
Illinois	90.0	49.1
Michigan	55.3	43.2
Wisconsin	48.1	34.1
West North Central Div	60.1	33.2
Minnesota	30.0	10.5
Iowa	8.1	5.0
Missouri	18.6	14.8
Nebraska	AA	(1)
Kansas	AA	(1)
South Region	71.5	70.1
South Atlantic Div	11.7	7.4
Maryland	1.6	1.1
North Carolina	1.4	(1)
South Carolina	2.3	(1)
Georgia	3.3	2.1
Florida	2.4	1.7
East South Central Div	39.1	40.1
Kentucky	CC	(1)
Tennessee	2.4	1.4
Alabama	FF	(1)
West South Central Div	20.7	22.6
Arkansas	7.6	14.5
Oklahoma	AA	1.4
Texas	11.3	6.2
West Region	94.9	58.9
Mountain Div	4.3	4.3
Colorado	1.6	3.5
Arizona	1.9	(1)
Pacific Div	90.6	54.6
Washington	3.1	1.6
Oregon	7.3	2.7
California	80.2	50.3
COPPER AND COPPER-BASE ALLOY CASTINGS (33620)		
United States	432.3	299.8
Northeast Region	161.0	115.6
New England Div	34.7	29.3
New Hampshire	2.2	2.4
Massachusetts	11.5	13.8
Rhode Island	2.9	1.4
Connecticut	17.4	11.4

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
COPPER AND COPPER-BASE ALLOY CASTINGS (33620)--Con.		
Northeast Region--Con.		
Middle Atlantic Div.	126.3	86.3
New York	27.0	23.1
New Jersey	15.3	11.0
Pennsylvania	84.0	52.2
North Central Region	201.3	134.3
East North Central Div.	175.0	114.7
Ohio	48.4	37.0
Indiana	13.6	7.5
Illinois	38.8	25.8
Michigan	30.1	24.8
Wisconsin	44.1	19.6
West North Central Div.	26.3	19.6
Minnesota	2.9	2.1
Iowa	1.8	1.2
Missouri	11.3	7.7
Nebraska	9.6	7.5
South Region	33.9	24.0
South Atlantic Div.	7.3	4.6
Maryland	1.0	(1)
Virginia	1.5	(1)
West Virginia	2.9	1.5
East South Central	5.8	3.0
Tennessee	3.4	(1)
Alabama	2.1	2.2
West South Central Div.	20.8	16.4
Arkansas	9.0	(1)
Oklahoma	AA	(1)
Texas	9.1	5.2
West Region	36.1	25.9
Mountain Div.	1.6	1.6
Colorado	1.1	1.2
Pacific Div.	34.5	24.3
Washington	1.4	(1)
Oregon	3.1	1.8
California	30.0	21.1

Product class and geographic area	Value of shipments
	1967
ZINC AND ZINC-BASE ALLOY CASTING (33691)	
United States	323.3
Northeast Region	45.5
New England Div.	10.7
Rhode Island	1.2
Connecticut	8.7
Middle Atlantic Div.	34.8
New York	16.2
New Jersey	6.0
Pennsylvania	12.7
North Central Region	255.5
East North Central Div.	236.7
Ohio	52.4
Indiana	EE
Illinois	50.4
Michigan	108.7
Wisconsin	CC
West North Central Div.	18.8
Minnesota	5.9
Iowa	BB
Missouri	7.0
Kansas	BB
South Region	7.1
East South Central Div.	3.0
Kentucky	AA
West South Central Div.	BB
Arkansas	BB
Texas	AA
West Region	15.2
Pacific Div.	EE
California	13.6

Product class and geographic area	Value of shipments
	1967
NONFERROUS CASTINGS, N.E.C. (33699)	
United States	178.5
Northeast Region	47.1
New England	4.8
New Hampshire	AA
Massachusetts	2.8
Middle Atlantic Div.	42.3
New York	CC
New Jersey	29.0
Pennsylvania	BB
North Central Region	99.6
East North Central Div.	93.0
Ohio	42.6
Indiana	FF
Illinois	11.7
Michigan	17.3
Wisconsin	AA
West North Central Div.	6.6
Iowa	BB
Kansas	AA
South Region	15.2
East South Central Div.	3.6
Tennessee	AA
West South Central Div.	EE
Oklahoma	BB
Texas	6.5
West Region	16.6
Pacific Div.	EE
California	15.5

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated.

[1]This State or division was not shown as a separate line in table 6D in the 1963 report for this industry. A footnote to the 1963 table 6D showed those States with $1 million or more reported shipments.

TABLE 6C. Product Classes– Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
3351-	Rolled and drawn copper	2,216.8	2,655.1	2,122.3	1,760.9	1,544.5	1,034.4	1,186.5	(NA)
33511	Copper and copper-base alloy wire, bare and tinned for purposes other than electrical transmission	95.6	142.6	101.2	80.8	73.2	47.8	63.0	(NA)
33512	Rolled, drawn and extruded copper and copper base alloy mill products	2,105.1	2,512.6	2,021.0	1,680.1	1,471.4	986.6	1,123.5	(NA)
33510	Rolled and drawn copper, n.s.k.	16.1	-	-	-	-	-	-	(NA)
3352-	Rolled and drawn aluminum	2,812.4	2,828.4	2,378.0	2,017.8	1,898.9	[2]1,472.3	(NA)	(NA)
33521	Alum., alum.-base alloy wire (rolling mills)	75.0	74.3	62.6	58.2	127.9	100.9	79.0	(NA)
33571	Alum., alum.-base alloy wire (wiredrawing plants)	176.9	138.2	141.9	79.6				
33522	Aluminum plate and sheet (including foil stock)	1,249.4	1,221.1	1,047.0	890.3	850.5	646.1	420.3	293.4
33523	Plain aluminum foil	184.6	193.6	159.8	133.0	129.4	[2]140.5	69.9	(NA)
33524	Rolled aluminum rod, bar, (including continuous cast) and structural shapes	257.6	282.5	213.6	162.9	145.2	110.5	89.7	(NA)
33525	Extruded aluminum rod, bar, and other extruded shapes	565.7	591.3	456.7	402.6	397.3	272.1	173.4	(NA)
33526	Aluminum tube and other rolled, drawn or extruded mill products	172.2	195.2	163.7	148.3	139.2	89.6	77.1	(NA)
33527	Aluminum ingot, produced in aluminum rolling mills.	55.4	73.2	76.7	54.7	49.0	(NA)	(NA)	(NA)
33528	Aluminum extrusion billet, produced in aluminum rolling mills	30.8	55.3	54.7	61.8	48.7	(NA)	(NA)	(NA)
33520	Rolled and drawn aluminum, n.s.k.	44.8	(3.7)	(1.3)	(26.4)	11.7	(NA)	(NA)	(NA)
33560 33573	Rolled and drawn, nonferrous metals, n.e.c.	1,012.0	903.5	717.2	643.3	630.5	428.2	355.6	130.6
3357-	Nonferrous wiredrawing and insulating products	3,650.9	(NA)	(NA)	(NA)	2,185.0	1,635.0	(NA)	(NA)
33521	Alum., alum.-base alloy wire (rolling mills)	75.0	74.3	62.6	58.2	127.9	100.9	79.0	(NA)
33571	Alum., alum.-base alloy wire (wiredrawing plants)	176.9	138.2	141.9	79.6				
33572	Copper and copper-base alloy wire (including strand and cable) bare and tinned, for electrical transmission	372.8	453.8	355.6	286.1	245.0	156.5	167.2	(NA)
33573	Other bare nonferrous metal wire (wiredrawers)	40.5	46.6	36.7	27.7	45.6	[2]92.3	(NA)	(NA)
33560pt	Rolled and drawn nonferrous metals, n.e.c.	34.6	(NA)	(NA)	(NA)				
33574	Communication wire and cable	909.1	947.9	754.7	608.6	581.8	365.4	248.4	186.9
33575	Nonfer. wire cloth, other woven wire (wiredrawers).	36.2	37.0	30.2	25.4	70.5	([3])	(NA)	(NA)
34815	Wire cloth, other nonferrous woven wire products	53.9	58.3	55.7	48.4				
33576	Appliance wire, cord, etc., in insulating estabs.	184.2	169.5	130.8	110.3	167.7	127.1	108.6	(NA)
36996	Appliance wire, cord, sets (purch. materials)	97.8	118.4	92.5	75.0				
33577	Magnet wire	449.6	458.5	380.8	304.7	258.3	183.4	174.1	(NA)
33578	Power wire and cable	424.0	408.1	308.1	269.2	218.8	194.8	172.7	(NA)
33579	Other insulated wire and cable, n.e.c.	745.9	823.2	646.8	526.3	454.1	404.5	431.6	(NA)
33570	Nonferrous wiredrawing and insulating products, n.s.k.	50.4	9.9	11.9	(13.1)	15.4	10.2		(NA)
33610	Aluminum and aluminum-base alloy castings	885.4	917.6	745.4	654.8	607.0	399.6		
33620	Copper and copper-base alloy castings	432.3	464.3	383.3	335.9	299.8	222.8		
3369-	Nonferrous castings, n.e.c.	551.3	467.8	412.6	339.2	306.5	233.2	843.1	573.3
33691	Zinc and zinc base alloy castings	323.3							
33699	Nonferrous castings, n.e.c.	178.5	467.8	412.6	339.2	306.4	223.2		
33690	Nonferrous castings, n.e.c., n.s.k.	49.5							

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

[2]Includes shipments of laminated foil produced in foil mills. In 1958, these shipments were valued at $36,787 thousand. In 1963 and later years, this product is included in product class 34970.

[3]Product class code 33573 includes value for product class code 33575.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3351.--COPPER ROLLING AND DRAWING[1]				
	Materials, containers, and supplies, total	(X)	1,587.0	(X)	1,120.6
	Nonferrous metals and alloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed	71.5	35.4	31.5	13.4
333405	Aluminum-base alloys			18.5	8.6
333121	Copper, unalloyed (cathodes, ingot(cakes, slabs, etc.)	801.8	673.8	839.0	527.6
333113	Copper-base alloy raw materials (ingot billets, shot, waffle, hardeners, etc.)	202.1	188.1	224.0	132.7
333232	Lead and lead-base alloys	3.1	0.9	3.3	0.8
333973	Magnesium and magnesium-base alloys	0.2	0.2	(2)	(2)
333971	Nickel and nickel-base alloys	6.7	12.3	7.0	11.5
333348	Zinc and zinc-base alloys	94.4	28.0	100.9	24.9
333909	Other nonferrous metals and alloys	2.8	6.6	(NA)	11.9
	Noferrous metal scrap (excluding home scrap):				
	Aluminum and aluminum-base alloy:				
999809	From other establishments of the same company	47.2	21.0	6.3	2.8
999810	From other sources, excluding home scrap				
999812	Copper and copper-base alloy	485.3	342.8	380.2	189.3
999814	Zinc and zinc-base alloy, including drosses and skimming	(2)	(2)	(2)	(2)
335200	Aluminum and aluminum-base alloy mill shapes (rod, bar, sheets, etc.)	(2)	(2)	23.7	13.9
335100	Brass mill shapes (rod, bar, sheet, etc.)	66.0	61.3	79.4	55.6
970099	All other materials and components, parts, containers, and supplies consumed	(X)	157.9	(X)	83.0
976000	Materials, parts, containers, and supplies, n.s.k.[3]	(X)	58.7	(X)	44.6
	INDUSTRY 3352.--ALUMINUM ROLLING AND DRAWING[4]				
	Materials, containers, and supplies, total	(X)	1,935.0	(X)	1,414.6
	Nonferrous metals and alloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed	1,345.6	640.4	1,032.7	466.2
333405	Aluminum-base alloys	1,495.2	764.4	1,029.1	518.9
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.)	(2)	(2)		
333113	Copper-base alloy raw materials (ingots, billets, shot, waffle, hardeners, etc.)	(2)	(2)	22.4	13.2
333232	Lead and lead-base alloys	(2)	(2)	2.5	1.0
333973	Magnesium and magnesium-base alloys	31.3	20.2	15.3	10.8
333971	Nickel and nickel-base alloys	(2)	(2)	(NA)	(NA)
333348	Zinc and zinc-base alloys	(NA)	1.6	3.5	1.3
333909	Other nonferrous metals and alloys	18.7	8.0	(NA)	4.3
	Nonferrous mill shapes:				
335200	Aluminum and aluminum-base alloy mill shapes	145.3	89.7	143.4	90.2
335100	Brass mill shapes (rod, bar, sheet, etc.)	(NA)	1.6	6.8	6.8
	Nonferrous metal scrap (except home scrap):				
	Aluminum and aluminum-base alloy:				
999809	From other establishments of the same company	144.9	62.7	102.0	25.6
999810	From other sources	105.8	43.8	104.0	39.9
999812	Copper and copper-base alloy	6.4	4.3	11.6	5.8
999814	Zinc and zinc-base alloy	(2)	(2)	(2)	(2)
970099	All other materials and components, parts, containers and supplies consumed	(X)	226.9	(X)	167.6
976000	Materials, containers, parts and supplies, n.s.k.[3]	(X)	71.4	(X)	63.1

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3356.--NONFERROUS ROLLING AND DRAWING, N.E.C.[4]				
	Materials, containers, and supplies, total	(X)	596.7	(X)	368.4
	Nonferrous metals and alloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed	(2)	(2)	(2)	(2)
333405	Aluminum-base alloys				
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.)	8.9	7.1	5.9	3.7
333113	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.	58.0	19.1	44.4	14.4
333232	Lead and lead-base alloys	(2)	(2)	15.1	7.9
333973	Magnesium and magnesium-base alloys	43.5	81.3	(2)	(2)
333971	Nickel and nickel-base alloys	38.3	10.0	51.1	11.6
333348	Zinc and zinc-base alloys	(NA)	182.7	(NA)	96.6
333909	Other nonferrous metals and alloys				
	Nonferrous metal scrap (excluding home scrap):				
	Aluminum and aluminum-base alloy:				
999809	From other establishments of your company	(2)	(2)	(2)	(2)
999810	From all other sources (excluding home scrap)	(2)	(2)	(2)	(2)
999812	Copper and copper-base alloy	(2)	(2)	(2)	(2)
999814	Zinc and zinc-base alloy, including drosses and skimming	(2)	(2)	(2)	(2)
335100	Brass mill shapes (rod, bar, sheet, etc.)	1.3	1.4	0.3	0.3
970099	All other materials and components, parts, containers, and supplies consumed	(X)	236.2	(X)	200.4
976000	Materials, parts, containers, and supplies, n.s.k.[3]	(X)	58.9	(X)	32.4
	INDUSTRY 3357.--NONFERROUS WIREDRAWING, ETC.				
	Materials, containers, and supplies, total	(X)	2,232.5	(X)	1,405.4
	Wire bar:				
333473	Aluminum and aluminum-base alloy	(D)	(D)	(NA)	(NA)
333125	Copper and copper-base alloy	943.2	389.8	(NA)	(NA)
	Nonferrous metal mill shapes and forms (except castings):				
	Rods:				
335251	Aluminum and aluminum-base alloy	399.1	104.0	222.4	60.0
335124	Copper, unalloyed	1,013.9	450.2	920.1	301.4
335125	Copper-base alloy	140.7	61.3	185.5	62.0
	Wire for redrawing:				
335211	Aluminum and aluminum-base alloy	26.3	10.1	3.3	1.1
335112	Copper and copper-base alloy	100.8	47.4	60.4	22.3
335608	Other nonferrous metals	18.9	18.6	10.3	7.8
	Bare wire (except wire for redrawing):				
335725	Copper and copper-base alloy (electrical)	432.8	211.3	331.1	130.1
335718	Aluminum and aluminum-base alloy	23.9	9.1	13.5	4.8
	All other mill shapes and forms:				
335109	Copper and copper-base alloy, including mechanical wire	30.6	23.6	40.9	22.6
335207	Aluminum and aluminum-base alloy	95.5	36.6	13.8	4.6
335609	All other nonferrous metal mill shapes	(NA)	8.8	(NA)	6.8
335790	Insulated wire and cable for further processing	73.8	51.2	24.0	18.6
333121	Refined unalloyed copper (cathodes, ingot, cakes, slabs, etc., but excluding wire bar)	(D)	(D)	428.2	249.4
333113	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)	(D)	(D)		
999812	Copper and copper-base alloy scrap	(D)	(D)	(D)	(D)
086111	Natural rubber	(D)	(D)	4.6	2.9
282202	Synthetic rubber	49.3	28.7	46.9	26.1
282101	Polyethylene plastics, all forms	263.7	61.0	198.8	57.9
282101	Vinyl plastics, all forms	356.8	65.7	251.2	44.9
228102	Cotton yarns	8.3	6.5	12.6	9.7
970099	All other materials and components, parts, containers and supplies consumed	(X)	518.7	(X)	330.5
976000	Materials, containers, parts, and supplies, n.s.k.[3,5]	(X)	129.9	(X)	42.0

See footnotes at end of table.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963—Continued

(See Appendix, Explanation of Terms)

Code	Material	1967		1963	
		Quantity (1,000 short tons)	Delivered cost (million dollars)	Quantity (1,000 short tons)	Delivered cost (million dollars)
	INDUSTRY 3361.--ALUMINUM CASTINGS				
	Materials, parts, containers, and supplies, total	(X)	347.2	(X)	262.0
331051	Pig iron (excluding silvery iron)	(NA)	(2)	2.9	0.2
	Nonferrous metal alloys and ferroalloys (ingot, pig, shot, etc.)				
333404	Aluminum, unalloyed	28.2	14.3	22.0	10.1
333405	Aluminum-base alloys	378.4	176.4	338.5	147.7
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.)	(2)	(2)	0.7	0.4
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)	9.6	8.5	8.7	5.3
333348	Zinc and zinc-base alloys	59.5	19.0	49.6	13.8
333973	Magnesium and magnesium-base alloys	3.9	2.5	3.9	2.4
331312	Ferromanganese	(NA)	0.5	0.7	0.3
331309	Other ferroalloys, including silvery iron				
	Scrap (purchased scrap only):				
999811	Iron and steel	2.4	0.2	2.1	0.1
999808	Aluminum and aluminum-base alloy	36.2	9.7	18.7	5.6
999812	Copper and copper-base alloy	(NA)	0.9	0.6	0.3
144503	Sand	(NA)	3.4		
325501	Clay refractories	(NA)	0.2	(NA)	(NA)
329701	Nonclay refractories	(NA)	0.2		
970099	All other materials and components, parts, containers, and supplies consumed	(X)	79.5	(X)	52.1
976000	Materials, parts, components, and supplies, n.s.k.[3]	(X)	31.9	(X)	23.6
	INDUSTRY 3362.--BRASS, BRONZE, COPPER CASTINGS				
	Materials, parts, containers, and supplies, total	(X)	196.6	(X)	132.1
331051	Pig iron (excluding silvery iron)	7.2	0.5	3.9	0.3
	Nonferrous metal alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed	8.0	4.3	1.6	0.7
333405	Aluminum-based alloys	23.8	12.0	8.1	3.9
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.)	16.6	13.0	13.2	8.1
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)	72.8	68.0	73.4	43.5
333348	Zinc and zinc-base alloys	1.8	0.5	1.3	0.3
333973	Magnesium and magnesium-base alloys	0.4	0.2	0.1	(Z)
331213	Ferromanganese	(2)	(2)	3.3	1.9
331309	Other ferroalloys, including silvery iron				
	Scrap:				
999811	Iron and steel purchased scrap	26.2	1.0	6.4	0.3
	Nonferrous metal scrap:				
999808	Aluminum and aluminum-base alloy	1.1	0.5	0.2	0.1
999812	Copper and copper-base alloy	52.9	36.5	52.3	26.1
970099	All other materials and components, parts, containers, and supplies consumed	(X)	[3]38.3	(X)	36.6
976000	Materials, parts, containers, and supplies, n.s.k.[3]	(X)	21.8	(X)	15.8
	INDUSTRY 3369.--NONFERROUS CASTINGS, N.E.C.				
	Materials, parts, containers, and supplies, total	(X)	181.2	(X)	104.6
331051	Pig iron (excluding silvery iron)	(2)	(2)	(2)	(2)
	Nonferrous metal alloys and ferroalloys (ingot, pig, shot, etc.):				
333404	Aluminum, unalloyed	10.1	6.6	24.5	11.6
333405	Aluminum-base alloy	21.9	10.2		
333121	Copper, unalloyed (cathodes, ingot, cakes, slabs, etc.)	0.3	0.3	1.7	1.3
334123	Copper-base alloy raw materials (ingot, billets, shot, waffle, hardeners, etc.)	1.7	1.7		
333348	Zinc and zinc-base alloys	178.3	57.4	132.1	35.0
333973	Magnesium and magnesium-base alloys	5.3	4.7	5.2	3.4
331312	Ferromanganese	-	-	4.6	1.0
331309	Other ferroalloys, including silvery iron	18.5	3.6		
	Scrap (purchased scrap only):				
999811	Iron and steel	(NA)	0.2	(2)	(2)
999808	Aluminum and aluminum-base alloy	(2)	(2)	0.1	(Z)
999812	Copper and copper-base alloy	(2)	(2)	(2)	(2)
970099	All other materials and components, parts, containers, and supplies consumed	(X)	61.9	(X)	36.6
976000	Materials, parts, containers, and supplies, n.s.k[3]	(X)	34.6	(X)	15.8

Note: For 1963, materials consumed data for industries 3351, Copper rolling and drawing, and 3357, Nonferrous wiredrawing, etc., were published separately by subindustry. For 1967, such data were not separately tabulated. Subindustry data for 1963 appear in Volume II, 1963 Census of Manufactures, in Table 7A.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated.

[1]Data exclude tonnages of copper materials processed on a toll basis. Most of the material involved in toll processing is owned by establishments classified in other industries, principally industry 3357, Nonferrous Wiredrawing, etc. As table 6A shows unalloyed copper rod, bar, and shapes (product code 3351211) is, by far, the most important mill product produced on a toll basis.

[2]Included with material code 970099, "all other materials and components, parts, containers, and supplies, consumed." To avoid disclosing operations of individual companies.

[3]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

[4]Data exclude tonnages of nonferrous materials processed on a toll basis.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Copper rolling and drawing (SIC 3351)	Aluminum rolling and drawing (SIC 3352)	Rolling and drawing, n.e.c. (SIC 3356)	Nonferrous wire drawing etc. (SIC 3357)	Aluminum castings (SIC 3361)	Brass, bronze, copper castings (SIC 3362)	Nonferrous castings, n.e.c. (SIC 3364)
	Cost of purchased fuels and electric energy, total.	Million dollars..	30.7	54.0	14.2	31.1	19.8	7.6	10.1
	Cost of purchased fuels, total	...do	12.9	25.3	6.0	9.2	11.0	3.8	4.6
121005	Coal (anthracite, bituminous, and lignite):								
	Quantity	1,000 short tons.	92.2	(D)	31.5	59.4	16.6	-	(D)
	Cost	Million dollars..	0.7	(D)	0.2	0.6	0.1	-	(D)
331212 331213	Coke, screenings, and breeze:								
	Quantity	1,000 short tons.	(D)	-	-	-	-	3.0	-
	Cost	Million dollars..	(D)	-	-	-	-	0.1	-
	Fuel oil, total:								
	Quantity	1,000 barrels....	1,291.4	711.9	121.3	825.2	237.8	152.0	60.0
	Cost	Million dollars..	3.2	2.5	0.2	2.3	1.0	0.8	0.2
291141	Distillate:								
	Quantity	1,000 barrels....	555.2	508.5	33.9	248.3	200.2	137.8	60.0
	Cost	Million dollars..	1.5	2.1	0.1	0.9	0.9	0.7	0.2
291151	Residual:								
	Quantity	1,000 barrels....	736.2	203.4	87.4	576.9	37.6	14.2	-
	Cost	Million dollars..	1.7	0.4	0.1	1.4	0.1	0.1	-
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):								
	Quantity	Million cub. ft..	9,527.2	41,037.1	7,812.9	6,719.4	13,982.7	3,726.7	5,083.9
	Cost	Million dollars..	6.7	19.3	.43	4.1	8.1	2.3	3.2
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.)	...do	(D)	(D)	0.2	0.4	0.2	0.1	(D)
	Fuels, n.s.k	...do	1.7	1.4	1.2	1.7	1.7	0.5	0.2
	Purchased electric energy:								
	Quantity	Million kw.-hrs..	1,681.0	3,862.7	962.8	1,884.8	747.1	252.5	421.3
	Cost	Million dollars..	17.8	28.7	8.2	21.9	8.8	3.8	5.5
	Quantity of electric energy generated less quantity sold	Million kw.-hrs..	100.4	(S)	(Z)	1.3	(S)	(Z)	(D)
	Total energy used for heat and power[1]	...do	8,862.7	19,609.7	4,478.6	7,127.0	6,590.9	2,095.9	2,459.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: -Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Supressed did not meet publication standards. (Z) Less than 1 million kw. hrs..

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3351	COPPER ROLLING AND DRAWING										
	ENTIRE INDUSTRY	125	40.3	293.9	32.2	64.5	219.0	704.4	1 658.2	2 391.1	68.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	105	33.5	244.5	27.0	53.4	184.3	595.8	1 393.4	2 013.4	58.4
33511	COPPER, COPPER-BASE ALLOY WIRE, NOT ELECTRICAL										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	7	.7	5.3	.6	1.2	3.5	12.7	31.0	44.3	.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	3	.1	.9	.1	.2	.7	2.1	1.8	3.9	.1
33512	ROLLED, DRAWN, EXTR. COPPER AND ALLOY MILL PROD.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	101	39.1	285.1	31.2	62.4	212.7	684.6	1 622.9	2 335.4	67.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	80	30.4	220.9	24.7	48.7	168.8	546.6	1 284.4	1 851.4	53.4
3352	ALUMINUM ROLLING AND DRAWING										
	ENTIRE INDUSTRY	218	61.5	479.4	48.7	101.0	354.9	938.7	2 057.9	2 958.9	155.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	198	51.7	401.2	40.8	83.5	295.2	753.2	1 799.5	2 514.1	139.0
33521	ALUM., ALUM.-BASE ALLOY WIRE, ROLLING MILLS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33522	ALUMINUM PLATE AND SHEET, INCL. FOIL STOCK										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	24	25.6	212.5	20.5	42.2	161.4	402.2	1 014.8	1 381.5	85.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	19	22.6	189.0	18.3	37.6	145.5	366.8	924.3	1 249.0	75.4
33523	PLAIN ALUMINUM FOIL										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	12	3.8	30.1	3.0	6.1	21.5	75.1	147.2	225.4	23.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	4	.5	4.3	.4	.8	2.7	11.4	19.9	28.8	(D)
33524	ROLLED ALUMINUM ROD, BAR, AND STRUCTURAL SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33525	EXTRUDED ALUMINUM ROD, BAR, AND OTHER SHAPES										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	94	20.3	147.5	16.1	34.2	108.4	294.8	415.2	706.8	22.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	81	10.3	67.8	8.1	16.9	47.3	133.3	246.6	378.6	6.8
33526	ALUMINUM TUBE, OTHER ROLLED, DRAWN, EXTRUDED PROD										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	18	1.6	10.7	1.3	2.8	7.5	22.9	49.7	71.5	1.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33527	ALUMINUM INGOT, IN ALUMINUM ROLLING MILLS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3356	NONFERROUS ROLLING AND DRAWING, NEC										
	ENTIRE INDUSTRY	142	21.3	163.5	14.8	30.9	100.4	351.7	637.2	984.0	58.1
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	121	18.0	137.9	12.7	26.2	86.2	291.4	573.8	860.2	49.9
3357	NONFERROUS WIREDRAWING, INSULATING										
	ENTIRE INDUSTRY	348	71.7	501.6	55.3	117.0	352.7	1 330.1	2 304.2	3 591.4	188.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	312	63.5	443.4	49.9	103.5	311.9	1 200.6	2 056.9	3 216.5	123.5
33571	ALUM., ALUM.-BASE ALLOY WIRE (WIREDRAWING PLANTS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	15	2.2	16.5	1.7	3.7	11.4	41.3	154.4	191.4	5.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	9	1.4	9.8	1.0	2.1	6.7	19.8	113.7	131.2	2.7
33572	COPPER, COPPER-BASE ALLOY WIRE FOR ELEC. TRANS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	23	4.9	35.3	4.0	8.7	26.0	88.0	324.8	407.7	8.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33573	OTHER BARE NONFERROUS METAL WIRE (WIREDRAWERS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	10	1.5	10.8	1.2	2.3	7.3	24.1	21.4	45.8	(D)
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33574	COMMUNICATION WIRE AND CABLE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	71	24.8	177.2	18.8	39.4	123.3	431.9	684.1	1 110.1	39.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	51	13.7	97.1	10.2	21.3	65.7	248.7	380.5	627.8	22.0
33575	NONFER. WIRE CLOTH, OTH. WOVEN WIRE (WIREDRAWERS)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	10	2.1	15.1	1.7	3.8	11.1	26.9	19.4	44.8	2.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33576	APPLIANCE WIRE, CORD, ETC., IN INSULATING ESTABS.										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	22	6.1	32.9	5.1	10.0	24.9	82.6	92.6	170.8	5.5
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	13	2.8	12.4	2.4	4.5	9.5	24.9	26.6	51.0	1.1
33577	MAGNET WIRE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	33	5.2	41.0	4.1	9.0	30.3	117.9	262.1	376.3	25.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	31	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
33578	POWER WIRE AND CABLE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	22	7.4	57.1	5.2	11.2	37.3	159.6	219.5	372.7	20.6
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	7	1.8	14.1	1.2	2.8	9.3	54.9	61.5	112.4	4.9
33579	OTHER INSULATED WIRE AND CABLE, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	63	15.6	105.0	12.0	25.7	72.7	330.1	496.2	814.3	23.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	31	5.1	33.1	4.1	8.6	22.4	119.0	199.0	309.1	7.8

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3361	ALUMINUM CASTINGS										
	ENTIRE INDUSTRY	992	45.2	312.9	38.8	78.8	243.6	516.6	405.7	920.5	38.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	809	28.7	200.2	24.7	50.9	156.3	317.8	275.0	590.8	27.3
3362	BRASS, BRONZE, AND COPPER CASTINGS										
	ENTIRE INDUSTRY	534	17.9	119.8	15.1	30.6	89.2	226.8	218.0	445.2	12.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	427	12.1	79.7	10.4	21.2	59.6	152.9	154.1	306.1	8.8
3369	NONFERROUS CASTINGS, NEC										
	ENTIRE INDUSTRY	360	26.6	176.7	22.1	45.0	131.2	324.1	233.0	556.3	18.2
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	296	19.0	126.0	15.8	32.4	93.6	228.1	165.5	393.8	12.1
33691	ZINC AND ZINC-BASE ALLOY CASTINGS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	127	14.2	95.6	12.1	24.7	73.3	176.5	148.4	323.7	9.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	92	9.8	65.9	8.4	17.0	50.4	116.9	100.3	216.1	5.5
33699	NONFERROUS CASTINGS, NEC										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	64	9.4	63.6	7.5	15.3	45.0	118.2	62.4	181.2	6.3
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	39	6.3	42.9	5.0	10.5	30.5	78.9	42.8	123.1	4.9

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 9A. Departmental Operations, by Subindustry: 1967 and 1963

Item	Copper rolling and drawing (SIC 3351)					
	Man-hours of production workers (millions)			Production worker wages (millions)		
	Total	Establishments with casting department	Establishments without casting department	Total	Establishments with casting department	Establishments without casting department
	1967					
Total, all departments	64.5	45.5	19.0	219.0	158.2	60.8
Casting (except foundry)	4.6	4.6	-	16.1	16.0	-
Rod mill	4.5	3.5	1.0	15.4	12.3	3.0
Wire mill (including stranding mill)	2.0	1.3	0.7	5.1	2.9	2.2
Tube mill	13.5	8.7	4.8	44.0	28.2	15.8
Flat products mill	10.8	7.9	2.9	39.1	27.3	11.8
Foundry (nonferrous)	1.1	0.6	0.5	4.2	2.3	1.9
Machine shop and tool and die shop	4.0	3.1	0.9	15.8	11.5	3.3
Heat treating and annealing	1.0	0.7	0.2	3.1	2.4	0.7
Other manufacturing or fabricating departments	3.9	3.1	0.8	13.8	11.4	2.3
All other, including service or auxiliary operations	10.9	9.4	1.5	40.6	35.1	5.5
Not specified	8.2	2.6	5.7	21.8	8.8	14.3
	1963					
Total, all departments	65.7	43.8	22.0	200.2	135.8	64.4
Casting (except foundry)	3.9	3.9	-	12.9	12.9	-
Rod mill	5.4	3.4	2.0	15.4	9.5	6.0
Wire mill (including stranding mill)	2.1	1.5	0.6	6.5	4.4	2.0
Tube mill	14.9	9.1	5.8	44.2	27.5	16.8
Flat products mill	11.5	7.5	3.9	34.5	23.0	11.5
Foundry (nonferrous)	1.1	0.5	0.6	3.7	1.8	1.9
Machine shop and tool and die shop	3.9	3.0	0.9	12.8	9.9	2.8
Heat treating and annealing	0.9	0.6	0.3	2.7	1.9	0.8
Other manufacturing or fabricating departments	4.4	2.9	1.6	12.1	8.0	4.1
All other, including service or auxiliary operations	11.9	9.6	2.3	37.5	29.9	7.6
Not specified	5.7	1.8	3.9	17.7	7.0	10.8

Item	Aluminum rolling and drawing (SIC 3352)					
	Man-hours of production workers (millions)			Production worker wages (millions)		
	Total	Establishments operated by primary (integrated) producers[1]	Establishments operated by nonintegrated producers[1]	Total	Establishments operated by primary (integrated) producers[1]	Establishments operated by nonintegrated producers[1]
	1967					
Total, all departments	101.0	77.0	24.0	354.9	285.1	69.8
Melting (except foundry)	5.5	4.5	1.0	20.3	17.3	3.0
Sheet and plate mill	20.9	19.7	1.2	79.3	75.2	4.1
Foil rolling mill (excluding conversion or subsequent operations)	3.7	6.4	0.9	13.8	25.0	2.6
Extrusion department (rod, bar, tube, pipe, etc.)	3.6			13.8		
Tube mill (drawn and welded)	13.6	9.2	4.4	44.4	32.6	11.8
Wire, rod and bar mill (excluding extruded)	2.1			7.6		
Electrical conductor department (ACSR, insulated, etc.)						
Forging and impact extrusions	2.4	3.8	0.7	7.2	10.8	4.0
Foundry (nonferrous)						
Machine shop and tool and die shop	7.1	6.1	1.0	29.1	26.0	3.1
Other manufacturing or fabricating departments	8.1	4.6	3.5	26.8	16.0	10.8
All other, including service or auxiliary operations	19.3	16.7	2.6	71.7	63.2	8.5
Not specified	14.7	6.0	8.7	40.9	19.0	21.9
	1963					
Total, all departments	89.9	66.5	23.4	278.5	221.7	56.7
Melting (except foundry)	4.9	4.4	0.5	17.3	16.1	1.2
Sheet and plate mill	17.5	15.9	1.6	56.9	52.3	4.6
Foil rolling mill (excluding conversion or subsequent operations)	3.5	3.1	0.4	10.2	9.1	1.4
Extrusion department (rod, bar, tube pipe, etc.)	14.4	8.1	6.4	43.6	28.1	14.9
Tube mill (drawn and welded)	2.7	1.9	0.8	7.6	5.9	1.8
Wire, rod and bar mill (excluding extruded)	2.8			8.6		
Electrical conductor department (ACSR, insulated, etc.)						
Forging and impact extrusions	2.9	3.6	2.1	7.9	11.8	4.7
Foundry (nonferrous)						
Machine shop and tool and die shop	4.0	3.8	0.2	13.8	13.4	0.5
Other manufacturing or fabrication departments	6.3	5.0	1.3	20.5	17.0	3.5
All other, including service or auxiliary operations	16.1	14.6	1.4	51.9	48.3	3.6
Not specified	14.8	6.1	8.7	40.2	19.3	20.9

See footnotes at end of table.

TABLE 9A. Departmental Operations, by Subindustry: 1967 and 1963--Continued

Item	Nonferrous wiredrawing and insulating (SIC 3357)									
	Man-hours of production workers (million)					Production worker wages (million)				
	Total	Establishments with wire-drawing department			Establishments without wire drawing department	Total	Establishment with wire-drawing department			Establishments without wire drawing department
		With rod mill	Without rod mill				With rod mill	Without rod mill		
			Without insulating department	With insulating department				Without insulating department	With insulating department	
	1967									
Total, all departments	117.0	14.4	8.2	62.4	32.0	352.7	46.7	23.5	199.6	82.9
Rod mill	1.0	1.0	-	-	-	3.6	3.6	-	-	-
Wire drawing and stranding mill	14.2	2.4	3.7	8.1	-	43.9	7.8	10.2	25.9	-
Insulating and cabling of wire and cable, including sheathing	39.9	2.4	-	22.3	15.2	122.8	11.1	-	72.0	39.7
Electroplating, galvanizing, heat treating and annealing	1.0	.1	.4	.5	-	3.3	.3	1.1	1.9	-
Machine shop and tool and die shop	7.6	.7	.4	4.9	1.6	26.6	2.6	1.4	16.7	5.9
Other manufacturing or fabricating departments, including annealing	16.3	.7	2.2	10.7	2.7	47.3	2.3	6.5	32.0	6.5
All other, including service or auxiliary operations	21.5	3.1	1.4	14.3	2.7	69.3	10.6	3.6	46.6	8.5
Not specified	15.5	4.0	.1	1.6	9.8	35.9	8.4	.7	4.5	22.3

Item	Nonferrous wiredrawing and insulating (SIC 3357)					
	Man-hours of production workers (million)			Production worker wages (million)		
	Total	Establishments with wiredrawing department[2]	Establishments without wiredrawing department	Total	Establishments with wiredrawing department[2]	Establishments without wiredrawing department
	1963					
Total, all departments	90.4	70.8	19.6	240.9	196.1	44.8
Rod mill	r0.5	r0.5	-	r1.5	r1.5	-
Wire drawing and stranding mill	r10.3	r10.3	-	r28.2	r28.2	-
Insulating and cabling of wire and cable, including sheathing	34.8	23.2	11.7	94.9	68.4	26.5
Electroplating, galvanizing, heat treating and annealing	0.8	0.8	-	2.1	2.1	-
Machine shop and tool and die shop	4.7	4.3	0.4	13.5	12.4	1.1
Other manufacturing or fabricating departments, including annealing	14.6	11.9	2.7	33.1	28.4	4.7
All other, including service or auxiliary operations	16.8	14.9	1.9	45.5	41.1	4.4
Not specified	7.9	5.0	2.9	22.0	13.9	8.1

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. rRevised.

[1]See footnote 4, table 1A for subindustry definition.

[2]See footnote 5, table 1A.

TABLE 9B. Establishments and Production Workers for Selected Metalworking Operations: 1967

(To be published in a separate subject chapter titled "Selected Metalworking Operations.")

FORGINGS AND MISCELLANEOUS PRIMARY METAL PRODUCTS

This report shows 1967 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

3391--Iron and Steel Forgings
3392--Nonferrous Forgings
3399--Primary Metal Products, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

3391--IRON AND STEEL FORGINGS

This industry comprises establishments primarily engaged in manufacturing iron and steel forgings, with or without the use of dies. These establishments generally operate on a job or order basis, manufacturing forgings for sale to others or for interplant transfer. Establishments which produce iron and steel forgings and which are also engaged in fabricating operations, such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Iron and steel forgings are made to a considerable extent by establishments classified in other industries that produce forgings for incorporation, in the same establishment, into such products as machinery, motor vehicles, etc. For a detailed list of products of industry 3391, refer to table 6A, product codes 3391111 to 3391942.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Iron and Steel Forgings Industry in 1967 totaled $1,262 million. This included shipments of iron and steel forgings (primary products), valued at $1,110 million, shipments of other products (secondary products) valued at $125 million, and miscellaneous receipts of $27 million.

This industry's shipments of iron and steel forgings (primary products) in 1967 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 89 percent. Secondary products shipped by this industry in 1967 included nonferrous forgings (3392).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 74 percent of the total industry shipments are represented by plants specializing in product class 33911, drop, upset,and press steel forgings.

Industry 3391 shipments of iron and steel forgings (primary products) in 1967 represented 72 percent (coverage ratio) of these products valued at $1,551 million shipped by all industries. In 1963, the coverage ratio was 69 percent. Other industries shipping iron and steel forgings (primary products) consisted mainly of industry 3714, Motor Vehicle Parts and Accessories, $83 million; and industry 3392, Nonferrous Forgings, $41 million.

Industry 3391 includes establishments in two main categories: those producing iron and steel forgings for sale to the trade (commercial forge shops), and those producing forgings for use by other plants of the same company (captive forge shops). A few plants in this industry produce forgings both for sale and for interplant transfer. In addition, forgings are also produced in forgings departments of establishments classified (on the basis of their final product) in other industries. In the 1967 Census of Manufactures, establishments in the fabricated metal product and machinery industries (Major Groups 34 to 37) having such "captive" forging departments (either ferrous or nonferrous) reported data on the approximate number of employees engaged in this activity as well as similar data for 13 other metal fabricating operations such as foundry, stamping, etc. These data will be summarized in Volume I, General Summary. Also, for those industries where the "captive" production of iron and steel forgings is of particular importance, the quantity of iron and steel forgings produced and consumed within such industries is shown in the materials consumed table in the reports covering these industries.

Materials consumed data, shown in table 7A of this report represent only those tonnages consumed by establishments classified in industry 3391, including consumption for secondary products. For this reason they cannot be related directly to the tonnages of forgings shown in table 6A which represent the total shipments of steel forgings, including those shipped by establishments classified in other industries.

Detailed figures on shipments of commercial steel forgings are collected on an annual basis by the Bureau of the Census and published in Current Industrial Reports Series MA-33C, Commercial Steel Forgings. Footnote 2, table 6A, shows totals for the data collected in the annual survey for 1967 and 1963.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3391, these establishments accounted for less than 1 percent of payroll and value added by manufacture.

3392--NONFERROUS FORGINGS

This industry comprises establishments primarily engaged in manufacturing nonferrous forgings, with or without the use of dies. These establishments generally operate on a job or order basis, manufacturing forgings for sale to others or for interplant transfer. Establishments which produce nonferrous forgings and which are also engaged in fabricating operations, such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Nonferrous forgings are made to a considerable extent by establishments classified in other industries that produce forgings for incorporation, in the same establishment, into such products as machinery, motor vehicles, etc. For a detailed list of products of industry 3392, refer to table 6A, product codes 3392011 to 3392098.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Nonferrous Forgings Industry in 1967 totaled $333 million. This included shipments of nonferrous forgings (primary products), valued at $187 million, shipments of other products (secondary products) valued at $130 million, and miscellaneous receipts of $16 million.

This industry's shipments of nonferrous forgings (primary products) in 1967 represented 67 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 69 percent. Secondary products shipped by this industry in 1967 consisted mainly of iron and steel forgings (SIC 3391) ($41 million), and special dies, tools, jigs, and fixtures (SIC 3544) ($36 million).

Industry 3392 shipments of nonferrous forgings (primary products) in 1967 represented 54 percent (coverage ratio) of these products valued at $348 million shipped by all industries. In 1963, the coverage ratio was 55 percent. Other industries shipping nonferrous forgings (primary products) consisted mainly of industry 3391, Iron and steel Forgings, $53 million; and industry 3352, Aluminum Rolling and Drawing, $38 million

Industry 3392 includes establishments in two main categories: those producing nonferrous forgings for sale to the trade (commercial forge shops), and those producing forgings for use by other plants of the same company (captive forge shops). In addition, a few plants in this industry produce forgings both for sale and for interplant transfer.

No data are available on nonferrous forgings which are produced and consumed within the same establishment in the manufacture of further fabricated products. In some instances, the fabricated product may require relatively little fabrication or processing beyond the rough forging stage. Nevertheless, establishments primarily engaged in producing such items are classified as fabricated product plants in the appropriate industry in Major Groups 34 to 37, Fabricated Metal Products, Machinery, and Transportation Equipment.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3392, these establishments accounted for approximately 1 percent of payroll and value added by manufacture.

3399--PRIMARY METAL PRODUCTS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing primary metal products, not elsewhere classified, such as nonferrous nails, brads, and spikes; metal powder, flakes, and paste; and establishments primarily engaged in heat treating of steel for the trade. For a detailed list of products of industry 3399, refer to table 6A, product codes 3399111 to 3399611.

The code number as well as the definition of this industry was unchanged between 1967 and 1963.

Value of shipments and other receipts of the Primary Metal Products, N.E.C., Industry in 1967 totaled $578 million. This included shipments of primary metal products, n.e.c. (primary products), valued at $502 million, shipments of other products (secondary products) valued at $14 million, and miscellaneous receipts (mainly contract work on materials owned by others) of $62 million.

This industry's shipments of primary metal products, n.e.c. (primary products) in 1967 represented 97 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1963 was 93 percent.

Industry 3399 shipments of primary metals products, n.e.c. (primary products) in 1967 represented 85 percent (coverage ratio) of these products valued at $591 million shipped by all industries. In 1963, the coverage ratio was 87 percent. Other industries shipping primary metal products (primary products) included Industry 3356, Nonferrous Rolling and Drawing, N.E.C., $16 million.

Industry 3399, by definition, includes establishments which fall into four significantly different categories: (1) those producing metal powders and paste; (2) those producing nonferrous nails, brads, and spikes; (3) those annealing and heat treating metal for the trade; and (4) those reclaiming metallics from slag. Accordingly, the manufacturing plants included in this industry involve different processes depending upon the type of product produced or operation performed. Of the 959 establishments classified in this industry 68 establishments with 3,574 employees were primarily engaged in producing metal powders, flake and paste; 462 establishments with 15,428 employees were primarily engaged in such services as heat treating, annealing, etc. The remaining 429 establishments with employment totaling 5,703 were engaged in producing nonferrous nails, brads, and spikes; reclaimed metallics from slag; or reported shipments of primary metal products, not specified by kind.

As indicated in the introduction, small establishments generally with less than 10 employees were excluded from the mail portion of the census. For these establishments, key data on payrolls and sales were obtained from administrative records of other Government agencies and the remaining statistics estimated from industry averages. For industry 3399, these establishments accounted for 2 percent of payroll and value added by manufacture.

TABLE 1A. General Statistics: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	End-of-year inventories	Specialization ratio	Coverage ratio
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent)	(percent)
INDUSTRY 3391.--IRON AND STEEL FORGINGS														
1967 Census....	272	189	41.2	345.9	33.4	67.2	265.6	607.4	657.2	1,261.6	45.0	200.1	90	72
1966 ASM[1].....	(NA)	(NA)	41.3	346.3	33.4	70.6	269.4	594.9	687.0	1,273.1	34.6	210.8	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	39.1	307.3	31.8	66.1	242.1	512.5	605.3	1,105.8	22.7	192.6	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	36.6	276.3	29.5	60.2	214.4	440.5	531.9	961.2	*34.1	165.8	(NA)	(NA)
1963 Census[3]...	272	189	36.3	259.8	29.2	58.3	198.3	395.3	470.9	868.9	17.5	125.0	89	69
1962 ASM[1].....	(NA)	(NA)	40.9	282.1	33.0	66.0	214.1	456.5	484.0	928.8	14.6	142.6	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	39.5	257.9	31.3	60.7	189.5	380.3	414.7	789.1	17.5	146.9	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	41.0	261.7	32.8	64.2	197.3	393.7	470.4	854.8	15.0	141.4	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	40.8	260.4	32.9	66.0	198.9	408.1	462.3	873.3	13.1	132.9	(NA)	(NA)
1958 Census[2]...	302	190	37.7	220.5	30.2	56.7	164.1	315.9	359.7	687.3	14.3	133.0	86	72
INDUSTRY 3392.--NONFERROUS FORGINGS														
1967 Census....	41	31	10.1	87.5	7.4	16.5	61.4	154.4	178.0	333.1	32.4	72.2	67	54
1966 ASM[1].....	(NA)	(NA)	9.6	77.8	7.3	16.1	56.5	145.6	178.1	311.4	16.5	68.1	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	7.6	59.8	5.6	12.4	42.1	105.4	124.7	220.6	13.0	49.0	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	7.2	56.9	5.4	12.0	40.0	88.5	110.5	196.1	13.1	38.1	(NA)	(NA)
1963 Census....	34	19	6.3	47.6	4.6	10.1	32.5	71.4	93.4	165.1	4.7	34.3	69	55
1962 ASM[1].....	(NA)	(NA)	*7.0	*49.0	*5.4	*11.1	*38.3	*78.1	*99.7	*175.3	*4.0	30.0	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	5.4	40.0	4.1	8.4	30.4	47.2	79.2	124.6	*4.7	28.1	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	*5.4	*38.4	*4.2	*7.8	*28.0	*43.2	*72.8	*116.6	*2.9	23.7	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	*4.7	*30.1	*3.6	*7.2	*21.6	*37.9	*65.6	*103.5	*1.3	21.5	(NA)	(NA)
1958 Census[2]...	28	19	4.6	27.8	3.5	6.8	19.4	36.8	58.1	98.7	2.0	20.9	85	60
INDUSTRY 3399.--PRIMARY METAL PRODUCTS, N.E.C.														
1967 Census....	959	371	24.7	179.4	19.7	41.4	124.5	370.2	211.0	578.5	35.0	46.3	97	85
1966 ASM[1].....	(NA)	(NA)	17.9	129.3	14.0	30.2	88.0	263.6	137.3	398.8	26.5	35.3	(NA)	(NA)
1965 ASM[1].....	(NA)	(NA)	16.3	112.7	12.5	28.0	79.1	240.6	108.6	347.2	19.5	28.5	(NA)	(NA)
1964 ASM[1].....	(NA)	(NA)	15.9	105.7	12.5	26.8	70.7	219.5	105.3	327.5	17.0	25.5	(NA)	(NA)
1963 Census[3]...	754	218	15.0	94.7	11.5	24.7	65.4	192.2	93.6	284.7	13.5	21.7	93	87
1962 ASM[1].....	(NA)	(NA)	12.8	74.7	9.6	21.0	48.0	143.7	85.1	231.7	*9.7	15.0	(NA)	(NA)
1961 ASM[1].....	(NA)	(NA)	11.5	67.2	8.4	17.9	41.6	116.5	67.8	186.9	*7.0	13.3	(NA)	(NA)
1960 ASM[1].....	(NA)	(NA)	10.5	59.7	8.0	17.1	39.5	104.4	57.9	164.6	*5.8	11.9	(NA)	(NA)
1959 ASM[1].....	(NA)	(NA)	10.1	56.1	7.8	16.2	37.6	100.0	56.3	158.5	6.3	11.5	(NA)	(NA)
1958 Census[2]...	581	149	9.8	52.7	7.4	14.8	35.1	90.7	50.1	141.2	5.6	14.4	98	87

Note: In 1967, 1963, and 1958, the number of companies in industry 3391 was 248, 248, and 287, respectively; in industry 3392: 37, 32, and 36; industry 3399: 868, 695, and 567. The 1967 company counts include the small companies whose data were estimated from administrative records. The number of such companies is shown in table 4.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review. (*) These figures either have associated standard errors exceeding 15 percent or are not consistent with other Census series and related data. Thus, these estimates may be of limited reliability.

[1]Based on a representative sample of establishments canvassed in the annual survey of manufactures (ASM). These estimates may differ from the results of a complete canvass of all manufacturing establishments. The percentage standard errors of the 1966/1965 relatives for employment and value added for industry 3391 were 1 and 1, industry 3392 were 3 and 3, and industry 3399 were 4 and 3, respectively.

[2]Data prior to 1958 appear in Volume II, 1963 Census of Manufactures, in table 1 of the chapter devoted to this industry.

[3]The figures for 1963 are not strictly comparable with those for earlier years. Value added by manufacture for 1963 on a basis comparable with earlier years is $176.8 million.

TABLE 1B. Selected Operating Ratios: 1958 to 1967

(See Appendix, Explanation of Terms)

Year	Payroll per employee (dollars)	Production worker as percent of total employment (percent)	Annual man-hours of production workers (number)	Average hourly earnings of production workers (dollars)	Cost of materials per dollar of shipments (dollars)	Cost of materials and payrolls per dollar shipments (dollars)	Value added per employee (dollars)	Payrolls as percent of value added (percent)	Value added per man-hour of production worker (dollars)
	INDUSTRY 3391--IRON AND STEEL FORGINGS								
1967 Census	8,396	81	2,012	3.95	.52	.80	14,743	57	9.04
1966 ASM	8,394	81	2,116	3.81	.54	.81	14,419	58	8.42
1965 ASM	7,857	81	2,078	3.66	.55	.83	13,106	60	7.75
1964 ASM	7,552	81	2,036	3,56	.55	.84	12,041	63	7.32
1963 Census	7,153	81	1,994	3.40	.54	.84	10,885	66	6.78
1962 ASM	6,898	81	2,003	3.24	.52	.82	11,161	62	6.91
1961 ASM	6,534	79	1,940	3.12	.53	.85	9,636	68	6.26
1960 ASM	6,386	80	1,958	3.07	.55	.86	9,606	66	6.13
1959 ASM	6,388	81	2,006	3.01	.53	.83	10,012	64	6.18
1958 Census	5,844	80	1,880	2.89	.52	.84	8,371	70	5.57
	INDUSTRY 3392--NONFERROUS FORGINGS								
1967 Census	8,663	73	2,230	3.72	.53	.80	15,287	57	9.36
1966 ASM	8,135	76	2,209	3.51	.57	.82	15,233	53	9.03
1965 ASM	7,890	74	2,205	3.40	.57	.84	13,907	57	8.53
1964 ASM	7,886	74	2,230	3.34	.56	.85	12,274	64	7.40
1963 Census	7,563	73	2,182	3.23	.57	.85	11,335	67	7.09
1962 ASM	6,949	77	2,038	3.45	.57	.85	11,071	63	7.04
1961 ASM	7,365	75	2,066	3.60	.64	.96	8,703	85	5.60
1960 ASM	7,116	77	1,866	3.59	.62	.95	8,010	89	5.55
1959 ASM	6,423	77	1,994	2.99	.63	.92	8,093	79	5.25
1958 Census	5,981	75	1,945	2.87	.59	.87	7,907	76	5.44
	INDUSTRY 3399--PRIMARY METAL PRODUCTS, N.E.C.								
1967 Census	7,263	80	2,102	3.01	.36	.67	14,988	48	8.94
1966 ASM	7,232	78	2,161	2.91	.34	.67	14,741	49	8.73
1965 ASM	6,894	76	2,246	2.82	.31	.64	14,713	47	8.59
1964 ASM	6,630	78	2,148	2.64	.32	.64	13,771	48	8.20
1963 Census	6,332	77	2,142	2.65	.33	.66	12,854	49	7.80
1962 ASM	5,847	75	2,179	2.29	.37	.69	11,245	52	6.85
1961 ASM	5,819	73	2,125	2.33	.36	.72	10,085	58	6.51
1960 ASM	5,688	76	2,136	2.31	.35	.71	9,958	57	6.11
1959 ASM	5,573	77	2,090	2.32	.36	.71	9,931	56	6.16
1958 Census	5,382	75	2,013	2.37	.35	.73	9,255	58	6.12

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3391-- IRON AND STEEL FORGINGS													
UNITED STATES	272	189	41.2	345.9	33.4	67.2	265.6	607.4	657.2	1 261.6	45.0	36.3	395.3
NORTHEAST REGION	70	55	9.0	70.1	7.1	14.8	52.1	129.0	126.5	251.7	8.4	8.3	76.8
NEW ENGLAND DIVISION	16	12	3.6	29.0	2.6	5.3	19.8	47.6	44.0	89.5	3.0	3.2	26.2
MAINE	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	7	7	2.7	22.9	2.0	4.1	15.7	34.7	36.2	69.5	2.6	2.7	20.6
CONNECTICUT	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	54	43	5.5	41.1	4.5	9.5	32.3	81.5	82.6	162.3	5.4	5.1	50.6
NEW YORK	17	13	1.2	8.2	1.0	2.0	6.4	15.5	13.2	28.3	1.3	1.5	14.1
NEW JERSEY	9	4	.7	4.7	.6	.9	3.8	10.2	8.5	18.6	.3	.6	6.9
PENNSYLVANIA	28	26	3.6	28.2	3.0	6.6	22.0	55.8	60.8	115.4	3.8	3.0	29.6
NORTH CENTRAL REGION	138	100	28.9	250.2	23.7	47.0	195.8	423.1	470.4	895.2	30.9	25.6	289.5
EAST NORTH CENTRAL DIVISION	128	99	28.8	249.6	23.6	46.9	195.4	422.3	469.6	893.6	30.8	25.6	289.0
OHIO	39	31	6.8	57.2	5.7	11.5	45.6	102.4	115.0	217.4	13.2	6.5	69.4
INDIANA	14	8	4.1	32.1	3.3	6.2	25.3	52.0	64.7	117.2	3.2	3.3	38.3
ILLINOIS	35	24	5.6	49.2	4.5	9.3	37.0	86.2	93.8	180.2	4.5	4.8	58.0
MICHIGAN	32	29	5.8	54.4	4.9	9.9	43.4	92.3	110.6	202.7	3.8	5.1	62.5
WISCONSIN	8	7	6.6	56.8	5.2	10.0	44.2	89.3	85.6	176.2	6.2	5.9	60.7
SOUTH REGION	32	20	1.7	11.9	1.3	2.9	8.3	26.9	27.5	53.0	(D)	1.2	11.3
EAST SOUTH CENTRAL DIVISION	3	3	.3	1.8	.2	.5	1.3	3.7	3.2	6.8	.1	(D)	(D)
TENNESSEE	3	3	.3	1.8	.2	.5	1.3	3.7	3.2	6.8	.1	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	21	15	1.3	9.0	1.0	2.2	6.1	20.9	21.6	41.7	(D)	(D)	(D)
OKLAHOMA	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TEXAS	18	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	7.8
WEST REGION	32	14	1.6	13.7	1.2	2.5	9.4	28.3	32.7	61.7	3.1	1.2	17.8
PACIFIC DIVISION	31	14	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	26	12	1.4	12.4	1.1	2.2	8.6	26.0	31.2	57.4	(D)	1.1	17.0
3392-- NONFERROUS FORGINGS													
UNITED STATES	41	31	10.1	87.5	7.4	16.5	61.4	154.4	178.0	333.1	32.4	6.3	71.4
NORTHEAST REGION	11	9	2.6	22.3	2.1	4.2	17.0	42.8	42.4	84.9	2.6	1.9	22.0
NEW ENGLAND DIVISION	6	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MASSACHUSETTS	3	2	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
CONNECTICUT	3	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
MIDDLE ATLANTIC DIVISION	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PENNSYLVANIA	5	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
NORTH CENTRAL REGION	13	9	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	11	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	4	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
INDIANA	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
ILLINOIS	4	3	.2	2.0	.2	.4	1.6	3.6	3.7	7.3	.5	[2](D)	[2](D)
SOUTH REGION	6	3	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
WEST SOUTH CENTRAL DIVISION	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	2	2	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST REGION	11	10	1.5	12.7	1.1	2.4	8.7	25.5	26.0	51.9	6.9	(D)	(D)
PACIFIC DIVISION	11	10	1.5	12.7	1.1	2.4	8.7	25.5	26.0	51.9	6.9	.8	9.7
CALIFORNIA	11	10	1.5	12.7	1.1	2.4	8.7	25.5	26.0	51.9	6.9	.8	9.7
3399-- PRIMARY METAL PRODUCTS, NEC													
UNITED STATES	959	371	24.7	179.4	19.7	41.4	124.5	370.2	211.0	578.5	35.0	15.0	192.3
NORTHEAST REGION	270	96	6.5	46.3	5.0	10.4	30.3	102.0	74.3	175.5	11.8	4.2	56.8
NEW ENGLAND DIVISION	89	26	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	15.2
MASSACHUSETTS	27	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
RHODE ISLAND	15	3	.2	1.2	.2	.3	.8	2.4	.4	2.8	.1	[2](D)	[2](D)
CONNECTICUT	46	14	.8	5.9	.6	1.4	3.6	13.4	10.1	21.9	.9	.5	7.5
MIDDLE ATLANTIC DIVISION	181	70	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.0	41.6
NEW YORK	63	23	1.3	8.9	1.0	2.0	5.9	17.5	6.7	24.1	2.6	.9	10.0
NEW JERSEY	57	23	1.9	14.0	1.4	3.0	9.2	33.0	33.8	67.7	3.8	1.2	16.7
PENNSYLVANIA	61	24	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.0	14.8

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1967 and 1963–Continued

(See Appendix, Explanation of Terms)

Industry and geographic area[1]	1967											1963	
	Establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)						
3399-- PRIMARY METAL PRODUCTS, NEC--CON.													
NORTH CENTRAL REGION	424	179	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
EAST NORTH CENTRAL DIVISION	379	161	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
OHIO	92	36	2.0	13.9	1.6	3.4	10.0	27.6	8.0	35.6	2.1	[2](D)	[2](D)
INDIANA	41	16	1.2	8.9	.9	1.9	6.4	21.3	14.0	35.1	1.7	[2](D)	[2](D)
ILLINOIS	84	41	3.0	21.6	2.5	5.2	15.6	37.9	17.7	55.4	2.9	[2](D)	[2](D)
MICHIGAN	136	57	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WISCONSIN	26	11	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.5
WEST NORTH CENTRAL DIVISION	45	18	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
MINNESOTA	18	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	3.4
MISSOURI	16	8	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
SOUTH REGION	92	33	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
SOUTH ATLANTIC DIVISION	32	8	.5	3.3	.4	.9	2.3	6.5	4.4	10.9	(D)	(D)	(D)
EAST SOUTH CENTRAL DIVISION	29	12	.7	4.6	.6	1.1	3.5	11.2	19.3	30.3	.8	(D)	(D)
KENTUCKY	6	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
TENNESSEE	12	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	[2](D)	[2](D)
WEST SOUTH CENTRAL DIVISION	31	13	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
TEXAS	21	11	1.2	7.3	1.0	2.1	5.3	14.9	11.4	26.3	1.6	[2](D)	[2](D)
WEST REGION	173	63	3.9	28.3	3.1	6.6	19.8	65.0	24.6	88.8	5.9	1.9	24.3
MOUNTAIN DIVISION	23	8	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
PACIFIC DIVISION	150	55	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
CALIFORNIA	142	54	3.4	24.6	2.7	5.7	17.1	54.7	18.1	72.3	(D)	1.7	21.3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [6]For 1967, over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]General statistics for some producing States have to be withheld to avoid disclosing figures for individual companies. However, for such States, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA - less than 250 employees
BB - 250-499 employees
CC - 500-999 employees
EE - 1,000-2,499 employees
FF - 2,500 employees and over

[2]This State or division was not shown as a separate line in table 2 in the 1963 report for this industry. A footnote to table 2 in the 1963 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1967

Item	Iron and steel forgings (SIC 3391)	Nonferrous forgings (SIC 3392)	Primary metal products, n.e.c. (SIC 3399)
PRIMARY PRODUCT SPECIALIZATION RATIO [1]	.90	.67	.97
COVERAGE RATIO [2]	.72	.54	.85
ESTABLISHMENTS, TOTAL .NUMBER	272	41	959
WITH 1 TO 19 EMPLOYEES .DO	83	10	588
WITH 20 TO 99 EMPLOYEES .DO	89	16	339
WITH 100 EMPLOYEES OR MORE .DO	100	15	32
ALL EMPLOYEES, AVERAGE FOR YEAR 1,000	41.2	10.1	24.7
PAYROLL FOR YEAR, ALL EMPLOYEES MILLION DOLLARS	345.9	87.5	179.4
PRODUCTION WORKERS:			
AVERAGE FOR YEAR 1,000	33.4	7.4	19.7
MARCH .DO	34.6	7.6	19.6
MAY .DO	33.6	7.4	19.9
AUGUST .DO	33.2	7.4	19.9
NOVEMBER .DO	32.1	7.3	19.6
MAN-HOURS .MILLIONS	67.2	16.5	41.4
JANUARY-MARCH .DO	18.1	4.3	10.2
APRIL-JUNE .DO	17.2	4.2	10.3
JULY-SEPTEMBER .DO	15.5	3.9	10.3
OCTOBER-DECEMBER .DO	16.4	4.0	10.5
WAGES MILLION DOLLARS	265.6	61.4	124.5
COST OF MATERIALS, ETC., TOTAL .DO	657.2	178.0	211.0
MATERIALS, PARTS, CONTAINERS, ETC. CONSUMED .DO	589.2	161.2	168.4
COST OF RESALES .DO	10.8	.6	5.4
FUELS CONSUMED .DO	25.3	3.4	13.8
PURCHASED ELECTRIC ENERGY .DO	9.4	3.5	14.2
CONTRACT WORK .DO	22.6	9.4	9.2
VALUE OF SHIPMENTS, INCLUDING RESALES .DO	1 261.6	333.1	578.5
VALUE OF RESALES .DO	12.4	.7	7.0
VALUE ADDED BY MANUFACTURE .DO	607.4	154.4	370.2
MANUFACTURERS' INVENTORIES:			
BEGINNING OF YEAR, TOTAL .DO	211.3	69.4	41.4
FINISHED PRODUCTS .DO	11.6	14.4	13.9
WORK IN PROCESS .DO	73.4	36.8	8.2
MATERIALS, SUPPLIES, FUEL, ETC. .DO	126.3	18.1	19.3
END OF YEAR, TOTAL .DO	200.1	72.2	46.3
FINISHED PRODUCTS .DO	13.0	13.0	16.4
WORK IN PROCESS .DO	74.9	37.6	8.4
MATERIALS, SUPPLIES, FUEL, ETC. .DO	112.2	21.6	21.4
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL .DO	48.4	34.9	38.9
NEW PLANT AND EQUIPMENT, TOTAL .DO	45.0	32.4	35.0
NEW STRUCTURES AND ADDITIONS TO PLANT .DO	10.4	8.8	6.7
NEW MACHINERY AND EQUIPMENT .DO	34.6	23.7	28.3
USED PLANT AND EQUIPMENT .DO	3.4	2.5	3.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (Z) Under 50 thousand (or under 50 employees).

[1] The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

[2] The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. General Statistics, by Employment Size of Establishment: 1967

(See Appendix, Explanation of Terms)

Item	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)	End-of-year inventories (million dollars)
3391-- IRON AND STEEL FORGINGS											
ESTABLISHMENTS, TOTAL	272	41.2	345.9	33.4	67.2	265.6	607.4	657.2	1 261.6	45.0	200.1
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	35	.1	.5	.1	.1	.4	1.0	.9	1.9	1.5	.2
5 TO 9 EMPLOYEES	19	.1	1.0	.1	.2	.8	2.7	1.6	4.3	(D)	.3
10 TO 19 EMPLOYEES	29	.4	2.9	.3	.6	2.1	6.6	3.9	10.5	(D)	.7
20 TO 49 EMPLOYEES	51	1.8	13.7	1.5	3.1	9.9	27.1	29.8	57.2	2.7	6.4
50 TO 99 EMPLOYEES	38	2.7	22.0	2.2	4.8	16.1	48.9	52.7	101.2	2.6	13.2
100 TO 249 EMPLOYEES	63	10.1	81.3	8.2	16.8	60.6	153.0	150.9	300.9	9.0	44.8
250 TO 499 EMPLOYEES	21	7.3	62.2	6.0	11.9	49.1	109.0	118.9	226.8	6.8	30.4
500 TO 999 EMPLOYEES	10	6.5	52.7	5.4	11.3	42.5	90.1	103.5	194.2	4.1	31.6
1,000 TO 2,499 EMPLOYEES	5	12.2	109.6	9.5	18.4	84.1	169.0	195.0	364.7	18.2	72.5
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN.RECORDS[1 e]	27	.1	.4	.1	.1	.3	.8	.8	1.6	(Z)	.2
3392-- NONFERROUS FORGINGS											
ESTABLISHMENTS, TOTAL	41	10.1	87.5	7.4	16.5	61.4	154.4	178.0	333.1	32.4	72.2
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES	2	(Z)	.1	(Z)	(Z)	.1	.2	.2	.4	(Z)	(Z)
5 TO 9 EMPLOYEES[e]	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 TO 19 EMPLOYEES	6	.1	.5	.1	.2	.4	1.0	1.5	2.5	.1	.2
20 TO 49 EMPLOYEES	11	.3	2.8	.3	.6	2.1	11.2	6.4	17.4	5.7	1.7
50 TO 99 EMPLOYEES	5	.4	3.5	.3	.7	2.3	6.9	4.5	11.3	.3	1.2
100 TO 249 EMPLOYEES	9	3.1	25.4	2.4	5.1	18.9	49.6	557.0	105.4	3.7	16.0
250 TO 499 EMPLOYEES	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 TO 999 EMPLOYEES	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1,000 TO 2,499 EMPLOYEES	2	6.1	55.2	4.4	9.9	37.7	85.5	109.9	196.2	22.6	53.0
2,500 EMPLOYEES OR MORE	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
ESTABS. COVERED BY ADMIN.RECORDS[1 e]	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3399-- PRIMARY METAL PRODUCTS, NEC											
ESTABLISHMENTS, TOTAL	959	24.7	179.4	19.7	41.4	124.5	370.2	211.0	578.5	35.0	46.3
ESTABLISHMENTS WITH AN AVERAGE OF-											
1 TO 4 EMPLOYEES[e]	238	.4	3.1	.4	.8	2.2	7.6	2.9	10.5	2.3	1.7
5 TO 9 EMPLOYEES	158	1.1	8.4	.9	1.8	5.5	17.6	6.7	24.2	.9	.9
10 TO 19 EMPLOYEES	192	2.7	19.6	2.1	4.4	13.3	45.4	13.2	58.7	3.9	1.8
20 TO 49 EMPLOYEES	238	7.5	54.0	6.0	12.6	37.3	112.4	48.2	159.7	9.3	8.3
50 TO 99 EMPLOYEES	101	7.1	50.8	5.7	11.8	36.1	103.3	70.2	173.1	10.5	12.6
100 TO 249 EMPLOYEES	27	4.2	31.3	3.3	7.2	21.5	62.6	50.9	111.1	5.5	14.2
250 TO 499 EMPLOYEES	5	1.7	12.2	1.4	2.8	8.7	21.4	19.0	41.3	2.6	6.8
ESTABS. COVERED BY ADMIN.RECORDS[1 e]	222	.5	3.3	.5	.9	2.3	7.7	2.9	10.6	2.2	1.7

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: (D) Withheld to avoid disclosing figures for individual companies. Data for this item are included in the underscored figures above. - Represents zero. (X) Not applicable. (NA) Not available. [e]Over 30 percent of the data for this line was estimated. (Z) Under 50 thousand (or under 50 employees).

[1]Report forms were not mailed to companies that operated only one establishment and which Social Security payrolls indicated had fewer than 10 employees. Actual payrolls (and sales) for 1967 were obtained from administrative records of the Federal Government. The other statistics for these establishments were estimated from industry averages.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1967 and 1963

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio Col. B / Col. B+C (percent)	Total, made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)	Coverage ratio Col. B / Col. F (percent)
		A	B	C	D	E	F	G	H	I
3391	Iron and steel forgings.....1967..	1,261.6	1,110.0	125.0	26.6	90	[1]1,550.7	1,110.0	[1]440.7	72
	1963..	868.9	745.0	87.9	36.0	89	[1]1,075.6	745.0	[1]330.6	69
3392	Nonferrous forgings.....1967..	333.1	187.3	129.7	16.1	67	348.1	187.3	160.8	54
	1963..	165.1	108.4	47.8	9.0	69	198.4	108.4	90.0	55
3399	Primary metal products, n.e.c.....1967..	578.5	502.4	13.7	62.4	97	591.4	502.4	89.0	85
	1963..	284.7	234.4	18.3	32.0	93	270.5	234.4	36.1	87

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [r]Revised.

[1]Includes product class 33129, open die hammer and press forgings made in blast furnaces and steel mills.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1967

In millions of dollars. This table shows where products of an industry (referred to as primary and listed in table 6A) are made and what products are made by establishments classified in an industry. Read down an industry column to find what products are produced in an industry. Read across to determine where the products of the industries in this chapter are produced. To the extent that some of the primary products are made by industries not included in this chapter, the value of such shipments is shown in the "other industries" column. The specific other industries are listed at the end of the table if they account for more than $2 million of the products primary to this chapter.

Product code	Class of products, industry and miscellaneous receipts	All industries	Iron and steel forgings (SIC 3391)	Nonferrous forgings (SIC 3392)	Primary metal products, n.e.c. (SIC 3399)	Other industries
	Total shipments and miscellaneous receipts.....	(X)	1,261.6	333.1	578.5	(X)
3391-	Iron and steel forgings.....	1,550.7	1,110.0	40.9	-	399.8
33911	Drop, upset and press steel forgings (closed die).....	1,048.5	849.0	(D)	-	(D)
33919 / 33129	Open die or smith forgings (open frame, hammer press) produced from purchased materials.....	462.9	223.8	(D)	-	(D)
33910	Iron and steel forgings, n.s.k.....	39.3	37.2	-	-	2.1
3392-	Nonferrous forgings.....	348.1	53.2	187.3	-	107.6
3399-	Primary metal products, n.e.c.....	591.4	-	-	502.4	89.0
33991	Metal powders and paste.....	227.8	-	-	153.1	74.7
33992	Other primary metal products, including nonferrous nails, brads, spikes, and staples.....	43.1	-	-	33.5	9.6
33996	Heat treating of metals for the trade.....	274.9	-	--	274.9	-
33990	Primary metal products, n.e.c., n.s.k.....	45.6	-	-	40.9	4.7
	Other product shipments over $ 2 million by 4-digit product group					
3356	Rolled and drawn nonferrous metals, n.e.c.....	(X)	-	(over 2)	-	(X)
3493	Steel springs.....	(X)	(5-10)	-	-	(X)
3494	Valves and pipe fittings.....	(X)	(20-50)	(over 2)	(under 2)	(X)
3522	Farm machinery.....	(X)	(over 2)	-	-	(X)
3533	Oilfield machinery.....	(X)	(over 2)	(over 2)	-	(X)
3544	Special dies, tools, jigs, and fixtures.....	(X)	11.2	36.0	(under 2)	(X)
3714	Motor vehicle parts and accessories.....	(X)	(over 2)	-	-	(X)
3729	Aircraft equipment, n.e.c.....	(X)	-	(over 2)	-	(X)
	Other products[1].....	(X)	60.6	52.8	13.7	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis--Shipments by Product Class and Industry: 1967--Continued

Product code	Class of products, industry and miscellaneous receipts	All industries	Iron and steel forgings (SIC 3391)	Nonferrous forgings (SIC 3392)	Primary metal products, n.e.c. (SIC 3399)	Other industries
	Other product shipments over $ 2 million by 4 digit product group--Continued					
	Miscellaneous receipts	(X)	26.6	16.1	62.4	(X)
93000	Contract work	(X)	4.9	0.3	48.9	(X)
99980	Sales of scrap and refuse	(X)	8.0	-	1.1	(X)
99980	Receipts for repair work	(X)	.3	15.1	-	(X)
99980	Other miscellaneous receipts	(X)	1.0	-	5.4	(X)
99989	Resales	(X)	12.4	0.7	7.0	(X)

Product code	Class of products, industry and miscellaneous receipts	Other industries	Product dode	Class of products, industry and miscellaneous receipts	other industries
	Listing of the other industries with over $2 million shipments of the primary products			Listing of the other industries with over $2 million shipments of primary products--Continued	
3391	3312 Blast furnace and steel mill products	32.9	3392	3351 Rolled and drawn copper	19.1
	3323 Steel castings	6.1		3352 Rolled and drawn aluminum	38.0
	3423 Hand and edge tools, n.e.c	3.1		3461 Metal stampings	17.7
	3443 Fabricated plate work (boiler shop products)	5.5		3494 Valves and pipe fittings	12.5
	3461 Metal stampings	6.9	3399	3312 Blast furnace and steel mill products	8.8
	3494 Valves and pipe fittings	5.7		3317 Steel pipe and tubes	(over 2)
	3522 Farm machinery	(over 2)		3333 Primary zinc	(over 2)
	3531 Construction machinery	(5-10)		3334 Primary aluminum	(over 2)
				3339 Primary nonferrous metals, n.e.c	2.0
	3544 Special dies, tools, jigs, and fixtures	(over 2)		3356 Rolled and drawn nonferrous metals, n.e.c	15.8
	3711 Motor vehicles	13.3		3357 Nonferrous wiredrawing and insulating products	(2-5)
	3714 Motor vehicle parts and accessories	83.1		3545 Machine tool accessories	10.6
	3742 Railroad and street cars	6.4		3694 Engine electrical equipment	9.7

Note: Data shown parenthetically are ranges expressed in millions of dollars. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]Includes, where appropriate, values for those 4-digit product groups for which either the symbol "D" or a value range, e.g. (2-5), (under 2), etc. appear above.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
3391- --	IRON AND STEEL FORGINGS, TOTAL	(NA)	[1]1,550.7	(NA)	1,075.6
33911 --	Drop, upset, and press steel forgings (closed die)[2]	(X)	1,048.5	(X)	764.8
33911 11	Carbon steel	1,312.0	560.4	993.9	393.8
33911 31	Alloy steel, except stainless	722.6	432.2	567.0	324.6
33911 51	Stainless steel	10.9	42.6	8.5	34.8
33911 00	Drop, upset, and press steel forgings, not specified by grade	(X)	13.3	(X)	11.6
33919 -- / 33129 --	Open-die hammer and press forgings[2]	(X)	462.9	(X)	294.4
33129 --	Made in steel works (industry 3312)	(NA)	208.6	(NA)	120.7
33919 --	Made in steel forgings (industry 3391) and other industries	(NA)	254.3	(NA)	173.7
	Open-die hammer forgings:				
33129 21 / 33919 21	Carbon steel	140.6	58.5	118.9	52.5
33129 23 / 33919 22	Alloy steel (except stainless)	60.9	65.1	52.0	58.5
33129 23	Made in industry 3312	11.2	11.6	12.5	19.5
33919 22	Made in industry 3391 and other industries	49.7	53.5	39.5	38.9
33129 25 / 33919 23	Stainless steel	8.6	21.8	4.1	10.2
	Open-die press forgings:				
33129 61 / 33919 41	Carbon steel	164.6	74.1	127.2	45.6
33129 61	Made in industry 3312	46.5	24.7	21.3	11.1
33919 41	Made in industry 3391 and other industries	118.1	49.4	105.8	34.4
33129 63 / 33919 42	Alloy steel, except stainless	266.4	213.7	130.0	101.1
33129 63	Made in indsutry 3312	150.1	152.3	49.8	52.5
33919 42	Made in industry 3391 and other industries	116.3	61.4	80.2	48.6
33129 65 / 33919 43	Stainless steel	5.6	9.4	2.5	5.1
33129 00 / 33919 00	Open-die hammer and press forgings, not specified by grade	(X)	20.3	(X)	21.4
33910 00	Iron and steel forgings, n.s.k. (For establishments with 10 or more employees in 1967. See Note.)	(X)	37.7	(X)	16.4
33910 02	Iron and steel forgings, n.s.k. (For establishments with fewer than 10 employees in 1967. See Note.)	(X)	1.6		
3392- --	NONFERROUS FORGINGS, TOTAL	(X)	348.1	(X)	198.4
33920 11	Copper and copper-base alloy	28.4	54.9	30.3	44.9
	Aluminum and aluminum-base alloy:				
33920 33	Closed-die	62.6	158.5	34.8	89.8
33920 35	Open-die	16.2	31.6	5.3	9.7
33920 51	Magnesium and magnesium-base alloy	0.2	2.0	0.3	2.3
33920 61	Titanium and titanium-base alloy	5.5	61.2	2.2	33.0
33920 98	Other nonferrous metal forgings	(X)	35.5	(X)	15.9
33920 00	Nonferrous forgings, n.s.k. (For companies with 10 or more employees. See Note.)	(X)	4.0	(X)	2.8
33920 02	Nonferrous forgings, n.s.k. (For companies with less than 10 employees. See Note.)	(X)	0.4		

See footnotes at end of table.

TABLE 6A. Products and Product Classes–Quantity and Value of Shipments by All Producers: 1967 and 1963–Continued

(Includes quantity and value of the products reported not only by establishments classified in this industry, but also by establishments classified in other industries, and shipping these products as "secondary" products. See Appendix, Explanation of Terms, "Value of shipments")

Product code	Product	Total shipments including interplant transfers			
		1967		1963	
		Quantity (1,000 short tons)	Value (million dollars)	Quantity (1,000 short tons)	Value (million dollars)
3399- --	PRIMARY METAL PRODUCTS, N.E.C., TOTAL	(X)	591.4	(X)	270.5
33991 --	Metal powders and paste	(X)	227.8	(X)	106.8
33991 11	Aluminum and aluminum-base alloy[3]	[4]116.4	84.3	[4]23.3	24.9
33991 33	Copper and copper-base alloy[5]	[6]24.5	31.1	[6]25.5	26.4
33991 55	Iron and steel	[7]130.6	37.4	[7]59.9	15.8
33991 98	Other nonferrous powders	(X)	59.4	(X)	37.9
33991 00	Metal powders and paste, not specified by type	(X)	15.6	(X)	1.9
33992 --	Other primary metal products, including nonferrous nails, brads, spikes, and staples	(X)	43.1	(X)	11.2
33992 11	Nonferrous nails, brads, tacks, and staples	7.8	7.6	4.5	4.3
33992 98	Other primary metal products, n.e.c.	(X)	35.5	(X)	7.0
33992 00	Primary metal products, n.s.k.				
33996 11	Heat treating of metal for the trade (heat treating, pickling, annealing, etc.)[8]	(X)	274.9	(X)	140.3
33990 00	Primary metal products, n.e.c., n.s.k. (For establishments with 10 employees or more. See Note.)	(X)	35.3	(X)	12.1
33990 02	Primary metal products, n.e.c., n.s.k. (For establishments with fewer than 10 employees. See Note.)	(X)	10.3		

Note: In the 1967 Census of Manufactures, data for establishments of small companies, typically those with fewer than 10 employees, were estimated from administrative records rather than collected from respondents. These estimated shipments which are further discussed in the text are included in the code ending with "002." Such establishments were usually mailed a "short form" in the 1963 Census of Manufactures. These short forms typically provided for coding products to the product class level (5 digits) followed by "00" rather than only to the 4-digit level followed by "000." Therefore, the 1963 "n.s.k." (000) figure is not strictly comparable to the total of the two "n.s.k." (000 and 002) figures in 1967. In addition to the 1967 "n.s.k." (code 002) resulting from the above, in both the 1967 and 1963 censuses of manufactures, products which were not completely identified on the standard forms were coded to the appropriate product class code (5 digits) followed by "00," or in some cases to the appropriate product group code (4 digits) followed by "000."

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated.

[1]Includes product class 33129, open die hammer and press forgings made in blast furnaces and steel mills.

[2]These figures are not strictly comparable with tonnage figures shown in Current Industrial Reports Series MA-33C, Commercial Steel Forgings, in that the latter include only forgings for sale, whereas the 1967 and 1963 Census of Manufactures also include interplant transfers of forgings. Accordingly, a direct comparison with the Current Industrial Reports Series is not possible. Forgings produced and consumed are not included in either the census or the Current Industrial Reports figures. The annual totals in the Current Industrial Reports survey for commercial steel forgings were as follows:

Item	1967 (1,000 short tons)	1963 (1,000 short tons)
Closed die (drop, upset, and press) forgings:		
Carbon	1,010.8	785.3
Alloy, including stainless	524.5	391.3
Open die hammer and press forgings:		
Carbon	187.9	156.1
Alloy, including stainless	211.9	219.9

[3]Monthly figures are also shown in Current Industrial Reports Series M33-2, Aluminum Ingot and Mill Products.

[4]Represents aluminum content.

[5]Quarterly figures are also shown in Current Industrial Reports Series BDSAF-84, Shipments of Copper-Base Mill and Foundry Products.

[6]Represents copper content.

[7]Represents iron content.

[8]Consists almost exclusively of receipts for work done on materials owned by others. Includes only work done by establishments classified in industry 3399.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963

In millions of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. Product class values for some States are withheld to avoid disclosing figures for individual companies. Such States are shown with a value range.

Product class and geographic area	Value of shipments	
	1967	1963
DROP, UPSET, AND PRESS STEEL FORGINGS (CLOSED DIE) (33911)		
United States	1,048.5	764.8
Northeast Region	195.0	118.4
New England Div.	77.4	41.6
Maine	CC	(D)
Massachusetts	64.0	35.5
Rhode Island	BB	(1)
Connecticut	BB	(1)
Middle Atlantic Div.	117.6	76.8
New York	FF	(1)
New Jersey	CC	(1)
Pennsylvania	71.3	43.7
North Central Region	774.4	(D)
East North Central Div.	GG	584.1
Ohio	143.3	123.0
Indiana	GG	75.7
Illinois	155.7	114.7
Michigan	250.5	194.3
Wisconsin	107.4	76.3
West North Central Div.	EE	(D)
Missouri	EE	(1)
South Region	49.4	(D)
East South Central Div.	EE	(D)
Kentucky	EE	(1)
Tennessee	4.7	(1)
West South Central Div.	FF	(D)
Oklahoma	BB	(1)
Texas	FF	(1)
West Region	29.6	(D)
Pacific Div.	29.6	19.5
Washington	BB	(D)
Oregon	AA	(D)
California	FF	(1)
OPEN DIE HAMMER AND PRESS FORGINGS (33129 and 33919)		
United States	463.0	294.4
Northeast Region	280.2	176.8
New England Div.	EE	(D)
Massachusetts	AA	1.4
Middle Atlantic Div.	GG	(D)
New York	12.7	17.2
New Jersey	CC	(1)
Pennsylvania	249.3	147.1
North Central Region	122.6	94.5
East North Central	GG	(D)
Ohio	67.8	43.4
Indiana	EE	(1)
Illinois	18.9	15.8
Michigan	CC	27.3
Wisconsin	EE	(1)
South Region	27.3	5.6
South Atlantic Div.	BB	(D)
Georgia	BB	(D)

Product class and geographic area	Value of shipments	
	1967	1963
OPEN DIE HAMMER AND PRESS FORGINGS (33129 and 33919)--Continued		
South Region--Continued		
East South Central Div.	AA	(D)
Kentucky	AA	(D)
West South Central Div.	FF	(D)
Louisiana	AA	(D)
Texas	FF	4.1
West Region	32.8	17.4
Pacific Div.	FF	(D)
Washington	CC	(1)
California	22.9	15.0
NONFERROUS FORGINGS (33920)		
United States	348.1	198.4
Northeast Region	85.7	68.6
New England Div.	46.1	34.2
Massachusetts	FF	(1)
Connecticut	EE	(1)
Middle Atlantic Div.	39.7	34.4
New York	BB	(1)
New Jersey	BB	(1)
Pennsylvania	31.9	(1)
North Central Region	GG	(D)
East North Central	119.1	82.9
Ohio	GG	(1)
Indiana	EE	(1)
Illinois	15.4	(1)
Michigan	17.1	22.2
Wisconsin	EE	(1)
West North Central	AA	(D)
Missouri	AA	(D)
South Region	FF	(D)
East South Central	AA	(D)
Kentucky	AA	(1)
West South Central Div.	FF	(D)
Texas	FF	(1)
West Region	104.2	29.3
Pacific Div.	104.2	29.3
California	104.2	29.3
METAL POWDERS AND PASTE (33991)		
United States	227.8	106.8
Northeast Region	103.4	56.9
New England Div.	17.2	8.3
Massachusetts	CC	(D)
Connecticut	EE	(D)
Middle Atlantic Div.	86.2	48.6
New York	5.3	4.1
New Jersey	47.0	25.6
Pennsylvania	33.9	18.9

See footnotes at end of table.

TABLE 6B. Product Classes-Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1967 and 1963—Continued

Product class and geographic area	Value of shipments	
	1967	1963
METAL POWDERS AND PASTE (33991)--Continued		
North Central Region	59.6	28.7
East North Central Div	54.9	27.5
Ohio	EE	(1)
Indiana	CC	7.4
Illinois	6.3	3.1
Michigan	22.7	10.1
Wisconsin	BB	(D)
West North Central Div	4.8	1.2
Missouri	BB	(1)
Kansas	AA	(D)
South Region	46.6	15.6
South Atlantic Div	AA	(D)
Virginia	AA	(D)
METAL POWDERS AND PASTE (33991)--Continued		
South Region--Continued		
East South Central Div	FF	(D)
Kentucky	EE	(1)
Tennessee	EE	(1)
Alabama	AA	(D)
West South Central Div	FF	(D)
Oklahoma	BB	(D)
Texas	EE	(D)
West Region	18.3	5.5
Mountain Div	7.8	(D)
Arizona	BB	(D)
Nevada	BB	(1)
Pacific Div	10.4	(D)
Washington	AA	(D)
California	CC	2.1

Note: Product class shipments of $1 million or more were reported but exact figures are withheld to avoid disclosing figures for individual companies. However, for such States, the values are shown in the following ranges:

Value ranges (million dollars)	Symbol	Value ranges (million dollars)	Symbol
Less than $2.0	AA	$10.0 to $20.0	EE
$2.0 to $5.0	BB	$20.0 to $50.0	FF
$5.0 to $10.0	CC	$50.0 and over	GG

Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6C. Product Classes– Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958, 1963 to 1967

(In millions of dollars)

Code	Product class	1967	1966[1]	1965[1]	1964[1]	1963	1958	1954	1947
3391-	Iron and steel forgings[2]	1,550.7	1,506.6	1,364.8	1,234.4	1,075.6	782.7	704.6	439.6
33911	Drop, upset and press steel forgings (closed die)	1,048.5	1,085.7	968.1	861.6	764.8	535.3	513.9	296.4
33919	Open-die forgings[2] (open frame hammer or press) produced from purchased materials	462.9	410.0	376.9	351.9	294.4	234.6	188.3	128.0
33910	Iron and steel forgings, n.s.k.	39.3	(10.9)	(19.8)	20.9	16.4	12.7	2.5	15.2
33920	Nonferrous forgings	348.1	334.1	236.7	214.9	198.4	132.0	112.4	29.4
3399-	Primary metal products, n.e.c.	591.4	407.9	344.0	314.5	270.5	150.5	(NA)	(NA)
33991	Metal powders and paste	227.8	177.9	137.6	135.1	106.8	55.1	50.3	19.3
33992	Other primary metal products, including nonferrous nails, brads, spikes, and staples	43.1	19.0	18.0	28.0	11.2	2.1	5.4	(NA)
33996	Heat treating of metal for the trade	274.9	187.6	167.8	145.2	140.3	85.3	(NA)	(NA)
33990	Primary metal products, n.e.c., n.s.k.	45.6	(23.4)	(20.6)	6.2	12.1	8.1	2.0	(NA)

Note: See "Note" to table 6A for an explanation of "n.s.k." product classes. Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations. See Appendix, Explanation of Terms.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1]These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses for the value of shipments either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, at the individual product level, the estimates may be of limited reliability; however, they may be combined with other product-class totals into broader aggregates which are of acceptable reliability.

[2]Includes total for product class 33129, Press and hammer steel forgings (made in steel mills), which is primary to industry 3312.

TABLE 7A. Materials Consumed, by Kind: 1967 and 1963

(See Appendix, Explanation of Terms)

Code	Material	Unit of measure	1967		1963	
			Quantity	Delivered cost (million dollars)	Quantity	Delivered cost (million dollars)
	INDUSTRY 3391.--IRON AND STEEL FORGINGS					
	Materials, containers, and supplies, total	.....	(X)	589.2	(X)	408.3
	Carbon steel:					
331041	Ingots	1,000 short tons	116.8	15.3	12.5	1.5
331042	Blooms, billets, and slabs	...do.....	379.7	52.5	378.1	52.9
331043	Bars	...do.....	933.9	145.7	577.9	96.5
	Alloy steel (except stainless):					
331044	Ingots	...do.....	16.2	3.8	19.0	4.2
331045	Blooms, billets, and slabs	...do.....	225.5	68.5	182.2	53.9
331046	Bars	...do.....	414.9	100.7	351.5	85.2
	Stainless steel:					
331047	Ingots	...do.....	0.3	0.5	1.0	1.4
331048	Blooms, billets, and slabs	...do.....	13.6	15.6	7.8	8.7
331049	Bars	...do.....	6.0	7.7	6.3	7.4
	Aluminum and aluminum-base alloy:					
333471	Ingot	...do.....	0.5	0.4	(1)	(1)
335208	Mill shapes	Million lbs.....	4.5	2.3	3.1	1.9
	Titanium and titanium-base alloy:					
335600	Ingot	...do.....	17.8	42.4	3.9	10.9
335601	Mill shapes	...do.....				
970099	All other materials, and components, parts, containers, and supplies consumed	.....	(X)	78.7	(X)	68.7
976000	Materials, n.s.k.[3]	.....	(X)	55.1	(X)	15.0
	INDUSTRY 3392.--NONFERROUS FORGINGS					
	Materials, containers, and supplies, total	.....	(X)	161.2	(X)	85.3
	Carbon steel:					
331041	Ingots	1,000 short tons				
331042	Blooms, billets, and slabs	...do.....				
331043	Bars	...do.....				
	Alloy steel (except stainless):					
331044	Ingots	...do.....				
331045	Blooms, billets, and slabs	...do.....	37.2	18.7	23.8	13.1
331046	Bars	...do.....				
	Stainless steel:					
331047	Ingots	...do.....				
331048	Blooms, billets, and slabs	...do.....				
331049	Bars	...do.....				
335129	Copper and copper-base alloy forging stock	Million lbs.....	18.2	8.5	(NA)	(NA)
	Aluminum and aluminum-base alloy:					
333471	Ingots	1,000 short tons	(1)	(1)	(1)	(1)
335208	Mill shapes	Million lbs.....	88.3	46.8	66.8	26.1
	Titanium and titanium-base alloy:					
335600	Ingots	...do.....	2.9	9.2	1.5	5.0
335601	Mill shapes	...do.....				
970099	All other materials and components, parts, containers, and supplies consumed	.....	(X)	73.9	(X)	40.3
976000	Materials, n.s.k.[2]	.....	(X)	4.1	(X)	0.8

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. [e]From 10 to 30 percent of this figure was estimated.

[1]The value for this material is included with material code 970099, "All other materials and components, parts, containers, and supplies consumed," to avoid disclosing operations of individual companies.

[2]This item represents the total cost of materials for establishments that did not report detailed materials data. For 1967, this includes estimates for companies that were not mailed report forms.

TABLE 7B. Fuels and Electric Energy Consumed: 1967

(See Appendix, Explanation of Terms)

Code	Item	Unit of measure	Iron and steel forgings (SIC 3391)	Nonferrous forgings (SIC 3392)	Primary metal products, n.e.c. (SIC 3399)
	Cost of purchased fuels and electric energy, total...	Million dollars.	34.7	6.9	28.0
	Cost of purchased fuels, total.....	...do.....	25.3	3.4	13.8
121005	Coal (anthracite, bituminous, and lignite):				
	Quantity.....	1,000 short tons	366.3	46.3	4.2
	Cost.....	Million dollars.	2.9	0.2	0.1
331212 331213	Coke, screenings, and breeze:				
	Quantity.....	1,000 short tons	0.3	-	-
	Cost.....	Million dollars.	-	-	-
	Fuel oil, total:				
	Quantity.....	1,000 barrels...	1,870.0	109.5	185.2
	Cost.....	Million dollars.	7.1	0.3	0.8
291141	Distillate:				
	Quantity.....	1,000 barrels...	1,018.0	60.7	104.5
	Cost.....	Million dollars.	4.2	0.2	0.4
291151	Residual:				
	Quantity.....	1,000 barrels...	852.0	48.8	80.7
	Cost.....	Million dollars.	2.9	0.1	0.4
131300 331217 331218 291104	Gas (natural, manufactured mixed, blast-furnace, coke-oven, and other gas):				
	Quantity.....	Million cu. ft..	22.4	3.6	14.0
	Cost.....	Million dollars.	12.1	2.6	8.4
291111 960011 960013 960017	Other fuels (gasoline, LPG, wood, etc.).....	...do.....	0.5	0.2	0.5
	Fuels, n.s.k.....	...do.....	2.8	0.3	3.9
	Purchased electric energy:				
	Quantity.....	Million kw.-hrs.	745.9	360.8	851.6
	Cost.....	Million dollars.	9.4	3.5	14.2
	Quantity of electric energy generated less quantity sold.....	Million kw.-hrs.	8.4	-	1.8
	Total energy used for heat and power[1].....	Million kw.-hrs. equivalent.....	15,527.6	3,150.8	8,147.6

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

[1] Represents the quantity of purchased electric energy and the kilowatt hours equivalent of all fuels used for heat and power.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1967

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization–the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization–the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See appendix for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as separate class. In addition, data may not be shown, for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees: Number (1,000)	All employees: Payroll (million dollars)	Production workers: Number (1,000)	Production workers: Man-hours (millions)	Production workers: Wages (million dollars)	Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	Capital expenditures, new (million dollars)
3391	IRON AND STEEL FORGINGS										
	ENTIRE INDUSTRY	272	41.2	345.9	33.4	67.2	265.6	607.4	657.2	1 261.6	45.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	251	31.8	266.6	26.3	53.3	208.6	478.7	519.2	993.9	33.7
33911	DROP, UPSET AND PRESS STEEL FORGINGS (CLOSED DIE)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	133	31.8	262.8	25.8	51.5	203.1	450.4	483.6	932.8	26.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	114	20.4	167.0	17.0	34.6	131.9	292.0	319.4	609.4	14.7
33919	OPEN-DIE FORGINGS MADE FROM PURCHASED MATERIALS										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	65	6.4	56.2	5.0	10.4	40.9	113.9	114.4	226.3	14.9
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	55	5.4	47.8	4.2	8.8	35.0	96.5	93.2	187.3	13.1
3392	NONFERROUS FORGINGS										
	ENTIRE INDUSTRY	41	10.1	87.5	7.4	16.5	61.4	154.4	178.0	333.1	32.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	28	3.6	31.8	2.7	6.1	23.5	52.4	79.0	132.8	10.6
3399	PRIMARY METAL PRODUCTS, NEC										
	ENTIRE INDUSTRY	959	24.7	179.4	19.7	41.4	124.5	370.2	211.0	578.5	35.0
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	876	21.7	157.8	17.3	36.3	108.7	328.6	190.9	516.9	28.2
33991	METAL POWDERS AND PASTE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	68	3.6	26.5	2.6	5.6	17.1	67.4	95.6	161.1	8.4
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	61	3.2	23.7	2.3	4.9	15.2	62.0	89.5	149.5	6.7
33992	OTH. PRIMARY MET. PRODS. (NAILS, SPIKES, STAPLES)										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	39	1.5	9.8	1.1	2.3	6.2	19.6	17.0	36.5	1.7
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	31	1.1	7.0	.8	1.7	4.6	16.4	11.3	27.8	1.4
33996	HEAT TREATING OF METAL FOR THE TRADE										
	(PRIMARY PRODUCT CLASS OF ESTABLISHMENT)	462	15.4	113.8	12.3	26.3	79.7	221.1	74.9	295.4	17.8
	ESTABLISHMENTS WITH 75% OR MORE SPECIALIZATION	443	14.5	107.4	11.6	24.8	75.1	209.3	68.7	277.5	16.5

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands (rather than rounding) in computer operations.

Standard notes: - Represents zero. (X) Not applicable. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 9. Establishments and Production Workers for Selected Metalworking Operations: 1967

(To be published in separate subject chapter titled "Selected Metalworking Operations.")

Appendix A

EXPLANATION OF TERMS

Employment and Payrolls.—The census of manufactures provides information on employment and payrolls at operating establishments and central administrative offices and auxiliaries. On the standard forms for manufacturing establishments, the number of production workers by quarter and all other employees during the pay period including March 12 was requested. Form NC-X6, "Central Administrative Offices and Auxiliaries" called for employment as of March 12 only. Both forms called for salaries and wages paid for the year.

All Employees.—This category comprises all full-time and part-time employees who worked or received pay for any part of the pay periods including the 12th of the months specified on the report forms. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. Officers of corporations are included as employees; proprietors and partners of unincorporated firms, however, are excluded.

In special cases, respondents were instructed to exclude agricultural or fishery employment and related data from their reports. These were sugar mills operated as part of plantations, canning or freezing plants operated in conjunction with farms, and fish processing plants engaged in fishing.

Production and Related Workers.—This category comprises workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (for example, power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level were excluded from this category.

All Other Employees.—These are defined as nonproduction personnel, including employees engaged in the following activities: Factory supervision above the working foreman level, sales (including driver-salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical. Also included are employees on the payroll engaged in the construction of major additions or alterations to the plant and utilized as a separate work force.

Average Employment.—The number of production workers as shown in the census tabulations is an average of the four quarterly figures reported by manufacturing plants. The "all employees" figure is the sum of this average and the reported number of other employees as of March 12.

Payrolls.—This category includes the gross annual earnings of employees on the payroll. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. This definition includes all forms of compensation such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and saving bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of Armed Forces and pensioners carried on the active payroll.

The 1967 census definition of payrolls is identical to that recommended to all Federal statistical agencies by the Bureau of the Budget. This definition does not include supplementary labor costs such as employer's Social Security contributions and other legally required expenditures, or payments for voluntary programs. Data on such supplementary labor costs were collected in the ASM and are scheduled for publication in the ASM reports, but are not included in the census volumes.

Man-Hours.—This total consists of all plant man-hours of production and related workers as defined above. It represents all man-hours at the plant including actual overtime hours, not straight-time equivalent hours. It excludes hours paid for vacations, holidays, or sick leave, when the employee was not actually at the plant. Where employees elected to work during the vacation period, the actual hours worked by such employees were reported.

Cost of Materials, etc., Consumed.—A summary inquiry on form MA-100 and the other manufacturing establishment report forms requested information on the cost of materials, supplies, semifinished goods, fuels, and electric energy actually consumed or put into production during the year and the cost of products purchased for resale, whether purchased, withdrawn from inventories, or received from other establishments of the company. Included also are the costs of materials supplied by the establishment which were processed elsewhere on contract for the establishment. "Cost" was defined as the direct charges actually paid or payable for items consumed or put into production during the year, after discounts, and including freight charges and other direct charges incurred by the establishment in acquiring the materials.

To arrive at the industry total "cost of materials, etc."[1] separate figures were obtained for (a) the total delivered cost of all raw materials, semifinished goods, parts, components, containers, scrap, and supplies consumed or put into production, (b) the amount paid for

[1] In some tables this category is designated simply as "cost of materials."

electric energy purchased; (c) the amount paid for all fuels consumed for heat, power, or the generation of electricity; (d) the cost of work done by others on materials or parts furnished by the reporting establishment (contract work); and (e) the cost of products bought and resold in the same condition.

It should be noted that the cost of fuel consumed under "(c)" above does not include fuel used as a material in the manufacturing process; for example, coal used in the production of coke. Such costs are included with other materials cost in category "(a)" above.

The total excludes the cost of services used, such as advertising, insurance, telephone, etc., and developmental, research, and consulting services of other establishments. It also excludes overhead costs, such as depreciation charges, rent, interest, royalties, etc., and materials, machinery, and equipment used in plant expansion or capitalized repairs which are chargeable to fixed assets accounts.

For materials received from other plants of the same company or from a central materials depot (whether at the same or different physical location), respondents were asked to value the items at their full economic value as produced, plus freight and other direct handling charges. The respondents were asked to check, where possible, that the cost equaled the value of shipments reported for the items by the company's plant which produced and transferred the goods, plus freight and other direct charges.

Value of Shipments.—Except in a few industries, the respondents were instructed to report net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. For a few industries, specifically noted in the text of the industry chapters, Volume II, delivered prices were requested if delivery by employees of the establishment was a routine practice, as in the milk and bakery industries.

For most industries, value of shipments is readily available from accounting records and is closely related to the value of production. In a small group of industries, however, value of production or of work done was requested. This instruction was of particular importance in the aircraft and shipbuilding industries, where the shipments or deliveries of complete units may be a poor approximation of the work actually done during a given year.

Manufacturers were asked to include as products shipped, not only the products made in the establishment but also those made elsewhere under contract from the materials owned by the establishment. Included were all products sold, transferred to other parts of the same company, or shipped on consignment. The duplication in value of shipments and cost of materials arising because of the shipment of semifinished products among manufacturing plants is discussed in Part III of the Introduction, which also includes comments on the valuation of intracompany shipments by multiunit firms.

Miscellaneous Receipts.—In addition, manufacturers reported receipts for contract work performed for others, resales (that is, the value of all products resold without further processing), receipts for miscellaneous activities such as sale of scrap and refuse, and the value of installation and repair work performed by the plant employees. Although the value of products bought and resold without further processing is included in the value of shipments totals for each industry, it is excluded from the figures for individual products or classes of products.

Value Added by Manufacture.—This figure is derived by subtracting the total cost of materials (including materials, supplies, fuel, electric energy, cost of resales and contract work done by others) from the value of shipments including resales, and other receipts and adjusting the resulting amount by the net change in finished products and work-in-process inventories between the beginning and end of the year.[2]

Value added avoids the duplication in the value of shipments figure which results from the inclusion of the shipments of establishments producing materials and components along with the shipments of establishments producing finished products. It is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Inventories.—The value of beginning-of-year and end-of-year inventories held by each manufacturing establishment was obtained in the 1967 census. Separate inventory figures were requested for (1) finished products; (2) work in process; and (3) materials, supplies, fuel, and other inventories.

Respondents were asked to report their inventories at approximate current costs if feasible; otherwise, at book value. Since different methods of inventory valuation are used (LIFO, FIFO, etc.), the value of inventories aggregated for all establishments in an industry is not precisely defined. The importance of reporting inventories on a comparable basis was emphasized in the instructions; thus the year-to-year change in inventories indicated by the census figures is of more significance than their level.

In using inventory data by stage of fabrication for all industries and at the 2-digit industry level, it should be noted that an item treated as a finished product by one establishment may be reported as a material by another establishment. For example, the finished product inventories of a steel mill would be reported as materials by a stamping plant. Such differences are present in the inventroy figures by stage of fabrication for individual industries, industry groups, and all manufacturing, since these figures are merely aggregates of the figures reported by establishments.

Multiunit companies were instructed to include the inventories held by each establishment in that establishment's report. The inventory data tabulated on a geographic basis are believed, therefore, to reflect the actual physical holdings in each area, to the extent that the inventories were owned by the reporting companies. It is

[2] For a few industries (for example, aircraft, shipbuilding) where value of work done is substituted for value of shipments, no adjustment is made for change in inventories. In a few other industries where value of production is collected, the inventory adjustment is made only on the basis of change in work-in-process inventories.

not clear where goods owned by one company and stored by another were reported.

Special instructions on inventories were issued for two industries in the food group. Meatpacking establishments were told to report work in process separately only if separate records were maintained, otherwise to combine work in process with finished products. Distillers were instructed to include stocks of liquors held for aging as finished products, not as work in process.

Capital Expenditures.—Under this heading, manufacturers were instructed to report expenditures of the type chargeable to fixed assets accounts, for which depreciation reserves are normally maintained. Actual capital outlays during the year were requested, not the final value of equipment put in place or structures completed during the year. It was suggested to the respondents that capital expenditures, as thus defined, could be computed by the following formula: The cost of additions completed during the year, plus construction in progress at the end of the year, less construction in progress at the beginning of the year. It was specified that the census definition of capital expenditures was to be used in computing the gross value of fixed assets discussed below.

Capital expenditures include the cost of plant and equipment for replacement purposes, as well as for additions to productive capacity. Costs associated with plants under construction but not in operation during the year are also included. The method of collecting data for plants under construction is described in the Introduction, Section 7, "Reporting Forms." Capital expenditures do not include plant and equipment furnished to the manufacturer without charge by governmental or private organizations. The value of rented facilities is also excluded.

New Structures and Additions to Plant.—This category includes all construction and other land improvements, whether built on contract or by the manufacturer's own labor force. Included are major alterations; capitalized repairs; new elevators, cranes, heating and air-conditioning equipment essentially a part of buildings; fixed structures such as blast furnaces, brick kilns, fractionating towers, and shipways; and land improvements such as roads, fences, parking lots, and railroad spurs.

New Machinery and New Equipment.—This category includes production and all other machinery and equipment. Included are motors, lathes, presses, looms, and other production machinery; office machines and fixtures; furniture; automobiles, trucks, and handling equipment. Major repairs or improvement to existing equipment are included if the cost is capitalized, as well as equipment manufactured by the plant for use in its own production.

Used Plant and Equipment.—This category represents expenditures for old or existing plants and for secondhand equipment acquired from others. Transfers of used equipment between plants of multiunit companies are included. The companies were instructed to report such transfers at their current value rather than original cost. The Census Bureau estimates of capital expenditures as compared to those published in the joint Office of Business Economics-Securities and Exchange Commission survey are discussed in the Introduction.

Fuels and Electric Energy.—Separate data were collected in the census for coal, coke, fuel oil, gas, and other fuels used for heat and power; purchased electric energy, electric energy generated by manufacturing establishments; and energy generated less the amount sold. Fuels used as a raw material (as coal in the production of coke) are included in the cost of materials rather than in the fuel category.

Assets and Rents.—Data on the gross value of fixed assets owned and rental payments for leased fixed assets were collected in the ASM. These figures are scheduled for publication in the ASM series, but are not included in the census volumes.[3]

[3]Earlier reports on these topics include chapter 9 of Volume I, Summary Statistics, in the 1958 census, and chapter 7 of the ASM Volume for 1964-65.

Appendix B

INDUSTRY DESCRIPTIONS

This appendix is included in Volume I, Summary and Subject Statistics, and in Volume III, Area Statistics, but has been omitted from this volume. The appendix shows the industry descriptions for each industry. In this volume, these descriptions are shown in the text preceding the tables in each industry chapter.

Appendix C

COMPOSITION OF INDUSTRIES IN THE 1967 STANDARD INDUSTRIAL CLASSIFICATION

The censuses of manufactures for 1967 and 1963 covered all establishments engaged in manufacture as defined, respectively, in the **Standard Industrial Classification Manual (SIC)**, 1967 edition, and 1957 edition, as amended, issued by the Bureau of the Budget. The 1967 edition contained minor revisions in the SIC Manual for the manufacturing industries additional to those issued between 1957 and 1963.

Most of the manufacturing industries as defined in 1963 remained, without change, for 1967. In view of the minor nature of the revision, this appendix cites only those industries affected by a revision between 1963 and 1967. Presented in two parts, this appendix lists, in part 1, the industries as defined for 1967 in terms of their 1963 equivalents and, in part 2, the industries of 1963 in terms of their 1967 equivalents. No data for either year are presented. Comparability between the two census years is such that data from one year may be readily compared to data in the other year by making the industry combinations shown below. Titles of industries for either year are as published in the respective Census volumes for 1967 and 1963.

Part 1. Comparability of 1967 SIC Industries to 1963 SIC Industries, Where Revisions Occurred to 1963 Industries

Industry code	1967 title	Industry code	1963 title
2815	Cyclic intermediates and crudes	2814 2815	Cyclic (coal tar) crudes Intermediate coal tar products
3573 3574	Electronic computing equipment Calculating and accounting machines	3571	Computing and related machines
3711[1] 3714	Motor vehicles Motor vehicle parts and accessories	3717[2]	Motor vehicles and parts
3729[3]	Aircraft equipment, n.e.c.	3723 3729	Aircraft propellers and parts Aircraft equipment, n.e.c.
3991	Brooms and brushes	3981	Brooms and brushes
3994	Morticians' goods	3988	Morticians' goods
3996	Hard surface floor coverings	3982	Hard surface floor coverings
3999	Manufactures, n.e.c.	3983 3984 3987 3992 3995 3999	Matches Candles Lampshades Furs, dressed and dyed Umbrellas, parasols, and canes Miscellaneous products, n.e.c.

[1]Bureau of the Census combination of SIC industries 3711, Motor Vehicles, and 3712, Passenger Car Bodies.

[2]Bureau of the Census combination of SIC industries 3711, Motor Vehicles; 3712, Passenger Car Bodies; and 3714, Motor Vehicle Parts and Accessories.

[3]Bureau of the Census combination of SIC industries 3723, Aircraft Propellers and Parts, and 3729, Aircraft Equipment, N.E.C.

Part 2. Comparability of 1963 SIC Industries to 1967 SIC Industries, Where Revisions Occurred to 1963 Industries

Industry code	1963 title	Industry code	1967 title
2814 2815	Cyclic (coal tar) crudes Intermediate coal tar products	2815	Cyclic intermediates and crudes
3571	Computing and related machines	3573 3574	Electronic computing equipment Calculating and accounting machines
3717[2]	Motor vehicles and parts	3711[1] 3714	Motor vehicles Motor vehicle parts and accessories
3723 3729	Aircraft propellers and parts Aircraft equipment, n.e.c.	3729[3]	Aircraft equipment, n.e.c.
3981	Brooms and brushes	3991	Brooms and brushes
3982	Hard surface floor coverings	3996	Hard surface floor coverings
3988	Morticians' goods	3994	Morticians' goods
3983 3984 3987 3992 3995 3999	Matches Candles Lampshades Furs, dressed and dyed Umbrellas, parasols, and canes Miscellaneous products, n.e.c.	3999	Manufactures, n.e.c.

[1]Bureau of the Census combination of SIC industries 3711, Motor Vehicles, and 3712, Passenger Car Bodies,

[2]Bureau of the Census combination of SIC industries 3711, Motor Vehicles; 3712, Passenger Car Bodies; and 3714, Motor Vehicle Parts and Accessories.

[3]Bureau of the Census combination of SIC industries 3723, Aircraft Propellers and Parts, and 3729, Aircraft Equipment, N.E.C.

Appendix D

REPORTING FORMS

This appendix contains reproductions of a representative selection of the reporting forms used in the 1967 economic censuses, with emphasis on the Census of Manufactures. The uses of each of them is described in the Introduction, Section 7.

DUE DATE: WITHIN 20 DAYS AFTER RECEIPT

Budget Bureau No. 41-66141; Approval Expires December 31, 1967

FORM NC-X1A (6-2-66)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1967 REPORT OF COMPANY ORGANIZATION

NOTICE – Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report please refer to → CENSUS FILE NO.

Complete this report within 20 days of receipt

and RETURN TO Bureau of the Census
Jeffersonville, Indiana 47130

Please Read Instructions Before Completing Report

Item 1 – Name and address *(Please correct any errors)*

Item 2A – COMPANY OWNERSHIP AND CONTROL

Is the firm named in Item 1 owned or controlled by another domestic company?

☐ YES ☐ NO

If "YES," give name and address of owning or controlling company:

Item 2B – Does the firm named in Item 1 own or control any subsidiaries?

☐ YES – If "YES," be sure to include the required information in this report for ALL subsidiaries.

☐ NO – If "NO," report only for firm named in Item 1.

Item 3A – COMPANY ORGANIZATION – Listed in column (a) are the Employer Identification Numbers assigned to the firm named in Item 1 and to the subsidiaries it owns or controls, based on our records. Please BRING THIS LIST UP TO DATE by additions, corrections, and deletions. In column (b), enter name and address of main office or principal place of business for each Employer Identification Number. Be sure to include ALL E.I. numbers assigned, both active and inactive. IF MORE SPACE IS NEEDED FOR ADDITIONAL E.I. NUMBERS, USE ITEM 3B ON REVERSE SIDE.

Employer Identification Number (a)	Name and address of main office or principal place of business *(For E.I. numbers you DELETE, please explain)* (b)

Item 4A – LISTING OF YOUR DOMESTIC ESTABLISHMENTS (based on our records) – Please bring this list up to date by **deleting** establishments not operated by this firm or its subsidiaries in 1967; **correcting** establishment names, addresses (should be PHYSICAL LOCATIONS), and E.I. numbers, as necessary; and **listing** in Item 4B on the REVERSE SIDE all **additional** establishments now in operation or expected to be in operation at any time during 1967.

Line No.	Establishment NAME, ADDRESS of **physical** location, and Employer Identification Number (E.I.) (a)	CORRECTIONS AND REMARKS *(Enter ZIP code of physical location, if known)* (b)	Census establishment file number and codes (c)
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		
	Employer Identification No. →		

PLEASE COMPLETE REVERSE SIDE OF THIS REPORT, INCLUDING "CERTIFICATION"

Item 3B – COMPANY ORGANIZATION – Your listing of ALL additional Employer Identification Numbers not listed in Item 3A and currently assigned to your firm and its subsidiaries (both active and inactive). *If additional spaces are needed, please use a sheet of paper labeled "Item 3, Continuation Sheet," identify with your name, address, and Census File Number, and attach to this report.*

Employer Identification Number (a)	Name and address of main office or principal place of business (b)

ITEM 4B – YOUR LISTING OF ADDITIONAL DOMESTIC ESTABLISHMENTS – List below ALL domestic establishments of your firm and its subsidiaries **not** listed in Item 4A. Include those acquired by you through purchase, lease, construction, or other methods of acquisition; include those now in operation or expected to be in operation at any time during 1967. (For manufacturing and minerals additions, report former owner or operator, if any.) Each additional establishment should be listed on a SEPARATE LINE. *(For exceptions, PLEASE READ INSTRUCTIONS.)*

Establishment NAME, (your store or plant number, if any) ADDRESS of physical location, and Employer Identification Number (E.I.) *(Enter ZIP code of physical location, if known)* (a)	Kind of business activity: Major activity of establishment *Mark (X) one* (b)	Kind of business activity: List in order of importance the principal products made, lines of merchandise sold, types of services rendered, or construction activity performed. (c)	Approximate number of employees *Mark (X) one* (d)	FOR CENSUS USE (e)
Enter Employer Identification Number *(9 digits)* → – – – – – – – – –	☐ Manufacturing ☐ Construction ☐ Minerals extraction ☐ Retail trade ☐ Wholesale trade ☐ Manufacturers sales branch or office ☐ Administrative office ☐ Other – *Specify* →		2 ☐ Under 10 3 ☐ 10–19 4 ☐ 20–49 5 ☐ 50–99 6 ☐ 100 or more	
Enter Employer Identification Number *(9 digits)* → – – – – – – – – –	☐ Manufacturing ☐ Construction ☐ Minerals extraction ☐ Retail trade ☐ Wholesale trade ☐ Manufacturers sales branch or office ☐ Administrative office ☐ Other – *Specify* →		2 ☐ Under 10 3 ☐ 10–19 4 ☐ 20–49 5 ☐ 50–99 6 ☐ 100 or more	
Enter Employer Identification Number *(9 digits)* → – – – – – – – – –	☐ Manufacturing ☐ Construction ☐ Minerals extraction ☐ Retail trade ☐ Wholesale trade ☐ Manufacturers sales branch or office ☐ Administrative office ☐ Other – *Specify* →		2 ☐ Under 10 3 ☐ 10–19 4 ☐ 20–49 5 ☐ 50–99 6 ☐ 100 or more	
Enter Employer Identification Number *(9 digits)* → – – – – – – – – –	☐ Manufacturing ☐ Construction ☐ Minerals extraction ☐ Retail trade ☐ Wholesale trade ☐ Manufacturers sales branch or office ☐ Administrative office ☐ Other – *Specify* →		2 ☐ Under 10 3 ☐ 10–19 4 ☐ 20–49 5 ☐ 50–99 6 ☐ 100 or more	
Enter Employer Identification Number *(9 digits)* → – – – – – – – – –	☐ Manufacturing ☐ Construction ☐ Minerals extraction ☐ Retail trade ☐ Wholesale trade ☐ Manufacturers sales branch or office ☐ Administrative office ☐ Other – *Specify* →		2 ☐ Under 10 3 ☐ 10–19 4 ☐ 20–49 5 ☐ 50–99 6 ☐ 100 or more	
Enter Employer Identification Number *(9 digits)* → – – – – – – – – –	☐ Manufacturing ☐ Construction ☐ Minerals extraction ☐ Retail trade ☐ Wholesale trade ☐ Manufacturers sales branch or office ☐ Administrative office ☐ Other – *Specify* →		2 ☐ Under 10 3 ☐ 10–19 4 ☐ 20–49 5 ☐ 50–99 6 ☐ 100 or more	

Item 5 – CERTIFICATION	Name of person to contact regarding this report	Address *(Number, street, city, State, ZIP code)*	Telephone Area code	Number	Ext.	Number of continuation sheets returned with this report: Item 3	Item 4
Please COMPLETE by signature.	This report (including attached continuation pages) is substantially accurate and has been prepared in accordance with instructions.						
	Signature of authorized person	Title	Date				

DUE DATE: 20 DAYS AFTER RECEIPT

Budget Bureau No. 41-66141; Approval Expires December 31, 1967

FORM NC-X1B
(7-13-66)
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1967 REPORT OF COMPANY ORGANIZATION

Complete this report within 20 days of receipt and return to:

Bureau of the Census
Jeffersonville, Indiana 47130

NOTICE – Response to this inquiry is required by law (Title 13 U.S. Code). By the same law your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

EMPLOYER IDENTIFICATION NUMBER →

Item 1 – Is this name and address of your firm CORRECT? →

☐ Yes ☐ No

If "No," please correct any errors.

PLEASE RETURN THIS COPY

Item 2 – Is the Employer Identification Number printed above the SAME as that appearing on your latest Quarterly Federal Tax Return, Form 941?

☐ Yes ☐ No – If "No," please enter the currently assigned Employer Identification Number here. →

E. I. Number

Item 3 – Does this firm (designated by the currently assigned E.I. Number shown above) operate at MORE THAN ONE business location?

☐ Yes – If "Yes," **complete** Items 4A and 4B

☐ No – If "No," **skip** to Item 5

Number

Item 4A – How many establishments are operated by this firm? . . . . .

Item 4B – Please LIST each of these establishments on the REVERSE SIDE of this report in Item 4B.

Item 5 – Does this firm own or control any companies using any OTHER Employer Identification Numbers?

☐ Yes – If "Yes," please list below ☐ No

Employer Identification Number	Name and address of main office or principal place of business

Item 6 – Is this firm owned or controlled by ANOTHER company?

☐ Yes – If "Yes," please identify below ☐ No

Employer Identification No. (if known)	Name and address of controlling company

Item 7 – CERTIFICATION – Please COMPLETE the report, including REVERSE SIDE (if applicable), before signing.

Name of person to contact regarding this report	Address *(Number, street, city, State, ZIP code)*	Telephone		
		Area code	Number	Ext.

This report is substantially accurate and has been prepared in accordance with instructions.

Signature of authorized person	Title	Date

If Item 3 is "Yes," be sure to complete REVERSE SIDE of this report →

Item 4B – Please **list** below ALL domestic establishments operated under your firm's currently assigned Employer Identification Number. Include each establishment now in operation or expected to be in operation at any time during 1967. *(If additional space is needed to list all your establishments, please use blank continuation sheets and follow the format on this page. Be sure to enter the Employer Identification Number in the upper right-hand corner of each additional sheet.)*

Establishment NAME, ADDRESS of **physical** location, and Employer Identification Number (E.I.) *(Enter ZIP code of physical location, if known)* (a)	Kind of business activity: Major activity of establishment *Mark (X) one* (b)	Kind of business activity: **List** in order of importance the principal products made, lines of merchandise sold, types of services rendered, or construction activity performed (c)	Approximate number of employees *Mark (X) one* (d)	FOR CENSUS USE
Enter Employer Identification Number *(9 digits)* → __ – _____	☐ Manufacturing ☐ Construction ☐ Minerals extraction ☐ Retail trade ☐ Wholesale trade ☐ Manufacturers sales branch or office ☐ Administrative office ☐ Other – *Specify* →		2 ☐ Under 10 3 ☐ 10–19 4 ☐ 20–49 5 ☐ 50–99 6 ☐ 100 or more	
Enter Employer Identification Number *(9 digits)* → __ – _____	☐ Manufacturing ☐ Construction ☐ Minerals extraction ☐ Retail trade ☐ Wholesale trade ☐ Manufacturers sales branch or office ☐ Administrative office ☐ Other – *Specify* →		2 ☐ Under 10 3 ☐ 10–19 4 ☐ 20–49 5 ☐ 50–99 6 ☐ 100 or more	
Enter Employer Identification Number *(9 digits)* → __ – _____	☐ Manufacturing ☐ Construction ☐ Minerals extraction ☐ Retail trade ☐ Wholesale trade ☐ Manufacturers sales branch or office ☐ Administrative office ☐ Other – *Specify* →		2 ☐ Under 10 3 ☐ 10–19 4 ☐ 20–49 5 ☐ 50–99 6 ☐ 100 or more	
Enter Employer Identification Number *(9 digits)* → __ – _____	☐ Manufacturing ☐ Construction ☐ Minerals extraction ☐ Retail trade ☐ Wholesale trade ☐ Manufacturers sales branch or office ☐ Administrative office ☐ Other – *Specify* →		2 ☐ Under 10 3 ☐ 10–19 4 ☐ 20–49 5 ☐ 50–99 6 ☐ 100 or more	

Item 4C – Do the establishments listed above (and on continuation sheets, if any) EQUAL the number of establishments indicated in Item 4A?

☐ YES ☐ NO – If "NO," please explain →

FORM NC-X1B (7-13-66)

BE SURE TO COMPLETE REVERSE SIDE AND SIGN CERTIFICATION

GPO 914-669 USCOMM-DC

PENALTY FOR FAILURE TO REPORT — DATE DUE: APRIL 30, 1968 — Form Approved: Budget Bureau No. 41-S67110

FORM NC-X3 (0300) — U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

1967 CENSUSES OF BUSINESS, MANUFACTURES, AND MINERAL INDUSTRIES

GENERAL SCHEDULE

NOTICE – Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to this Census File Number

Employer Identification No.

NC-X3 (0300)

Return to: Jeffersonville Census Operations Office, Jeffersonville, Indiana 47130

(Please correct if name or address has changed)

INTRODUCTORY NOTE

The Bureau of the Census is now conducting a census of establishments primarily engaged in the types of activities described in item 9 (on the reverse side). However, our records do not contain sufficient information on the kind of business or activity carried on at your establishment. Please complete item 1, Parts A and B below, to provide this information. Then proceed according to the instructions given in Part C (i.e., if you are primarily engaged in one of the business activities described in Part B, boxes 1–29, you are required to complete only item 1, sign the certification in item 12, and return the form in the envelope provided; otherwise, you are required to complete the entire form).

GENERAL INSTRUCTIONS

If you operated more than one establishment (or location) under the same Employer Identification Number shown in the address box, this report should include consolidated figures for all locations; in item 11, however, please provide information separately for each location. If your Employer Identification Number was changed from that appearing in the address label, enter the currently assigned Employer Identification Number for this establishment in item 3.

Information provided by you on this report should account for your business activities for the entire year 1967. If book figures are not available, enter your best estimates.

1. KIND OF BUSINESS

Part A – Describe your kind of business or activity during 1967.

_____

Part B – Mark the box or boxes which best describe the kind of business or activity in which you were **primarily engaged** during 1967.

Agriculture, forestry, fishery

1 ☐ Farm or ranch
2 ☐ Agricultural, horticultural services (e.g., cotton ginning; corn shelling; contract grading fruits, vegetables)
3 ☐ Poultry hatchery
4 ☐ Veterinarian; animal hospital
5 ☐ Forestry (e.g., timber tracts, forest nursery)
6 ☐ Fishery

2. NAME AND PHYSICAL LOCATION

a. Is the name shown in the label the name by which this establishment is known to the public?

☐ Yes ☐ No (If "No," enter trade name above the label.)

b. Is the address in the label –

(1) ☐ The mail address of your establishment but **not** the actual physical location.

(2) ☐ The mail address of your establishment (including number and street) which also is its actual physical location.

(3) ☐ Neither of the above (e.g., accountant's office).

(NOTE: If you marked box 1 or 3, or number and street are not shown in the label, complete c, d, and e below. If you marked box 2, complete d and e below.)

c. Enter following physical location information

Number and street	City, village, or other place

State	ZIP code

(NOTE: If location cannot be described by number and street, give name or number of highway and approximate distance from nearest town.)

d. Enter name of county in which your establishment is located

e. Is your establishment physically located within the boundaries of the city, village, or other place specified in the label or in "c"?

1 ☐ Yes ☐ No

Form NC-X3--Continued

Transportation (Do not mark box if business is a travel agency, bus line, public warehouse, or trucking firm.)

- 7 ☐ Railroad
- 8 ☐ Taxicab
- 9 ☐ Water transportation
- 10 ☐ Air transportation
- 11 ☐ Pipeline

Communication

- 12 ☐ Telephone or telegraph service
- 13 ☐ Radio or television broadcasting

- 14 ☐ **Electric, gas, sanitary services**

Finance, insurance, real estate

- 15 ☐ Finance (bank; credit agency; security dealer, exchange)
- 16 ☐ Insurance
- 17 ☐ Real estate (except hotel operation, land subdividers and developers, and operative builders)

- 18 ☐ **Medical and other health service** – doctor, dentist hospital, etc. (**except** dental laboratory)

- 19 ☐ **Educational service (except** barber, beauty, dancing school)

Nonprofit membership organization

- 20 ☐ Trade association, board of trade, chamber of commerce
- 21 ☐ Professional membership organization
- 22 ☐ Labor union
- 23 ☐ Civic, social, fraternal association
- 24 ☐ Political organization
- 25 ☐ Religious organization
- 26 ☐ Charitable organization

Miscellaneous services

- 27 ☐ Accounting, auditing, bookkeeping
- 28 ☐ Artist, writer, lecturer
- 29 ☐ Government organization

- 30 ☐ **Other kind of business or activity**

Part C – Is the kind of business or activity in which this establishment was PRIMARILY ENGAGED in 1967 described in boxes 1–29 above?

(1) ☐ Yes (2) ☐ No

If "No," answer all remaining questions on this form. If "Yes," you need not answer the remaining questions, but complete the certification (item 12 on reverse side) and return this form in the envelope provided.

3. EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification (EI) Number printed in the address label the SAME as that used for this establishment on your latest 1967 Employer's Quarterly Tax Return, Treasury Form 941?

1 ☐ Yes 2 ☐ No (If "No," enter the currently assigned EI number here (9 digits).) ___–_____

4. LEGAL FORM OF ORGANIZATION OF COMPANY OPERATING THIS ESTABLISHMENT (Mark ONE box only) X-1

- 1 ☐ Individual proprietor
- 2 ☐ Partnership
- 0 ☐ Corporation (Do NOT mark if any form of cooperative association)
- 8 ☐ Co-op (cooperative association), corporate or noncorporate
- 9 ☐ Other – Specify _____

5. PERIOD OPERATED IN 1967 X-2

a. Was this establishment in business at the end of 1967?

1 ☐ Yes 2 ☐ No

(NOTE: For establishments which were inactive during December 1967 due to seasonal or part-time operations answer "Yes," unless the establishment was not owned by you at the end of the year.)

b. How many months during 1967 did you own this establishment? Months X-3

6. CLASS OF CUSTOMER X-4

Mark the box which indicates the class of customer accounting for more than half of your entry in item 8a. If **no one** class accounts for more than half, indicate the approximate percentage next to each box.

- 1 ☐ ____ % General public (household consumers, farmers, individuals)
- 2 ☐ ____ % Construction and building trade contractors
- 3 ☐ ____ % Other business firms, government, institutions
- 4 ☐ ____ % Other – Specify _____

7. METHOD OF SELLING X-5

Mark only the ONE box which describes your **principal** method of selling

- 1 ☐ Selling at this establishment
- 2 ☐ Mail order (catalog selling)
- 3 ☐ House-to-house (direct selling)
- 4 ☐ Operating merchandise vending machines

8. DOLLAR VOLUME OF BUSINESS AND ANNUAL PAYROLL DURING 1967

Line a – Sales of merchandise and other receipts from customers after deducting returns, allowances, and discounts.

Include all sales of merchandise (whether or not payment was received in 1967); all other receipts from customers for services, including repair, maintenance, delivery, and installation charges; all receipts from carrying charges or other charges for credit.

Do not include income from investments; commissions from vending machine operators; receipts from sale or rental of real estate, unless you are an operative or merchant builder (item 9, box 4 below).

Do not deduct trade-in allowances from sales.

Line e – PAYROLL – Include all salaries, wages, commissions, bonuses, vacation allowances, and the value of payments in kind such as goods, lodging, food, and clothing. Include tips, gratuities, etc., received by your employees from others. Do not include payments to (or withdrawals by) owners or partners of unincorporated businesses.

	Dollars	Cents	Key
a. **Sales of merchandise and other receipts from customers**	$	XX	X-6
b. Does the entry in "a" include sales and excise taxes collected from customers? .	1 ☐ Yes 2 ☐ No		X-7
c. If "No," how much did you forward to Federal, State, and local taxing agencies for such taxes?	$	XX	X-8
d. Of the amount in line "a," what percent was for products **manufactured** by you at this location?	Percent		
e. **Total annual payroll in 1967 before deductions**	$	XX	X-9*

9. KIND OF BUSINESS GROUP

1-XXXX 1-5*

Part A – Mark only the ONE box for the group in which your kind of business fits best.

1 ☐ **Mining** – Extracting or quarrying minerals (metallic and nonmetallic ores; stone, sand, gravel; oil and gas; coal; etc.) minerals exploration and development; contract mineral services

Construction

2 ☐ General contractor (buildings, roads, etc.)

3 ☐ Special trade contractor (painting, carpentry, plumbing, etc.)

4 ☐ Operative or merchant builder; land subdivider and developer

5 ☐ **Manufacturing** – Fabricating, assembling, or processing materials into new products. Also includes such activities as: apparel jobbing, machine shop repair, and miscellaneous services "for the manufacturing trade"

6 ☐ **Public warehousing and storage**

Wholesale trade – Selling merchandise to retailers; to industrial, commercial, professional, institutional users; and to government

7 ☐ Merchant wholesaler

8 ☐ Merchandise agent or broker

9 ☐ Other type of wholesaler – Specify _____

10 ☐ **Retail trade** – Selling merchandise to the general public; also, eating and drinking places, gasoline service stations

Selected services

11 ☐ Hotel, motel, tourist court, recreation camp

12 ☐ Laundry, barber shop, or other services to individuals

13 ☐ Advertising or other services to businesses

14 ☐ Repair service (autos, equipment, etc.)

15 ☐ Amusement, recreation place

16 ☐ Law firm

17 ☐ Engineering and architectural firm

18 ☐ Travel agency

19 ☐ Dental laboratory

20 ☐ Trucking firm

21 ☐ Bus line (including charter)

22 ☐ **Other kind of business** – Specify

_____

_____

Part B – Source of Receipts

List below the principal lines of merchandise sold, types of construction activity, products manufactured or mined, or services performed and indicate the approximate percentage each was of your total receipts (item 8a) in 1967.

Lines of merchandise sold, types of construction activity, types of services, and products manufactured or mined	Percentage of total receipts shown in item 8a
1.	
2.	
3.	
4.	

10. COMPANY AFFILIATION

a. ☐ **Mark this box** if this business is owned or controlled by another company and enter the name, mailing address, and Employer Identification Number of owning or controlling company, if known.

b. ☐ **Mark this box** if this business owns or controls any other company or companies and enter the name, mailing address, and Employer Identification Number of owned or controlled companies, if known.

Name of company / Mailing address — Number, street, city, State, ZIP code	E.I. Number
	–
Name of company / Mailing address — Number, street, city, State, ZIP code	E.I. Number
	–
Name of company / Mailing address — Number, street, city, State, ZIP code	E.I. Number
	–

11. YOUR BUSINESS LOCATIONS

a. In 1967 did you operate more than one establishment under the Employer Identification Number shown in the address label or in item 3? . . . . . 1 ☐ Yes 2 ☐ No

b. If "Yes," list separately below each establishment, including your main establishment and auxiliary facilities (such as warehouses, central administrative offices, buying offices, etc.).

	Address of business (Number, street, city, State, ZIP code)	Description of business	Census use only	Business receipts during 1967 — Dollars	Business receipts during 1967 — Cents	Number of paid employees (Pay period including March 12, 1967)
1.				$	XX	
2.					XX	
3.					XX	
	TOTAL FOR THIS EMPLOYER IDENTIFICATION NUMBER (Sum of lines 1–3 should be same as item 8a.) →			$	XX	

12	Name of person to contact regarding this report	Address (Number, street, city, State, ZIP code)	Telephone: Area code	Telephone: Number	Telephone: Extension

CERTIFICATION

This report is substantially accurate and covers the period from _____ to _____

Signature of authorized person	Title	Date

Use additional sheets of paper, if necessary, to complete any item or to submit any explanation. Identify each sheet with the Census File Number appearing in the address box.

PENALTY FOR FAILURE TO REPORT — DUE DATE – APRIL 30, 1968 — Form Approved: Budget Bureau No. 41-S67110

FORM NC-X6 (0600)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1967 CENSUSES OF BUSINESS, MANUFACTURES, AND MINERAL INDUSTRIES

CENTRAL ADMINISTRATIVE OFFICE OR AUXILIARY ESTABLISHMENT

RETURN TO: JEFFERSONVILLE CENSUS OPERATIONS OFFICE
Jeffersonville, Indiana 47130

NOTICE – Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report please refer to this Census File Number

Employer Identification Number

NC-X6 (0600)

PLEASE READ INSTRUCTIONS BEFORE COMPLETING REPORT

If calander year records are not available, fiscal year reports for the periods ending between October 31, 1967 and February 29, 1968 are acceptable. If book records are not available, enter your best estimate.

This report should cover ONLY the establishment identified in the address label.

YOUR FILE COPY

ITEM 1. NAME AND PHYSICAL LOCATION

a. Name of this establishment, **if different** from that appearing in the address box

b. Is the address originally printed in the address box the ACTUAL PHYSICAL LOCATION OF THIS ESTABLISHMENT?

☐ Yes – *Complete lines (3) and (4)* ☐ No – *Complete lines (1) through (4)*

(1) Number and street	City, village, or other place
(2) State	ZIP code

NOTE – If location cannot be described by number and street, give name or number of highway and approximate distance from nearest town.

(3) County in which your establishment is physically located? . . . . . .

(4) Is the establishment physically located within the boundaries of the city or village? 1 ☐ Yes 2 ☐ No

ITEM 2. EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification (EI) Number printed in the address label the SAME as that used for this establishment on your latest 1967 Employer's Quarterly Federal Tax Return, Treasury Form 941?

☐ Yes ☐ No – (If "No," please enter the currently assigned EI Number here (9 digits) → _ _ - _ _ _ _ _ _

ITEM 3. LEGAL FORM OF OWNERSHIP OF COMPANY OPERATING THIS ESTABLISHMENT

X-1

1 ☐ Individual proprietor
2 ☐ Partnership
0 ☐ Corporation (Do **not** mark if any form of cooperative association)
8 ☐ Co-op (cooperative association), corporate or noncorporate
9 ☐ Other *(Specify)*

ITEM 4. PRINCIPAL ACTIVITY OF THIS ESTABLISHMENT IN 1967

X-2

Mark the ONE item that **best** describes the **principal** activity of this establishment. If none applies, mark item (i) and enter a description of your principal activity. **Mark one item only.**

a. ☐ 1 Centralized administration (i.e., supervisory functions of a central, home, general, branch, divisional or district office)

b. ☐ 1 Management and other supporting services (e.g., purchasing or buying office, accounting office, legal office, public relations office, etc.)

c. ☐ 3 Warehousing

d. ☐ 7 Chainstore warehousing (i.e., a combination of administrative and warehousing activities described in a, b, and c)

e. ☐ 2 Research, development, and testing

f. ☐ 4 Trading stamp redemption

g. ☐ 8 Selling

h. ☐ 9 Repair service

i. ☐ 9 Other *(Describe)* _____

ITEM 5. PRINCIPAL ACTIVITIES OF YOUR COMPANY SERVICED BY THIS ESTABLISHMENT IN 1967

X-3

a. Does this establishment perform the above described management, general administrative functions, or other supporting services **primarily** for establishments of **your** company (rather than for other business firms or for the general public)? 1 ☐ Yes – *Complete items 5b, c, and d* 2 ☐ No – *Skip to item 6*

X-4

b. Does this establishment perform these management and administrative functions or services for **ALL** establishments of your company? ("Your company" refers to the parent firm and all its subsidiaries under common ownership or control.) 1 ☐ Yes 2 ☐ No

X-5

c. Mark the **principal** kind of business or industrial activity of the establishments of your company that are managed or serviced by this central office or auxiliary.

1 ☐ Minerals extraction, quarrying, production, or exploration
2 ☐ Manufacturing (fabricating, assembling, or processing materials into new products; also includes publishing and printing)
3 ☐ Construction (including general contracting, subcontracting, home building, and land subdividing and developing)
4 ☐ Manufacturer sales branches or other wholesale operations
5 ☐ Retail stores
6 ☐ Other *(Describe)* _____

d. List in order of importance, the **principal** products made, lines of merchandise sold, types of services rendered, or construction activities performed by the establishments that are managed or serviced by this central office or auxiliary.

(1) _____ (3) _____

(2) _____ (4) _____

ITEM 6. PAYROLL AND EMPLOYMENT AT THIS ESTABLISHMENT DURING 1967

Report the payroll and number of persons employed at this establishment, including its traveling personnel. Do **not** include employees working in or from other establishments of your company, however, even though paid from this location. (The number and payroll of such employees should be included in the 1967 Census reports for the establishments at which they were actually employed.)

	THOUSANDS of dollars ($000)	Key
a. **Payroll** during 1967. (Enter the total wages, salaries, bonuses, commissions, and other remuneration paid to employees of this establishment during 1967, **before** payroll deductions)	$	X-6
	Number	
b. **Number of employees** at this establishment during the pay period including March 12, 1967		X-7

X-8

c. Were the employees and payroll reported in items 6a and 6b above also reported in any other 1967 Census **establishment** report form of your company (i.e., in the Census Forms MA-, MC-, CB-, or CC- series)?

1 ☐ Yes – If "Yes," please give the 11-digit CENSUS FILE NUMBER of that report _____ 2 ☐ No

ITEM 7. EMPLOYMENT BY FUNCTION DURING THE PAY PERIOD INCLUDING MARCH 12, 1967

Distribute the number of employees reported in item 6b according to their **principal functions** at this establishment during the pay period including March 12, 1967.

Where establishment records do not provide actual employee counts in terms of the functions listed, estimates of the approximate number in each are acceptable. Those persons performing a variety of functions should be reported in their **primary** activity during that pay period, or allocated on some other reasonable and consistent basis (e.g., by converting the total number of man-hours or man-days expended during the pay period into the average number of employees in each activity).

Type of function performed	Approximate number of employees	Key
a. Centralized administration (e.g., various management functions of a general, home, or district office)		1-1
b. Research, development, and testing		1-2
c. Warehousing		1-3
d. Sales to customers directly from this location		1-4
e. Trading stamp redemption		1-5
f. Other *(Describe)*		1-6
g. TOTAL NUMBER OF EMPLOYEES (Sum of lines a through f; should equal item 6b) →		1-7

Please continue on page 2

Report all figures in **THOUSANDS OF DOLLARS ($000)**, except Item 15. If none applies, enter "0" or "NONE."

ITEM 8. SALES MADE BY THIS ESTABLISHMENT DURING 1967 TO CUSTOMERS OUTSIDE YOUR COMPANY

a. Report all sales made by this establishment during 1967 (merchandise sales, receipts for services, and other business receipts) **to customers outside your company.**

Include excise taxes and sales taxes paid directly to taxing agencies.

Exclude intracompany transfers to other domestic establishments of your company; however, **include** export transfers to your foreign subsidiaries. **Exclude** sales to outside customers made by OTHER establishments of your company, even though billed centrally by this establishment. (Report such sales on the 1967 Census forms of these other establishments.)

	THOUSANDS of dollars ($000)	Key
a. Sales made by this establishment during 1967 to customers **outside** your company	$	2-1

b. List principal products sold or services rendered by this establishment to customers outside your company, in order of importance of sales and receipts in 1967:

(1) _____ (3) _____

(2) _____ (4) _____

ITEM 9. BILLINGS BY THIS ESTABLISHMENT IN 1967 TO RETAIL STORES OF YOUR COMPANY

Report at cost value all merchandise billed by this establishment in 1967 to retail stores of your company. **Include** all billings, whether or not the merchandise was shipped directly by the supplier to your retail stores or shipped from this establishment.

Exclude purchases made directly by your individual stores. **Exclude** billings to establishments other than your retail stores. **Exclude** sales to retail stores of other companies, and franchise sales (which should be reported in item 8a above).

	THOUSANDS of dollars ($000)	Key
Total billings by this establishment in 1967 to retail stores of your company	$	2-2

ITEM 10. INVENTORIES AT BEGINNING AND END OF 1967

Report all inventories **of this establishment** at current cost (if feasible), rather than sales price. **Exclude** inventories reported by **other** establishments of your company on their 1967 Census establishment forms.

Value of inventories of this establishment:		
a. BEGINNING of 1967	$	2-3
b. END of 1967	$	2-4

ITEM 11. CAPITAL EXPENDITURES FOR THIS ESTABLISHMENT DURING 1967 (EXCLUDE LAND AND MINERAL RIGHTS)

Report all capital expenditures actually made during 1967 for this establishment, including major alterations, capitalized repairs and improvements. "Capital expenditures" refer to **all** costs that are chargeable to fixed assets accounts for which depreciation or amortization accounts are ordinarily maintained.

Include the cost of all improvements and new construction at this establishment which were in progress but had not been completed at the end of 1967.

Include expenditures made by your company (or any of its subsidiaries) for structures which, upon completion, were or are to be sold and leased back to this establishment.

Exclude the cost of land and mineral rights.

Exclude the cost of maintenance and repairs charged as current operating expense.

Exclude capital expenditures made by outside owners of property rented or leased to this establishment. **Exclude** capital expenditures made by this establishment for other locations of your company.

Type of capital expenditures:		
a. New structures and additions to plant	$	2-5
b. New machinery and new equipment	$	2-6
c. Used plant and used equipment acquired from others	$	2-7
d. **TOTAL CAPITAL EXPENDITURES DURING 1967** (Sum of lines a, b, and c) →	$	2-8*

ITEM 12. CHANGES IN GROSS (BOOK) VALUE OF FIXED ASSETS OF THIS ESTABLISHMENT DURING 1967

Report the changes in gross (book) value of fixed assets **of this establishment** for which depreciation and amortization accounts are ordinarily maintained. "Gross (book) value" represents the acquisition cost (original cost or other basis) to your company of such fixed assets.

Include all depreciable fixed assets (buildings, structures, machinery, equipment, etc.), and all amortizable fixed assets.

Include all improvements and new construction "in progress" during 1967 but not yet completed at the end of 1967. Also **include** the value of fixed assets owned by this establishment but leased or rented to other companies.

Include the value of fixed assets owned by your company or any of its subsidiaries but "leased" to this establishment.

Exclude the value or fixed assets of other locations of your company (or any of its subsidiaries) for which this establishment maintains records.

a. Gross (book) value of fixed assets at BEGINNING of 1967	$	3-1
b. Total capital expenditures during 1967 (Copy figure from item 11d)	$	3-2
c. Gross (book) value of fixed assets sold, retired, scrapped, or destroyed during 1967	$	3-3
d. Gross (book) value of fixed assets, at END of 1967. (**Should equal lines a + b − c.** If not, please comment in "Remarks.") →	$	3-4

ITEM 13. RENTAL PAYMENTS MADE FOR THIS ESTABLISHMENT DURING 1967 (EXCLUDE LAND)

Report all rental payments made or accrued during 1967 to OUTSIDE firms which own the plant and equipment rented or leased by **this** establishment. **Exclude** rental payments made by this establishment to your parent company or any of its subsidiaries. (The value of such company-owned assets should be reported in item 12, however, as if actually owned by this establishment.) **Exclude** rental payments made by this establishment for plant and equipment located at other establishments of your company.

In reporting rents paid (or equivalent charges) for use of "Buildings and structures," **exclude** separately identified fees for leasing of land (such as ground rents).

Under "Machinery and equipment," be sure to **include** rental payments, (or equivalent charges), for use of transportation equipment, office equipment, computer systems, passenger cars, and all other types of machinery or equipment.

Rental payments made for this establishment:		
a. For use of BUILDINGS AND STRUCTURES (excluding land)	$	3-5
b. For use of MACHINERY AND EQUIPMENT	$	3-6
c. **TOTAL RENTAL PAYMENTS** (Sum of lines a and b) →	$	3-7

ITEM 14. COST OF RESEARCH AND DEVELOPMENT PERFORMED AT THIS ESTABLISHMENT DURING 1967

"Cost" should **include** all costs incurred at this establishment during 1967 to support research and development activities (i.e. wages and salaries; direct materials costs; services and supporting costs; and an appropriate share of depreciation and overhead). If this establishment performed research and development for other companies on contract during 1967, **include** the total amount charged for such work performed. (Also, report such receipts in item 8 above.)

Type of research and development performed:		
a. Federal contracts and subcontracts	$	3-8
b. Other research and development initiated with funds of your company or other (non-Federal) sources	$	3-9
c. **TOTAL COST OF RESEARCH AND DEVELOPMENT DURING 1967** (Sum of lines a and b) →	$	3-10*

ITEM 15. WAREHOUSE STORAGE SPACE, AS OF DECEMBER 31, 1967

If you reported any employees in item 7, line c, "Warehousing," complete this item.

Line a. Exclude floor space occupied by interior walls, permanent aisles, elevator shafts, stairways, offices, receiving and shipping platforms, etc.

Line b. Net piling space is space for storing commodities – inside space measured from wall to wall and from floor to ceiling, less space for ventilation (outside of the pilings), coils, aisles, posts, sprinklers, etc.

a. Occupiable floor space (under roof) – occupied and unoccupied – of this establishment	Square feet	4-1
b. Refrigerated (net piling) space, 50 degrees Fahrenheit or below, in this establishment	Cubic feet	4-2*

REMARKS

ITEM 16. CERTIFICATION

Name of person to contact regarding this report	Address (*Number and street, city, State*)	ZIP code	Telephone: Area code / Number / Extension

This report is substantially accurate and covers the period from _____ to _____

Signature of authorized person	Title	Date

PENALTY FOR FAILURE TO REPORT — DUE DATE–APRIL 30, 1968 — Form approved; Budget Bureau No. 41-S67100

FORM NC-K1 (9991)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1967 CENSUSES OF BUSINESS, MANUFACTURES, AND MINERAL INDUSTRIES

COMPANY SUMMARY REPORT

RETURN TO — JEFFERSONVILLE CENSUS OPERATIONS OFFICE
Jeffersonville, Indiana 47130

Please read instructions before completing report

NOTICE – Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report please refer to → CENSUS FILE NO.

Name and address *(Please correct any errors)*

INSTRUCTIONS

This form will provide you and the Bureau of the Census with a systematic means for assuring that ALL DOMESTIC ACTIVITIES of your company and its subsidiaries have been accounted for in the 1967 Censuses of Business, Manufactures, and Mineral Industries. For the purposes of this report, "domestic" activities should include all 50 States and the District of Columbia. It should **not** include activities of your firm in foreign countries. (Note – Your Puerto Rico activities, if any, will be covered separately in the 1967 Census of Puerto Rico conducted jointly by the Commonwealth government and the U.S. Bureau of the Census.)

Please complete Form NC-K1, "Company Summary Report," **after** you have prepared all required 1967 Census establishment reports for your company and its subsidiaries, but **before** you return these completed reports to the Bureau of the Census. Preparing this Company Summary Report **prior** to returning the completed establishment reports may help you to discover more readily and to correct promptly any **omission** or **duplication** of reports for those establishments which should be covered in the 1967 Censuses of Business, Manufactures and Mineral Industries. In turn, this will speed up the Census Bureau's processing of your company report forms and will minimize any correspondence regarding coverage.

ITEM 1. GENERAL INFORMATION

A. NAME OF COMPANY

B. COMPANY ORGANIZATION
Is the above-named company owned or controlled by another company? ..... Yes ☐ No ☐
(If "Yes," please give name and address of owning or controlling company.)

C. LEGAL FORM OF OWNERSHIP OF COMPANY – *Mark one* X-1

1 ☐ Individual proprietor
2 ☐ Partnership
0 ☐ Corporation (Do not mark if any form of cooperative association.)
8 ☐ Co-op (Cooperative association), corporate or noncorporate
9 ☐ Other *(Specify)*

ITEM 2. EMPLOYMENT SUMMARY OF YOUR COMPANY AND ITS SUBSIDIARIES DURING 1967 – Column (a) lists the Employer Identification (E.I.) Numbers assigned to your company, based on information you reported on the 1967 Census Form NC-X1, "Report of Company Organization." If your company was assigned any other E.I. Numbers during any part of 1967, please add these numbers to the list. Then, complete ALL columns for EACH E.I. Number listed. (USE ITEM 2 Continuation Sheet if necessary.)

NOTE: All employment figures (Columns b through f) are for the pay period including MARCH 12, 1967

Line number	Employer Identification Numbers used by your company during 1967 (a) 1-1	Number of employees (as of March 12, 1967) reported on Treasury Payroll Tax Forms 941, 943, or CT-1 (b) 1-2	Employees in domestic establishments, as REPORTED on your 1967 Censuses of Business, Manufactures, and Mineral Industries forms: Census Form MA– or MC–Series *Production workers plus all others* (Manufactures and Mineral Industries) (c)	Census Form CB– or CC–Series (Wholesale, Retail, Service, and Construction) (d)	Census Form NC–X6 (Central adminstrative offices and auxiliaries) (e)	Employees and payroll of domestic business activities, NOT REPORTED on your 1967 Censuses of Business, Manufactures, and Mineral Industries forms (i.e., agriculture; railroads; pipelines; radio and TV stations; insurance agencies; banks; etc.): Employees in domestic activities NOT REPORTED on your Census forms (f) 1-3	Description of these activities NOT REPORTED on your Census forms (g)	Total payroll for the year 1967 for these activities NOT REPORTED on your Census forms *THOUSANDS of dollars ($000)* (h) 1-4	For Census Use Only Key 1-5*
1								$	001
2								$	002
3								$	003
4								$	004
5								$	005
6								$	006
7								$	007
8								$	008
9	Subtotal from Item 2 Continuation Sheet, if any								
10	TOTAL, All Employer Identification Numbers →								

NUMBER OF ITEM 2 CONTINUATION SHEETS ATTACHED TO THIS FORM → No. of sheets

ITEM 3. COVERAGE CHECK OF COMPANY EMPLOYMENT TOTALS

A. **Comparison of COMPANY employment with ESTABLISHMENT employment for the pay period including March 12, 1967**

Enter employment totals from **Item 2, Line 10:**	Number of employees reported in Item 2, line 10, above	Key
(1) From Column (c), total		2-1
(2) From Column (d), total		2-2
(3) From Column (e), total		2-3
(4) From Column (f), total		2-4
(5) **Sum** of figures above →		2-5
(6) Sum of company employment reported on Treasury Payroll Tax Forms (From **Column (b) in Line 10**) →		2-6

B. If the two figures in Lines (5) and (6) of Item 3A **differ by more than 5 percent**, please verify the reported figures in Item 2. (For **each** Employer Identification Number, compare the Column (b) figure with the sum of Columns (c), (d), (e), and (f). These totals should ordinarily be equal for each E.I. Number, if all employment has been accounted for.)

If, after such verification, a company-wide difference in excess of 5 percent still exists, please explain:

For Census Use Only 2-7 | 2-8 | 2-9*

Please continue on page 2

ITEMS 4–10. SELECTED COMPANY STATISTICS FOR 1967

Please report the following items on a **consolidated** basis for the DOMESTIC ACTIVITIES of your company and ALL its subsidiaries as defined in Item 2 of this report. Do **not** include foreign activities, if any, (**except** for reporting foreign assets in Item 10). **Consolidate all domestic activities**, whether or not covered in the 1967 Census by individual report forms. If calendar year records are not available, fiscal year reports for the periods ending between October 31, 1967 and February 29, 1968 are acceptable. If book records are not available, enter your best estimates. **Before completing these items, please read the detailed instructions.**

ITEM 4. COMPANY PAYROLL DURING 1967

Report total wages, salaries, bonuses, commissions, and other remuneration paid by your company and its subsidiaries at domestic establishments and facilities during 1967, **before** payroll deductions.

	Thousands of dollars ($000)	Key
Total company payroll during 1967	$	3-1

ITEM 5. COMPANY SALES AND RECEIPTS DURING 1967

Report consolidated net sales and business receipts of your company and its subsidiaries during 1967.

Exclude domestic intra-company transfers; **exclude** sales BY foreign subsidiaries; **exclude** non-operating income. **Include** sales to customers OUTSIDE your company; **include** excise taxes and sales taxes paid by your company directly to Federal, State, or local taxing agencies; **include** export transfers TO your foreign subsidiaries.

		Key
a. Net company sales and business receipts during 1967	$	3-2
b. Does the entry in 5a above INCLUDE excise and sales taxes paid directly to taxing agencies?	Yes ☐ 1 No ☐ 2	3-3
c. If "No," report here the amount of such taxes paid by your company and its subsidiaries during 1967	$	3-4

ITEM 6. CAPITAL EXPENDITURES DURING 1967 (EXCLUDE LAND AND MINERAL RIGHTS)

Report all capital expenditures actually made during 1967 by your company and its subsidiaries for all domestic establishments and facilities. "Capital expenditures" refer to all costs that are chargeable to fixed assets accounts of your company for which depreciation or amortization accounts are ordinarily maintained; **include** major alterations, capitalized repairs and improvements; **include** expenditures made in 1967 for establishments under construction but not yet in operation.

Exclude capital expenditures made by owners of property rented or leased by your firm and its subsidiaries; but **include** expenditures made by your firm and its subsidiaries for structures which, on completion, were or are to be sold and leased back by your firm. **Exclude** cost of land, mineral rights, and cost of maintenance and repair charged as current and operating expenses; **exclude** capital expenditures by subsidiaries in foreign countries.

Type of capital expenditures:		Key
a. New structure and additions to plant	$	3-5
b. New machinery and new equipment	$	3-6
c. Used plant, machinery, and equipment acquired from others	$	3-7
d. Capitalized development and exploration of mineral properties	$	3-8
e. TOTAL CAPITAL EXPENDITURES DURING 1967 (Sum of Lines a, b, c, and d) →	$	3-9*

ITEM 7. CHANGES IN FIXED ASSETS DURING 1967

Report the value of fixed assets of your company and its subsidiaries for which depreciation and amortization accounts are ordinarily maintained. "Gross (book) value" represents the acquisition cost (original cost or other basis) to your company of such fixed assets. "Net value" represents the gross value of such fixed assets, **less** their accumulated depreciation and amortization.

Include fixed assets for **all** domestic establishments and facilities.

Exclude fixed assets of your company and its subsidiaries in foreign countries. These assets should be reported in Item 10c below.

Include all depreciable assets (buildings, structures, equipment, etc.) and amortizable fixed assets.

Exclude depletable assets (land, timber, and mineral rights) and non-fixed assets (inventories, cash, accounts receivable, etc.). These assets should be reported in Item 10b below.

Include in the value of assets all improvements and new construction that were "in-progress" but not yet completed at the end of 1967. Also **include** the value of fixed assets (machinery, equipment, buildings, structures, etc.) owned by your company and its subsidiaries but leased or rented to other companies.

		Key
a. Gross (book) value of fixed assets owned by your company, as of BEGINNING of 1967	$	4-1
b. **Net** value of fixed assets, as of BEGINNING of 1967 (i.e., gross value, **less** accumulated depreciation and amortization)	$	4-2
c. Total capital expenditures DURING 1967 (copy figure from Item 6e)	$	4-3
d. Other acquisitions by your company (by merger, exchange of stock, etc.) of fixed assets DURING 1967 (if **not** included in Line c above)	$	4-4
e. Depreciation and amortization charges against fixed assets DURING 1967 (**including** charges against those acquired or completed during the year)	$	4-5
f. Other deductions from fixed assets DURING 1967 (i.e., net value of assets sold, retired, scrapped, or destroyed; and other adjustments)	$	4-6
g. Net value of fixed assets, as of END of 1967. (**Should equal** Lines b + c + d − e − f. If not, please comment in "Remarks.") →	$	4-7*

ITEM 8. RENTAL PAYMENTS MADE DURING 1967 (EXCLUDE LAND)

Report all rental payments made or accrued during 1967 to other firms which own the plant and equipment rented or leased by your company and its subsidiaries.

In reporting rents paid (or equivalent charges) for use of "Buildings and structures," **exclude** separately identified fees for leasing of land (such as ground rents).

Under "Machinery and equipment," be sure to **include** rental payments (or equivalent charges) for use of production machinery, office equipment, computer systems, passenger cars, trucks, materials handling equipment, and all other types of machinery or equipment.

Rental payments made by your company:		Key
a. For use of BUILDING AND STRUCTURES (excluding land)	$	5-1
b. For use of MACHINERY AND EQUIPMENT	$	5-2
c. TOTAL RENTAL PAYMENTS DURING 1967 (Sum of Lines a and b) →	$	5-3

ITEM 9. INVENTORIES, AS OF BEGINNING AND END OF 1967

Report all inventories of your company and its subsidiaries at the beginning and end of 1967 on a comparable basis.

Inventories should **include**: finished products; work-in-process; and materials, supplies, fuels, etc. **Exclude** inventories of subsidiaries in foreign countries.

In aggregating the inventories of your company and its subsidiaries, report value on a **current cost basis**, if feasible, otherwise at book value.

Value of inventories:		Key
a. All inventories, as of BEGINNING of 1967	$	5-4
b. All inventories, as of END of 1967	$	5-5

ITEM 10. TOTAL COMPANY ASSETS, AS OF END OF 1967

Report the balance sheet assets of your company and its subsidiaries on a **consolidated** basis.

Lines a and b should include **only domestic** assets of your company and its subsidiaries.

Line c should include all assets of your company and its subsidiaries in **foreign** countries, regardless of type.

Type of company assets:		Key
a. Net value of fixed assets (From Item 7, line g)	$	5-6
b. All other **domestic** assets (i.e., inventories, cash, accounts receivable, land, etc.)	$	5-7
c. All **foreign** assets (i.e., assets located in foreign countries)	$	5-8
d. TOTAL COMPANY ASSETS, AS OF END OF 1967 (Sum of Lines a, b, and c) →	$	5-9*

REMARKS

ITEM 11.

Name of person to contact regarding this report	Address (*Number and street, City, State*)	ZIP code	Telephone: Area code	Number	Ext.

CERTIFICATION

This report is submitted as accurate and covers the period from _____ to _____

Signature of authorized person	Title	Date

PENALTIES FOR FAILURE TO REPORT — DUE DATE – APRIL 30, 1968 — Budget Bureau No. 41-S67070; Approval expires December 31, 1969

FORM NC-K4M (9994)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

NOTICE – Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

1967 CENSUS OF MANUFACTURES

DISTRIBUTION OF SALES BY CLASS OF CUSTOMER

In correspondence pertaining to this report refer to this Census File Number

NC-K4M (9994)

KEEP THIS COPY FOR YOUR FILES

PLEASE COMPLETE AND RETURN THE FORM WHICH SHOWS YOUR NAME AND ADDRESS

RETURN TO **JEFFERSONVILLE CENSUS OPERATIONS OFFICE**
Jeffersonville, Indiana 47130

(Please correct if mailing address has changed)

CENSUS USE ONLY		Weight					P/G

GENERAL INSTRUCTIONS

(See also specific instructions with Product Group Reference List)

As part of the 1967 Census of Manufactures, the Census Bureau is conducting this survey of the Distribution of Manufacturers' Sales by Class of Customer. The last such survey was conducted as part of the 1958 Census of Manufactures. This survey will provide a current analysis of the marketing channels through which the goods move from the manufacturer to the user or consumer. The results are needed for the improvement of the national income and product statistics.

Estimates are acceptable – We appreciate that there is no uniform system of sales analysis and that completeness of records varies considerably among companies. Therefore, some companies will have to use estimates to a far greater extent than they do on other Census surveys. If actual records are not available except at considerable expense, or if your class of customer or product groupings differ significantly from those requested, approximations will be acceptable.

What to report – You are requested to provide a summary company level report on the shipments of groups of products from your company's manufacturing plants and sales branches and offices. This report should include data for all domestic subsidiaries, divisions, and establishments as reported on Form NC-K1, "Company Summary Form." You are requested in section 1 to allocate the shipments from your manufacturing plants, including movements within the company, according to type of customer; and in section 2 to further trace the shipments which move from or on order from company operated sales branches, sales offices, and administrative offices.

Product groups – (See accompanying Reference Manual PGL-(NC-K4M).) Report groups of the products for which you report shipments from manufacturing establishments in item 9, Form MA-100. However, the products have been grouped into a smaller number of categories for this report. The Reference Manual lists the product categories for which class of customer information is to be reported and describes the products, as reported on Form MA-100, which are to be summarized into the groups.

At the head of each column, enter the product code and description from the manual. In distributing your sales by class of customer, include products bought and resold in the same condition (resales) in their appropriate product group. Exclude, however, miscellaneous receipts and receipts for contract and commission work. In both sections 1 and 2, please estimate the percent of each product group which is resales, lines 15 and 28.

Allocation of sales and shipments – Special instructions on reporting sales for a few particular products are included in the instructions. Unless there are such special instructions, use the following standards in completing this report.

Section 1 – Allocate the shipments from your manufacturing plants to the classes of customers described. In section 1A, list those customers which represent within company shipments, i.e., to other plants of the company for further processing or to the company's own wholesale or retail outlets. For purposes of section 1A, your sales branches and sales offices, if any, are considered as customers. If you report sales on line 1 (shipments to or on order from sales branches, sales offices or administrative offices), you must also report in section 2. **Products should be valued f.o.b. plant as reported on Form MA-100.**

Section 2 – Products sold from sales branches, sales offices, and administrative offices should be valued at sales price to the customer.

DESCRIPTION OF CLASS OF CUSTOMER

(Corresponds to report form line number)

Section 1A – SHIPMENTS, SALES OR TRANSFERS TO OTHER ESTABLISHMENTS OF THIS COMPANY

1. Sales branches, sales offices, administrative offices – Include shipments to or on orders received through those establishments of your company which report on Form CB-51A–51L, Census of Business, "Manufacturers' Sales Branches and Offices." These are establishments operated by the company primarily to sell the products manufactured by the company, although they may also sell products made by other companies. (These are distinguished from merchant wholesale establishments of the company, SEE line 2.) Also, for purposes of this inquiry consider as a sales office any administrative office which handles sales of the company. These establishments report on Form NC-X6, "Central Administrative Offices and Auxiliaries."

Include as shipments to sales branches, sales offices and administrative offices not only the value of products actually shipped from the plant to these establishments, but also products shipped from the plant to customers on order from the sales branch or office. If any sales are reported on line 1, section 1, sales from sales branches and sales offices, you must also complete section 2.

2. Merchant wholesale establishments – Report shipments to or orders from any establishment operated by this company for which you report in the 1967 Census of Business on Form CB-50A–50R.

3. Retail stores or outlets – Report sales through separately operated retail stores for which a report is also required in the Census of Business.

4. Other manufacturing plants – Report all transfers or shipments from one manufacturing plant of this company to another whether for further processing, for use as a material or supply, or for resales by the other plants.

5. Other establishments – Report all transfers or shipments to other plants of this company, such as mining, transportation, service, etc.

Section 1B – SHIPMENTS TO OTHER COMPANIES, INDIVIDUALS, GOVERNMENTS, AND EXPORT

6. Wholesalers – Include all wholesale companies purchasing primarily for resale to other businesses or to institutions and not directly to household consumers or farmers.

7. Retailers – (Do not include shipments to your company's own retail outlets.) Include sales to businesses which sell merchandise for personal, household, or farm consumption. Include all chain stores, mail order houses, department stores, independent retailers, including independent route salesmen such as bakery or dairy truck distributors who sell directly to households.

8. Manufacturers – Report sales to companies known to be engaged in manufacturing. Include as manufacturers food processors such as meat packers, bakeries, and bottling plants; sheet metal operations; feed mixers; logging camps; sawmills; printing; publishing; apparel jobbers; machine shops.

9. Commercial and industrial users, construction, State and local governments, private and public institutions – Include all private firms and businesses not considered manufacturers, retailers, or wholesalers. Thus, include companies engaged in construction, mining, transportation; as well as utilities, restaurants, hotels, and other businesses providing services; include hospitals and schools, as well as State and local governments. (Report sales to the Federal Government separately.) **Lines 9b (and 22b) are used only for product groups for which special instructions appear in the Product Group Reference List.**

10. Individuals, household users, and farmers – Include all direct sales from the manufacturing plants to households, farmers, and individual users (including sales to your company's own employees at retail, even if at a discount). Companies which deliver products to customers should include route sales to households in this item (sales to stores, institutions, and restaurants). State and local governments should be reported in the appropriate category.

11. Federal Government – Include all sales to branches of the Federal government and to corporations owned by the Federal Government; include sales to military post exchanges, ship's stores and similar units.

If you operate manufacturing plants reporting on Census Form MA-175, "Report on Shipments to or Receipts for Work Done for Federal Government Agencies and Their Contractors and Suppliers," report as sales to government only those shipments made directly to the government. Indirect sales under subcontractor should be reported as shipments in the class of customer to which the prime contractor is classified, usually **other manufacturing companies.**

12. Export – Report sales for direct export, including shipments to your company's foreign subsidiaries and affiliates. Do NOT include shipments to domestic exporters which should be reported as sales to wholesalers.

13. Other – Report sales for all customers not listed in lines 6–12 (and 19-25).

14. Total shipments from manufacturing establishments – The sum of lines 1-13 should approximate the sum of product class shipments comprising the group reported in item 9, Form MA-100, of establishment reports with allowance for resales.

16. Total for product group reported in item 9 of Form MA-100 should equal the sum of product class shipments comprising the product group reported in item 9, Form MA-100.

Section 2 – SALES BY SALES BRANCHES, SALES OFFICES, AND ADMINISTRATIVE OFFICES – Lines 17-26 – Class of customer definitions are the same as for section 1B.

Name of person to contact regarding this report	Address *(Number and street, city, State)*	*ZIP code*	Telephone: Area code	Number	Extension

CERTIFICATION – This report is substantially accurate and covers the period from_____to_____

Name of company	Address *(Number and street, city, State)*	*ZIP code*

Signature of authorized person	Title	Date

Please continue on page 2

FORM NC-K4M – DISTRIBUTION OF SALES BY CLASS OF CUSTOMER

CENSUS FILE NO. ⟶ | | Page ____ of ____ pages

Line number	Class of Customer Categories		Key	Code and product group description (See Product Group Reference List) – *Report in thousands of dollars*											Key
	Section 1 - Report shipments from manufacturing establishments at same prices as reported on the individual 1967 Census of Manufactures establishments reports, i.e., f.o.b. factory value. Section 2 - Report sales from sales branches, sales offices, and administrative offices at final sales prices to customer.		1-1 2-1 3-1 4-1	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	1-1 2-1 3-1 4-1
	Section 1 – SHIPMENTS FROM MANUFACTURING ESTABLISHMENTS														
1	**A. To other establishments of this company**	To or on orders from separate sales branches, sales offices, and administrative offices (establishments for which Census Forms CB-51A - 51L and NC-X6 are filed) *(If you have entries on this line, complete section 2)*	1-2	$	$	$	$	$	$	$	$	$	$	$	1-2
2		Merchant wholesale establishments (for which Census Forms CB-50A - 50R are filed)	1-3												1-3
3		Retail stores or outlets	1-4												1-4
4		Other manufacturing plants	1-5												1-5
5		Other establishments *(Describe)*	1-6												1-6
6	**B. To other companies, individuals, governments, and export**	Wholesalers	1-7*												1-7*
7		Retailers	2-2												2-2
8		Manufacturers	2-3												2-3
9a		Commercial and industrial users construction, State and local governments, private and public institutions	2-4												2-4
9b		*(See note below)*	2-5												2-5
10		Individuals, households, and farmers	2-6												2-6
11		Federal Government	2-7												2-7
12		Export, including shipments to foreign subsidiaries. Exclude shipments to domestic exporters	2-8												2-8
13		Other *(Describe)*	2-9*												2-9*
14	**TOTAL** – (Sum of lines 1-13 should approximate the sum of product class shipments comprising the group reported in item 9, Form MA-100, of establishment reports with allowance for resales)		3-2												3-2
15	Approximate **percent** (omit decimals) of total shipments, included in line 14, that are products bought and resold without additional processing by your company		3-3XX	%	%	%	%	%	%	%	%	%	%	%	3-3XX
16	Total for product group reported on Forms MA-100		3-6												3-6
	Section 2 – SALES BY SALES BRANCHES, SALES OFFICES, AND ADMINISTRATIVE OFFICES *(Complete if entry was made on line 1)*														
17	**A. To other establishments of this company**	Retail stores and outlets	3-7												3-7
18		Other establishments *(Describe)*	3-8												3-8
19	**B. To other companies, individuals, governments, and export**	Wholesalers	3-9												3-9
20		Retailers	3-10*												3-10*
21		Manufacturers	4-2												4-2
22a		Commercial and industrial users, construction, State and local governments, private and public institutions	4-3												4-3
22b		*(See note below)*	4-4												4-4
23		Individuals, households, and farmers	4-5												4-5
24		Federal Government	4-6												4-6
25		Export, including shipments to foreign subsidiaries. Exclude shipments to domestic exporters	4-7												4-7
26		Other *(Describe)*	4-8												4-8
27	**TOTAL** – (Sum of lines 17-26 should approximate the total of the sales reported on Forms CB-51A – 51L and NC-X6)		4-9												4-9
28	Approximate **percent** (omit decimals) of total shipments, included in line 27, that are products bought and resold without additional processing by your company		4-10*	%	%	%	%	%	%	%	%	%	%	%	4-10*

NOTE– Use line 9b and 22b ONLY for product groups for which special instructions appear in Product Group Reference List.

PENALTIES FOR FAILURE TO REPORT — DUE DATE – April 30, 1968 — Budget Bureau No. 41-S67070; Approval Expires December 31, 1969

FORM NC-K4S (9995)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

NOTICE – Response to this inquiry is required by law (Title 13 U.S. Code.). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

1967 CENSUS OF MANUFACTURES

DISTRIBUTION OF SALES BY CLASS OF CUSTOMER

In correspondence pertaining to this report please refer to this file number.

NC-K4S (9995)

RETURN TO **JEFFERSONVILLE CENSUS OPERATIONS OFFICE**
Jeffersonville, Indiana 47130

CENSUS USE ONLY		Weight	P/G

PLEASE READ INSTRUCTIONS ON REVERSE SIDE BEFORE COMPLETING REPORT

(Please correct any errors in name and address)

DISTRIBUTION OF THE VALUE OF SHIPMENTS FROM MANUFACTURING ESTABLISHMENTS BY CLASS OF CUSTOMER: This report provides a summary of the distribution of the shipments of this company by class of customer. The total value of products distributed should approximately equal the total value reported on the 1967 Form MA-100 submitted by your company and should be at the same prices (f. o. b. factory or plant) as reported on that form. **Estimates are acceptable.**

Line number	Class of custome: categories (A)	Value of products shipped *(Thousands of dollars)* (B)	Key 1–1XXXXX 2–1XX 3–1
1	Shipments to wholesalers	$	1–7*
2	Shipments to retailers		2–2
3	Shipments to other manufacturers		2–3
4a	Shipments to commercial and industrial users, construction, State and local governments, private and public institutions		2–4
4b	*(See note below)*		2–5
5	Shipments to individuals, households, and farmers		2–6
6	Shipments to the Federal Government		2–7
7	Exports, including shipments to foreign subsidiaries. Exclude shipments to domestic exporters which are reported as wholesalers, line 1		2–8
8	Other *(Describe)*		2–9*
9	**Total** (Sum of **lines 1** through **8** should equal sum of values reported in items **9a** through **9j** and **9m** (resales) of your 1967 Form MA-100)		3–2
10	Enter the **percent** of **line 9** above representing goods manufactured by other companies bought and sold by this company without further fabrication	%	3–3
11	Receipts for work done for others on their materials (same as item **9k** of your 1967 Form MA-100)		3–4
12	Miscellaneous receipts (sum of receipts in item **9l** of your 1967 Form MA-100)		3–5
13	**Total** (**lines 9 + 10 + 11**; same as item **9n** of your 1967 Form MA-100)		3–6*

NOTE – Line 4b is to be used only if your primary product for 1967 is included on lists A and B shown under Special Instructions.

Remarks

Name of person to contact regarding this report	Address *(Number and street, city, State)*	*ZIP code*	Telephone: Area code	Number	Extension

CERTIFICATION – This report is substantially accurate and covers the period from _____ to _____.

Name of company	Address *(Number and street, city, State)*	*ZIP code*

Signature of authorized person	Title	Date

Please continue on page 2

GENERAL INSTRUCTIONS

As part of the 1967 Census of Manufactures, the Bureau of the Census is conducting this survey of the Distribution of Manufacturers' Sales by Class of Customer. This survey will provide a current analysis of the institutions through which the Nation's goods move from the manufacturer to the customer. The results are needed for the improvement of the national income and product statistics. The latest broad-scale survey of the distribution of sales covered 1958.

One Form (NC-K4S) should be completed by each company operating only one place of business during 1967. If you operate more than one separate place of business, please let us know and we will send you the correct form.

This report covering all of the domestic activities of the company will measure the flow of products from this company to its customers. Please report in column (B) the value of all of your products (whether made in your company or purchased and resold without further fabrication) shipped to each of the class of customer categories listed in column (A). Report shipments on consignment as though the merchandise had been sold at the time of the shipment. If such consignment shipments are to agents, consider the agent as a wholesaler.

Estimates are acceptable – We appreciate that there is no uniform system of sales analysis for all manufacturing companies and that reporting on this form will require some companies to resort to the use of estimates to a greater extent than is usually necessary for Census report forms. If you do not have records showing your sales by class of customer or if your sales analysis by customer class differs for some of the classes shown on this form, approximate figures will be acceptable. It is hoped that you can provide estimates that do not miss the actual figure by 2 or 3 percent of the total value of sales for the product group.

Form NC-K4S – should equal – **1967 Form MA-100**

Line 9 . . . . . Item 9a-9j and 9m (resales)
Line 10 . . . . . Item 9k
Line 11 . . . . . Item 9l
Line 12 . . . . . Item 9n

1. Wholesalers – Include all wholesale companies purchasing primarily for resale to other businesses or to institutions and not directly to household consumers or farmers. Include industrial distributors, drop shippers, desk jobbers, voluntary group wholesalers, retail cooperative warehouses and buying groups, as well as wholesale merchants, exporters and export intermediaries and similar types of operations.

2. Retailers – Include sales to businesses which sell merchandise for personal, household, or farm consumption. Include all chain stores, mail order houses, department stores, independent retailers including those who operate their own home service delivery routes such as independent bakery or dairy truck distributors.

3. Manufacturers – Report sales to companies known to be engaged in manufacturing. Include as manufacturers food processors such as bakeries; bottling plants; sheet metal operations; feed mixers; logging camps; sawmills; printing; publishing; apparel jobbers; producers of ready-mixed concrete; machine shops.

4. Commercial and industrial users, construction, State and local governments, private and public institutions – Include all private firms and businesses not considered manufacturers, retailers, or wholesalers. Thus, include in this item companies engaged in construction, mining, transportation; as well as utilities, restaurants, hotels, and other businesses providing services; include hospitals and schools, as well as **State and local governments.** (Report sales to the Federal Government separately.)

5. Individuals, household users and farmers – Include all direct sales from the manufacturing plants to households, farmers, and individual users, including sales to your company's own employees at retail, even if at a discount. Operating plants of the company which deliver products to customers should include route sales to households in this item (sales to stores, institutions, restaurants, State and local governments should be reported in the appropriate category).

6. Federal Government – Include all sales to branches of the Federal Government and to corporations owned by the Federal Government; include sales to military post exchanges, ship's stores and similar units.

If you report on Census Form MA-175, "Report on Shipments to or Receipts for Work Done for Federal Government Agencies and Their Contractors and Suppliers," report as sales to government only those shipments made directly as prime contractor. Indirect sales under subcontractor should be reported as shipments in the class of customer to which the prime contractor is classified, usually other manufacturing companies.

7. Export – Report sales for direct export, including shipments to your company's foreign subsidiaries and affiliates. Do **not** include shipments to domestic exporters which should be reported as sales to wholesalers.

SPECIAL INSTRUCTIONS

Line number	If your primary product for 1967 is –	Report amount of all 1967 shipments to –	Exclude such shipments from –
	List-A		
1	Wines and brandy	State and local governments on line 4b (Enter "State and local governments" in column A, line 4b)	Line 4a
2	Bottled liquors		
3	Gasolene and jet fuel		
4	Kerosene and fuel oil (distillate and residual)		
5	Asphalt, asphalt felts and coatings		
6	Wheel tractors, parts and attachments, except contractors, off-highway and garden types		
7	Track laying tractors, parts and attachments		
8	Construction and mining machinery		
9	Truck and bus bodies		
10	Truck trailers and chassis		
11	Trucks, truck chassis and truck tractors		
12	Motor coaches, fire department and combat vehicles		
	List-B		
1	Steel pipe and tubing	Construction and building contractors on line 4b (Enter "Construction" in column A, line 4b)	Line 4a
2	Builders' hardware		
3	Metal plumbing fixtures and fittings		
4	Heating and cooking equipment		
5	Fabricated structural iron and steel		
6	Sheet metal products		
7	Lighting fixtures, excluding incandescent vehicular lighting equipment, complete		
8	Household refrigerators and home and farm freezers		
9	Other refrigeration and air-conditioning equipment		
10	Insulated wire and cable		
	List-C		
1	Fresh meat and lard	Meat jobbers, wholesalers and retailers on line 1	Line 2
2	Cured meat and sausage		
3	Canned meats, except dog and cat food		
4	Poultry and small game		

REPORT SHIPMENTS TO –

Leather jobbers as shipments to wholesalers on line 1.

Textile converters as shipments to wholesalers on line 1.

Apparel jobbers as shipments to other manufacturers on line 3.

Military aircraft under the Mutual Security Program and the Military Defense Assistance Program as shipments to the Federal Government on line 6.

Producers of ready-mixed concrete as shipments to other manufacturers on line 3.

PENALTIES FOR FAILURE TO REPORT — DUE DATE—APRIL 30, 1968 — Form approved: Budget Bureau No. 41-66161

FORM MC-36B (3602) — U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

1967 CENSUS OF MANUFACTURES

SWITCHGEAR AND SWITCHBOARD APPARATUS AND INDUSTRIAL CONTROLS

RETURN TO: JEFFERSONVILLE CENSUS OPERATIONS OFFICE, Jeffersonville, Indiana 47130

NOTICE—Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report refer to this Census File Number ➘ — Employer Identification Number ➘

MC-36B (3602)

KEEP THIS COPY FOR YOUR FILES

PLEASE COMPLETE AND RETURN THE FORM WHICH SHOWS YOUR NAME AND ADDRESS

(Please correct if mailing address has changed)

PLEASE READ GENERAL INSTRUCTIONS ON PAGE 2 AND INSTRUCTIONS ACCOMPANYING EACH ITEM BEFORE COMPLETING

If book figures are not available, carefully prepared estimates are acceptable.

The Census Bureau reviews your report for completeness and consistency. To avoid correspondence, please complete every item. Enter "0" in items 2-8 if appropriate.

In all correspondence with the Census Bureau, include the 11-digit Census File Number in the upper left of the address box. High speed electronic equipment is used to identify both correspondence and reports. If your correspondence does not include the Census File Number, it will be returned to you for the addition of that number. **Please enter the 11-digit number in the File No. space provided at the top of all odd-numbered pages.**

ITEM 1 Physical location (a) and Employer Identification Number (b) Complete both (a) and (b)

a. **Is the address originally printed in the address box the ACTUAL PHYSICAL LOCATION of this establishment?**

☐ Yes—Complete lines (3), (4), and b. ☐ No—Complete lines (1) through (4), and b.

(1) Number and street (See note) | City, village, or other place

(2) State | ZIP code

Note—If location cannot be described by number and street, give name or number of highway and approximate distance from nearest town.

(3) **County in which your establishment is physically located**

(4) **Is the establishment physically located within the boundaries of the city or village?** 1 ☐ Yes 2 ☐ No

b. **Is the Employer Identification (E.I.) Number** printed in the address label the SAME as that used for this establishment on your latest 1967 Employer's Quarterly Federal Tax Return, Treasury Form 941?

☐ Yes ☐ No—If "No," enter currently assigned E.I. No. here ➘ (9 digits) __-_____

ITEM 2 Number of employees

Production workers—Workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspecting, receiving, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (e.g., powerplant), record keeping, and other closely associated services. Exclude proprietors and partners.

All other employees—Nonproduction personnel, including those engaged in the following: supervision above working foreman level, sales (including driver salesmen), sales delivery (including driver and helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, finance, legal, personnel (including cafeteria, etc.), professional and technical. Exclude proprietors and partners. (See also General Instructions, page 2.)

		Key
Number of production workers during pay period, including the 12th of the month	a. March	0-1
	b. May	0-2
	c. August	0-3
	d. November	0-4
e. **Sum of lines a–d**		0-5
f. Average number (divide line e by 4)		0-6
g. All other employees (pay period including March 12th)		0-7
h. **TOTAL (Sum of lines f and g)** ➘		0-8 *

NOTE ➧ Figures for dollars, man-hours, KWH should be rounded to thousands. However, you may enter figures to nearest dollars. Carefully enter your figures in the correct columns, e.g., if payroll is $1,125,628, report either: Mil. $ 1 | Thou. 126 | Dols. | OR Mil. $ 1 | Thou. 125 | Dols. 628

ITEM 3A Payrolls ($000) Enter the total (before deductions) of wages, salaries, bonuses, commissions, and other remunerations paid in 1967. Exclude payments to proprietors and partners. (See also General Instructions, page 2.)

	Mil.	Thou.	Dols.	
a. Production workers' wages	$			1-1
b. All other employees' salaries and wages				1-2
c. **TOTAL (Sum of lines a and b)** ➘	$			1-3

ITEM 3B—Not applicable to this form.

ITEM 4 Plant man-hours of production workers, by quarter (000) Report man-hours of production workers (as defined in item 2) for each calendar quarter (or comparable 13-week period) of 1967. Do **not** include hours for paid vacations, holidays or sick leave. Overtime hours should be actual hours, not straight time equivalent hours.

	Mil.	Thou.	Dols.	
a. January through March				1-4
b. April through June				1-5
c. July through September				1-6
d. October through December				1-7
e. **TOTAL (Sum of lines a–d)** ➘				1-8 *

ITEM 5 Cost of materials, fuels, electricity, contract work ($000) On lines a and e, report the cost of all items **actually consumed or put into production in 1967**, whether purchased or withdrawn from inventories. Purchase records may be used if purchases closely approximate consumption. "Cost" refers to amounts actually paid or payable after discounts, and includes freight and other direct charges incurred in acquiring the items. (See also General Instructions, page 2.) Item 5a should equal total of "Materials Consumed," item 17A (column D). Item 5c should equal total of "Fuels Consumed," item 17B (column D).

	Mil.	Thou.	Dols.	
a. Cost of materials, parts, components, containers, etc., consumed	$			2-1
b. Cost of products bought and resold as such				2-2
c. Cost of fuels consumed				2-3
d. Cost of purchased electricity				2-4
e. Cost of contract work done for you by others on your materials				2-5
f. **TOTAL (Sum of lines a–e)** ➘	$			2-6 *

ITEM 6 Inventories of this establishment ($000) Report all inventories of this establishment at the beginning and end of 1967 on a comparable basis. The reported figures should be in terms of cost (if feasible, on a current cost basis).

Inventories	Key	Beginning of 1967 Mil.	Thou.	Dols.	End of 1967 Mil.	Thou.	Dols.	
a. Finished products	3-1	$			$			3-5
b. Work-in-process	3-2							3-6
c. Materials, supplies, fuels, etc.	3-3							3-7
d. **TOTAL (Sum of lines a–c)** ➘	3-4	$			$			3-8 *

ITEM 7 Capital expenditures during year (Exclude land) ($000) Include all costs actually incurred **during 1967** chargeable to the fixed assets accounts and of the type for which depreciation accounts are ordinarily maintained. If you did **not** make any expenditure of the kind described, enter "0." (See also General Instructions, page 2.)

	Mil.	Thou.	Dols.	
a. New structures and additions to this plant	$			4-1
b. New machinery and new equipment				4-2
c. Used plant and used equipment acquired from others				4-3
d. **TOTAL (Sum of lines a–c)** ➘	$			4-4

ITEM 8 Electricity (1,000 KWH) Report kilowatt hours of electricity purchased.

	Bil.	Mil.	Thou.	Dols.	
Quantity of purchased electricity (for which cost is reported in item 5d), kilowatt hours ➘					4-5 XX

ITEMS 9, 10, and 11—Not applicable to this form.

ITEM 12 Legal form of organization

Legal form of organization of the company which operates this establishment—(X) appropriate box X-1

1 ☐ Individual proprietor
2 ☐ Partnership
0 ☐ Corporation (Do not mark if any form of cooperative association)
8 ☐ Co-op (cooperative association), corporate and noncorporate
9 ☐ Other—Specify _____

ITEM 13 Changes in ownership or operation and company affiliation

a. **Changes in ownership or operation** of this establishment during 1967. X-2

(1) ☐ No change in ownership or operation
(2) ☐ Reorganized (Describe in "Remarks," e.g., partnership change, or change in corporate status)
(3) ☐ Started new business—Date _____

Discontinued operations—Date _____
(4) ☐ Plant dismantled, abandoned or destroyed
(5) ☐ Plant idle or inactive but still owned

(6) ☐ **Mark this box** if plant was purchased or leased from another company. (Enter below: name, address, and Employer Identification Number (if known) of former owner or operator and date of purchase or lease.)

(7) ☐ **Mark this box** if plant was sold or leased to another company. (Enter below: name, address, and Employer Identification Number (if known) of new owner or operator and date of sale or lease.)

Name of company	Address (Number, street, city, State, ZIP code)	E.I. Number / Date
		__-_____

b. **Company affiliation**—Complete only if the first digit of your Census File Number (imprinted in the address box) is a zero "0." Census records indicate these companies operate only **one** place of business. (If "Yes" is marked for any line, complete item 14) X-3

(1) Is this company owned or controlled by any other company? 1 ☐ Yes 2 ☐ No
(2) Does this company own or control any other companies? 1 ☐ Yes 2 ☐ No
(3) Does this company operate more than one place of business? 1 ☐ Yes 2 ☐ No
(4) Did this company have any plants under construction but not in operation at the end of the year? 1 ☐ Yes 2 ☐ No

1	2	3	4	X	1	2	3	4	X-4	1	2	3	4	X	1	2	3	4	X-5 *

Please continue on Page 2

ITEM 14	Name and address and Employer Identification Number	Activity (Describe, e.g., retail, manufacture, etc. and chief products sold)	Payroll and sales ($000) Millions	Thous.	Dols	Are payrolls and sales included in this report? Yes	No
a. Other companies owned or business locations operated Complete if item 13b(2), (3) or (4) is marked "Yes"	1 Employer Identification Number _ _—_ _ _ _ _ _ _		Payroll $			☐	☐
			Sales				
	2 Employer Identification Number _ _—_ _ _ _ _ _ _		Payroll			☐	☐
			Sales				
	1 Employer Identification Number _ _—_ _ _ _ _ _ _		Payroll			☐	☐
			Sales				
b. Parent Company Complete if item 13b(1) is marked "Yes"	2 Employer Identification Number _ _—_ _ _ _ _ _ _						

ITEM 15 – Not applicable to this form.

Checks to assure a complete and accurate report

The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report: (1) Review the report carefully to see that no items are omitted for the year being covered; (2) Calculate and enter figures for the four "reasonableness" checks below, and review the results; (3) Correct your report for any errors you find; explain unusual figures in "Remarks."

"Reasonableness" checks	Calculation required for each check	Figures for 1967
a. Average hourly wages per production worker	Item 3Aa (Production workers' wages) ÷ item 4e (Total man-hours)	$
b. Hours worked per year per production worker	Item 4e (Total man-hours) × 1000 ÷ item 2f (Average number of production workers)	Hrs.
c. Salaries and wages per dollar of shipments	Item 3Ac (Total payroll) ÷ item 18 (Total value of shipments)	¢
d. Materials cost per dollar of shipments	Item 5f (Total materials cost) ÷ item 18 (Total value of shipments)	¢
e. Is the total for value of shipments (item 18) greater than the sum for payroll (item 3Ac) plus total cost of materials, etc. (item 5f) ☐ Yes ☐ No – Explain in "Remarks."		

GENERAL INSTRUCTIONS

A separate Census report is required for each manufacturing establishment; therefore, based on Census records, a report form is provided for each establishment which your company operated in 1967.

For purposes of the Census, a **manufacturing establishment** is defined as a single physical location where manufacturing operations are performed (e.g., a factory, mill, or plant). Thus a separate report is required for different physical locations even though the establishments may be engaged in the same line of manufacturing.

Please note that establishments engaged in the following activities are also considered to be manufacturing for the purposes of this Census: Poultry dressing; milk pasteurizing and bottling; seafood, fresh packaged or frozen; apparel jobbing and contracting; logging camps and logging; sawmills; printing; publishing—book, magazine, periodical, etc.; manufacturing and delivering ready-mixed concrete; machine shops, including those operating on a job order basis; job casting, stamping, machining; plating, galvanizing, polishing materials owned by others, etc.; ship and boat repairing.

In completing this report, a limited amount of prorating or estimating is acceptable if book records are not readily available. Include all the activities conducted **within** the establishment: e.g., manufacturing, fabricating, processing, and assembling; maintenance of plant and equipment; receiving, shipping, warehousing, storage; research; record keeping; health, safety, cafeteria, and other services.

Each report should cover the calendar year 1967. However, a report is required even if the establishment operated only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable. If reporting on a calendar year basis will require considerable additional costs, and your fiscal year covers at least 10 months of the calendar year 1967 (i.e., ends between October 31, 1967 and February 29, 1968), you may report on a fiscal year basis. However, all employment, payroll, and man-hour figures should relate to the calendar year rather than the fiscal year. (Calendar year payroll records should be available from your tax records.)

In the certification, enter the exact dates of the period covered by the report. If the ownership changed during the year, complete the report only for that part of 1967 in which your company owned and operated the establishment. Report in item 13 the appropriate information on changes in ownership or operations.

If additional report forms are needed, write to the Jeffersonville Census Operations Office. Be sure to describe the type of activity of the establishments for which the additional report forms are requested.

CONTINUATION OF INSTRUCTIONS FOR ITEMS 2, 3, 4, 5, and 7

(Definitions of employees and payrolls used to calculate withholding taxes generally may be followed in completing items 2 and 3A, Employment and Payrolls.)

Item 2. Number of Employees—Be sure to include all persons on paid sick leave, paid holidays, and paid vacation during the pay periods, as well as those actually working. Exclude members of armed forces and pensioners carried on your active rolls. Include officers at this establishment if a corporation; if an unincorporated concern, exclude proprietors or partners.

Item 3A. Payrolls—Report the gross earnings paid in the calendar year 1967 to employees on the payroll at the establishment prior to such deductions as employee's Social Security contributions, withholding taxes, group insurance premiums, union dues, and savings bonds. Include in gross earnings, commissions, dismissal pay, paid bonuses, vacation and sick-leave pay, and the cash equivalent of compensation paid in kind. Include salaries of officers at this establishment if a corporation; if an unincorporated concern, exclude payments to proprietors or partners. Exclude payments to agricultural employees, fishermen, members of armed forces, and pensioners carried on your active payroll.

Item 4. Plant Man-hours of Production Workers—If an employee elects to work during vacation periods, report only actual hours worked.

Item 5. Cost of Materials, Fuels, Electricity, and Contract Work—If actual consumption records are not available, cost of purchases may be used if these do not differ significantly from the amounts actually used. The consumption of any major item which differs significantly from purchases should be estimated by adding beginning inventories to the amounts purchased and subtracting from this total the cost of goods on hand at the end of the year.

Item 5a. Cost of Materials, Parts, Components, Containers, Supplies, etc., Consumed—Report the delivered cost of all raw materials, containers, scrap, and supplies, etc., which were: (1) put into production; (2) used as operating supplies; (3) used in repair and maintenance. Include also cost of materials owned by this establishment but consumed by other companies to make products for this establishment under contract. (The value of these products should be reported in item 18.) Amounts paid to other companies for such contract work should be reported on line 5e and should include freight out and in. If semi-finished goods, parts, or components were produced and incorporated into finished products at this plant during 1967, include the cost of raw materials used rather than the value of the intermediate products.

Include **only** value of **physical goods used** or put into production. Exclude cost of such **services** as advertising, telephone, telegram and cable, insurance; developmental, research, or engineering; management, marketing, and other professional consultants, etc., unless charges for such services are included in the prices paid for materials. Exclude also such **overhead** items as depreciation charges against plant and equipment; rent and rental allowances, interest payments, royalties, and patent fees. Exclude materials, supplies, machinery, and equipment which were used in the construction of new structures or additions to your plant, or new machinery and equipment, and which were chargeable to fixed assets accounts. Exclude products purchased and resold without further manufacturing, processing or assembling; their costs should be included in item 5b.

Item 5b. Cost of Goods Sold Without Further Manufacturing, Processing, or Assembling in this Establishment—Include all products bought and resold in the same condition as when purchased and not made part of another product manufactured by this establishment. (Total sales value of all products resold is to be reported in item 18 on the line for "Resales.")

Item 5c. Fuels Consumed—Report cost of all fuels (including gasoline) consumed for heat, power, transportation, and the generation of electricity.

Item 5e. Cost of Contract Work Done for You by Others on Your Materials—Report the total payments made during 1967 for any work done by others on materials furnished by your establishment, including freight out and in on the materials furnished by you.

Item 7. Capital Expenditures for this Establishment (Exclude expenditures for land)—Capital expenditures during 1967 may be determined by the following computation: The cost of additions completed during the year, plus construction in progress at the end of the year, minus construction in progress at the beginning of the year.

Item 7a. New Structures and Additions to Plant—Report total expenditures during 1967 for new construction (whether constructed on contract or by your own forces), major alterations, capitalized repairs, and improvement of buildings, including all new elevators, cranes, heating and ventilating equipment, essentially a part of the buildings. Also, other fixed structures (such as brick kilns, shipways, and similar types of structures), and site improvements (such as roads, docks, tracks, parking lots, fences, utilities).

Item 7b. New Machinery and New Equipment—Report total expenditures at this establishment for new production machinery and equipment and other new machinery and equipment. Include replacements, as well as additions to capacity. Include the value of capitalized improvements and repairs to machinery and machinery produced and used at this establishment. Include all new motors, lathes, punch presses and similar machinery and equipment for use in production, as well as all new office machines and fixtures, furniture, cafeteria and dressing room furnishings, automobiles and trucks, and other similar equipment.

Item 7c. Used Plant and Used Equipment Acquired from Others—Report total expenditures at this establishment for old or existing plants and for second-hand equipment acquired from others, including the U.S. Government. Include at approximate market value machinery or equipment transferred from other plants of your company.

Please continue on Page 3

FORM MC-36B (3602) — U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

1967 CENSUS OF MANUFACTURES

SWITCHGEAR AND SWITCHBOARD APPARATUS AND INDUSTRIAL CONTROLS - Continued

FILE NO.

Name of establishment (Same as address box)

Item 16 – INDUSTRIAL WATER USE DURING 1967 4–8

The total quantity of water intake (fresh and brackish) in this establishment during the entire year 1967 - (Mark one box only)

1 ☐ Under 1 million gallons
2 ☐ 1 to 9 million gallons
3 ☐ 10 to 19 million gallons
4 ☐ 20 to 99 million gallons
5 ☐ 100 million gallons or over

Item 17A – CONSUMPTION OF SELECTED MATERIALS DURING 1967

REPORT SEPARATELY FOR EACH LISTED MATERIAL THAT WAS ACTUALLY CONSUMED OR PUT IN PRODUCTION DURING 1967

Section I - CONSUMPTION OF MATERIALS PURCHASED OR RECEIVED FROM OTHER ESTABLISHMENTS

INSTRUCTIONS

Report delivered cost of the individual items below which were consumed or put in production during 1967. (See General Instructions (item 5), for valuation.)

Include materials owned by this establishment but consumed by other establishments to make products for this establishment under contract. (Report cost of this contract work in item 5e; and the value of the products produced in item 18.)

Exclude materials owned by others used in this plant to make products for other establishments under contract or on commission. However, report receipts for this contract work in item 18.

Line number	7 Materials, parts, and supplies (A)	7-1 Census material code (B-1)		Unit of measure for quantities (B-2)	7-2 Consumption of purchased materials and of materials received from other establishments of your company: If $5,000 or more of the listed item was consumed – Quantity (C)	7-3 Cost, including delivery cost (freight-in) (D) Millions 000	Thousands 000	Dollars 000	7-4 If you consumed some but less than $5,000 worth of the listed item, enter an (X) (E)
1	MILL SHAPES AND FORMS (EXCEPT CASTINGS) Carbon steel Bars and bar shapes	331011	7	Short tons		$			( )
2	Sheet and strip	331012	5	Short tons					( )
3	Plates	331013	3	Short tons					( )
4	Structural shapes	331015	8	Short tons					( )
5	All other carbon steel mill shapes and forms	331019	0	Short tons					( )
6	Alloy steel (except stainless)	331020	8	Short tons					( )
7	Stainless steel	331031	5	Short tons					( )
8	Copper and copper-base alloy Bare wire (for electrical conduction only)	335728	2	Thousand pounds					( )
9	Insulated wire and cable (Report copper content in column (C))	335790	2	Thousand pounds					( )
10	Rod, bar, and mechanical wire, including extruded and/or drawn shapes	335102	0	Thousand pounds					( )
11	Plate, sheet, and strip, including military cups and discs	335123	6	Thousand pounds					( )
12	Pipe and tube	335127	7	Thousand pounds					( )
13	Aluminum and aluminum-base alloy Sheet, plate, and foil	335202	8	Thousand pounds					( )
14	Extruded shapes, including extruded rod, bar, pipe, tube, etc.	335205	1	Thousand pounds					( )
15	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.)	335209	3	Thousand pounds					( )
16	CASTINGS (Rough and semifinished) Steel	332300	3	Short tons					( )
17	Aluminum and aluminum-base alloy	336100	3	Thousand pounds					( )
18	Copper and copper-base alloy	336200	1	Thousand pounds					( )

Please continue on page 4

Item 17A – CONSUMPTION OF SELECTED MATERIALS DURING 1967 – Continued

Section I – CONSUMPTION OF MATERIALS PURCHASED OR RECEIVED FROM OTHER ESTABLISHMENTS – Continued

Line number	Materials, parts, and supplies (A)	7	7-1 Census material code (B-1)		Unit of measure for quantities (B-2)	7-2 Consumption of purchased materials and of materials received from other establishments of your company: If $5,000 or more of the listed item was consumed – Quantity (C)	7-3 Cost, including delivery cost (freight-in) (D): Millions 000	Thousands 000	Dollars 000	7-4 If you consumed some but less than $5,000 worth of the listed item, enter an (X) (E)
	INDUSTRIAL ELECTRICAL CONTROL EQUIPMENT (Received for incorporation only into other industrial electrical control equipment shipped, as such, by this plant.)									
19	Purchased from other companies		362200	8			$			( )
20	Received from other plants of your company		362209	9						( )
21	Thermoplastic resins including modified resins. (Cellulosics, polyethylenes, styrenes, etc. Include solid and liquid, but exclude sheets and other shapes.)		282130	4	Thousand pounds					( )
22	Thermosetting resins (Melamines, phenolics, polyesters, ureas, etc. Include solid and liquid, but exclude sheets and other shapes)		282140	3	Thousand pounds					( )
23	All other materials and components, parts, containers, and supplies consumed.....		970099	8						
	(List the three principal "all other materials, etc," included in the above.)									
24	TOTAL → (Sum of lines 1-23 should be same as item 5a)					→	$			

Section II – CONSUMPTION OF CASTINGS PRODUCED IN THIS ESTABLISHMENT AND CONSUMED IN MANUFACTURING OTHER PRODUCTS MADE IN THIS ESTABLISHMENT

INSTRUCTIONS

Report below the quantity of each listed item produced in this establishment and consumed in manufacturing products made in this establishment.

Purchases or receipts of the items specified below should be reported only in section I.

Materials used to produce the items specified below should be reported in section I.

Quantities produced for sale as such and not for incorporation in other products should be reported in item 18.

Report quantities in the unit of measure specified in column (B-2).

Line number	Item (A)	7	7-1XXX Census material code (B-1)		Unit of measure for quantities (B-2)	7-5 Quantities produced in this establishment and consumed in manufacturing other products made in this establishment (F)
	CASTINGS (Rough and semifinished)					
1	Steel		332300	3	Short tons	
2	Aluminum and aluminum-base alloy		336100	3	Thousand pounds	
3	Copper and copper-base alloy		336200	1	Thousand pounds	

Item 17B - Not applicable to this form

Please continue on page 5

FORM MC-36B (3602)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1967 CENSUS OF MANUFACTURES

SWITCHGEAR AND SWITCHBOARD APPARATUS AND INDUSTRIAL CONTROLS - Continued

FILE NO.

Page 5

Name of establishment (Same as address Lox)

Item 18 - PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1967
PLEASE READ THE ENTIRE LIST OF PRODUCTS AND SERVICES BELOW BEFORE ANSWERING THIS INQUIRY

INSTRUCTIONS

Report net selling value, f.o.b. plant, after discounts and allowances and exclusive of freight charges and excise taxes.

Include products made elsewhere for this establishment on a contract basis from materials supplied by this establishment. (The cost of these materials should be included in items 5a and 17A.)

Exclude products made in this establishment on a contract basis from materials owned by others. Report commission or contract receipts on the appropriate line below. (Exclude materials consumed in making these items, from items 5a and 17A.)

Line 24 - The selling value, f.o.b. plant, of products which were resold as originally purchased and not used in further manufacturing, processing, or assembling of products made in this establishment.

TIE-IN LINES - This report requests totals for groups of products covered in more detail on Annual Census Surveys; MA-36A "Switchgear, Switchboard Apparatus, Relays and Industrial Controls," MA-38B "Selected Instruments and Related Products," MA-36K "Wiring Devices and Supplies," and MA-36N "Selected Electronic and Associated Products." The relationship of figures between this survey and those above is noted in columns (B-3 and B-4).

Line number	8 Products and services (A)	8-1 X Census product code (B-1)		Unit of measure for quantities (B-2)	Corresponds to the sum of products reported on — Census form (B-3)	Corresponds to the sum of products reported on — Codes (B-4)	8-3 Products shipped and other receipts Quantity (D)	8-4 Value, f.o.b. plant (E) Millions 000	Thousands 000	Dollars 000
1	Switchgear, except ducts and relays (36131)	36131 00	1		MA36A	3613111-3613183		$		
2	Power circuit breakers, all voltages (36132)	36132 00	9		MA36A	3613243				
3	Low voltage panelboards and distribution boards and other switching and interrupting devices, 750 volts and under (36133)	36133 00	7		MA36A	3613311-3613398				
4	Fuses and fuse equipment under 2300 volts, except power distribution cut-outs (36134)	36134 00	5		MA36A	3613431-3613493				
5	Molded case circuit breakers, 750 volts and under (36135)	36135 00	2		MA36A	3613511-3613532				
6	Duct, including plug-in units and accessories, 750 volts and under (36136)	36136 00	0		MA36A	3613611-3613631				
7	Relays, control circuit (36137)	36137 00	8		MA36A	3613701-3613703				
8	General industry power circuit devices and controls - industrial controls (36220)	36220 00	2		MA36A	3622012-3622099				
9	Integrating instruments, electrical	36111 00	3		MA38B	3611110-3611161				
10	Other electrical measuring instruments	36113 00	9		MA38B	3611312-3611385				
11	Power mercury arc rectifiers	36292 51	4	Number of units						
12	Current, carrying wiring devices, including lightning rods	36430 00	7		MA36K	3643001-3643098				
13	Electric conduit and conduit fittings	36442 00	2		MA36K	3644221-3644265				
14	Resistors for electronic applications	36793 00	8		MA36N	3679311-3679355				
15	Automatic temperature controls	38220 00	0		MA38B	3822012-3822018				
16	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT Describe and report separately for each product whose value was $50,000 or more and not listed above. (Specify unit of measure for quantity.) For all remaining products describe and report a single total value.									
17										
18										
19										

Please continue on page 6

Form MC-36B

Item 18 – PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1967 – Continued

Line number	Products and services (A)	8	8-1 Census product code (B-1)		Unit of measure for quantities (B-2)	8-3 Products shipped and other receipts: Quantity (D)	8-4 Value, f.o.b. plant (E): Millions 000	Thousands 000	Dollars 000
20	CONTRACT WORK Receipts for work done for others on their own materials..... (Describe products worked on and kind of work)		93000 00	8			$		
21	MISCELLANEOUS RECEIPTS Sales of scrap and refuse		99980 13	8					
22	Receipts for repair work		99980 61	7					
23	Other miscellaneous receipts		99980 98	9					
24	RESALES Sales of products bought and resold without further manufacture, processing or assembly in this establishment. (The cost of such items should be reported in item 5b.)		99989 00	6					
25	TOTAL → (Sum of lines 1-24 column (E))		77000 00	8	→	→	$		

Item 19 – Not applicable to this form.

Item 20 – SELECTED METALWORKING AND RELATED OPERATIONS PERFORMED IN THIS ESTABLISHMENT DURING 1967

		Key	Yes	No
Section I – Were any of the operations listed below performed in this establishment in 1967?.....Mark appropriate one....	9	9-1	208	
		9-2*	( )1	( )2

Section II – If "Yes," indicate in column (C) by marking appropriately, which of the specified operations were performed in this establishment during 1967. Where "Yes" is marked, show in column (D) the approximate number of production workers on all shifts usually engaged in the specified operation.

Line number	Operation (A)	9	9-1 Census code (B)	9-2 Was this operation performed in this establishment during 1967? (C) Yes	No	9-3 Number of production workers (on all shifts) usually employed when operated (estimate if necessary) (D)
1	Foundry (iron or steel)		018	( )1	( )	
2	Foundry (nonferrous, except die casting)		026	( )1	( )	
3	Electroplating and other plating		059	( )1	( )	
4	Heat treating of metals for production purposes		075	( )1	( )	
5	Automatic screw machine department		083	( )1	( )	
6	Machine shop		091	( )1	( )	
7	Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling		109	( )1	( )	
8	Pattern shop (foundry patterns only - metal, wood, etc.)		117	( )1	( )	
9	Plate or structural fabrication		125	( )1	( )	
10	Stamping, blanking and forming of metals		133	( )1	( )	
11	Painting, lacquering and enameling on metals		141	( )1	( )	
12	Plastics molding		158	( )1	( )	

Item 21 – Not applicable to this form.

Item 22

Name of person to contact regarding this report	Address (Number and street, city, State)	ZIP code	Telephone: Area code	Number	Extension

CERTIFICATION – This report is substantially accurate and covers the period from _____ to _____

Name of company	Address (Number and street, city, State)	ZIP code

Signature of authorized person	Title	Date

Use additional sheets of paper, if necessary, to complete any item or to submit any explanation. Identify each sheet with the 11-digit file number appearing over your name.

DUE DATE: THIRTY DAYS AFTER RECEIPT OF FORM

Budget Bureau No. 41-R2349; Approval Expires December 31, 1969

FORM MC-D-171 (9-12-67)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

DEPARTMENT OF DEFENSE ESTABLISHMENTS PRIMARILY ENGAGED IN MANUFACTURING AND ASSEMBLY AND/OR RESEARCH AND DEVELOPMENT OWNED AND OPERATED BY THE DEPARTMENT OF DEFENSE

(Includes shipyards)

(Supplement to the Annual Survey of Manufactures, Census Form MA-100)

NOTICE – Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

(Enter mailing address below.)

(PLEASE RETURN THIS COPY)

INSTRUCTIONS – This report is to be prepared by those Department of Defense establishments whose primary activities are manufacture and assembly and/or research and development. All shipyards are included.

The information requested is based upon reports now regularly prepared by most such establishments.

ITEM 1 – NAME AND PHYSICAL LOCATION OF ESTABLISHMENT ON DECEMBER 31, 1967

a. Name of establishment

Your answers to parts b, c, d, e, and f of this item should relate to the ACTUAL PHYSICAL LOCATION of this establishment which may be different from the mailing address.

b. Street and number of establishment location*

***If establishment location cannot be described by street and number, give name and number, if any, of road or highway and sufficient information to locate establishment, e.g., Rt. 25, 3 miles south of Charlesville.**

c. Type and name of place in which located *(Check first applicable type and enter name of place.)*

Type	Name of place
☐ City	
☐ Village or borough	
☐ Town	
☐ Township	
☐ Other *(Specify)*	

d. Is this establishment physically located within the legal boundaries of the place named in "c"?

☐ Yes ☐ No

e. County in which located

f. State

g. Telephone number of establishment *(Include area code)*

ITEM 3 – NATURE OF ACTIVITY

Describe briefly the kind of activity of this establishment.
If a manufacturing plant, list the three most important products.

ITEM 4 – EMPLOYMENT AND PAYROLLS IN CALENDAR YEAR 1967

(Civilian employees only)

Class of employee	Item code	Number of civilian employees in 1967 – At end of month (As reported on Civil Service form SF-113*) March (A)	June (B)	September (C)	December (D)	Sum of columns A, B, C, and D (E)	Column E divided by 4 (F)	Total wages and salaries of civilian employees *(Thousands)* (G)
a. Wage Board employees	41							$
b. All others	42							$
c. TOTAL CIVILIAN EMPLOYEES ——→ (Sum of lines a and b)	49							$

* The number of Wage Board employees (line a) should be the same as reported on line 7 of SF-113. The total (line c) should be the same as reported on line 1 of SF-113.

ITEM 5 – MAN-DAYS OF WAGE BOARD EMPLOYEES BY CALENDAR QUARTER 1967

Enter the total number of man-days of Wage Board employees for each calendar quarter of 1967. Do not include days paid for vacations, holidays, or sick leave.

Item code	1967 Quarterly period	Man-days *(Thousands)* (A)	Estimated number of man-hours** *(Thousands)* (B)
51	a. January through March		
52	b. April through June		
53	c. July through September		
54	d. October through December		
59	e. TOTAL, 1967 ——→ (Sum of lines a, b, c, and d)		

** Obtain figure for column B by multiplying column A by average number of hours per day Wage Board employees in this establishment . . . . . .

Please continue on page 2

USCOMM-DC

ITEM 6 — BILLINGS BY THIS ESTABLISHMENT DURING CALENDAR YEAR 1967

Enter below the specified classes of billings of this establishment for calendar year 1967.

Billings for products and services (including progress billings)	Item code	Value *(Thousands of dollars)*
Manufacture and assembly	61	$
Construction and conversion	62	$
Overhaul, repair and renovation	63	$
Alteration and modification	64	$
Research and development	65	$
Other billings	66	$
Total billings for products and services	67	$
Increase or decrease in unbilled costs of work in progress	68	$
TOTAL EARNED REVENUE →	69	$

ITEM 7 — COSTS DURING CALENDAR YEAR 1967

Types of costs incurred	Item code	Costs *(Thousands of dollars)*
Materials, supplies and parts used	71	$
Salaries and wages (same as item code 49, column (G))	72	$
Contractual services and other costs	73	$
TOTAL COSTS INCURRED →	79	$

ITEM 8 — CHECKS TO ASSURE A COMPLETE AND ACCURATE REPORT

(Please complete this item after you have answered all items on this report.)

The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To problems, please make the following checks before returning your report:

a. Review this report carefully to see that no items are omitted.
b. Calculate and enter the four "reasonableness" checks (described below), then review the resulting figures.
c. Correct your report for any errors you find; explain unusual figures in "Remarks" section.

"Reasonableness" checks	Calculation required for each check	Resulting figures for 1967
(1) Average hourly wages per Wage Board employee	Item code 41, column G (Wages paid Wage Board employees) ÷ item code 59, column B (Total estimated man-hours)	$
(2) Man-days per year per Wage Board employee	Item code 59, column A (Wage Board man-days in thousands) x 1,000 ÷ item code 41, column F (Average number of Wage Board employees)	Man-days
(3) Wages and salaries per dollar of earned revenue	Item code 72, (Wages and salaries of civilian employees) ÷ item code 69 (Total earned revenue)	$

(4) Is the total earned revenue (item code 69, total) greater than total costs incurred (item code 79, total)? . . . . . ☐ Yes ☐ No *(If "No," please explain in "Remarks" section.)*

ITEM 9 — REMARKS PERTAINING TO THIS REPORT

PERIOD OF REPORT

This report covers the period from _____ to _____

ITEM 10

Name of person to be contacted regarding this report	Address *(Street and number, city, State and ZIP code)*	Telephone *(Area code, number, extension)*

ITEM 11

CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.

Name of establishment	Address *(Street and number, city, State and ZIP code)*	
Signature of authorized official	Title	Date

FORM MC-D-171 (9-12-67)

USCOMM-DC

PENALTIES FOR FAILURE TO REPORT — DUE DATE – APRIL 30, 1968 — Form Approved: Budget Bureau No. 41-66161

FORM MA-100 — U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS

ANNUAL SURVEY OF MANUFACTURES

(For 1967 this is the first sheet of the 1967 Census of Manufactures form)

IND-D V

TAB 1

IND-T 2

AREA 3

4

INFL 5

CCS 6

PPN 7

NOTICE – Response to this inquiry is required by law (Title 13 U. S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report refer to this Census File Number

Employer Identification Number

RETURN TO JEFFERSONVILLE CENSUS OPERATIONS OFFICE, Jeffersonville, Indiana 47130

ITEM 1 Physical location and Employer Identification Number – Complete both a and b.

a. Is the address originally printed in the address box the ACTUAL PHYSICAL LOCATION of this establishment?

☐ Yes – Complete lines (3), (4), and section b.

☐ No – Complete lines (1) through (4), and section b.

(1) Number and street | City, village, or other place

(2) State | ZIP code

(3) County in which your establishment is physically located | (4) Is establishment physically located within the boundaries of the city or village? 1 ☐ Yes 2 ☐ No

NOTE – If location cannot be described by number and street give name or number of highway and approximate distance from nearest town.

(Please correct if mailing address has changed)

b. **Is the Employer Identification (E.I.) Number** printed in the address box the SAME as that used for this establishment on your latest 1967 Employer's Quarterly Federal Tax Return, Treasury Form 941? ☐ Yes ☐ No – If "No," enter currently assigned E.I. No. here (9 digits) _ _ – _ _ _ _ _ _ _

Be sure to read Instruction Manual before completing report. Report items 3 – 11, and 15 in **thousands** (Example: If total payroll is $215,166, enter $215.)

Complete each item, enter "0" when appropriate		a 1966	b 1967	Key
ITEM 2 Number of Employees	Number of production workers during pay period including the 12th of month: a. March			0-1
	b. May			0-2
	c. August			0-3
	d. November			0-4
	e. Sum of lines a – d →			0-5
	f. Average number (divide line e by 4, omit fractions)			0-6
	g. All other employees (pay period including March 12th)			0-7
	h. TOTAL (Sum of lines f and g) →			0-8*
ITEM 3A Payrolls ($000)	a. Production workers' wages			1-1
	b. All other salaries and wages			1-2
	c. TOTAL (Sum of lines a and b) →			1-3
ITEM 3B Suppl. labor costs not incl. in payrolls ($000)	a. Legally required expenditures, incl. social security contributions			V-8
	b. Payments for voluntary programs			V-9
	c. TOTAL (Sum of lines a and b) →			V-10
ITEM 4 Plant man-hours of production workers by quarter (000)	a. January through March			1-4
	b. April through June			1-5
	c. July through September			1-6
	d. October through December			1-7
	e. TOTAL (Sum of lines a – d) →			1-8*
ITEM 5 Cost of materials ($000) Line 5a should equal total of item 17A. Line 5c should equal total of item 17B.	a. Materials, parts, components, containers, etc., consumed			2-1
	b. Products bought and resold as such			2-2
	c. Fuels consumed			2-3
	d. Purchased electricity			2-4
	e. Contract work done for you by others on your materials			2-5
	f. TOTAL (Sum of lines a – e) →			2-6*

Complete each item, enter "0" when appropriate		a 1966	b 1967	Key
ITEM 6 Inventories of this establishment at end of year ($000)	a. Finished products	3-1		3-5
	b. Work-in-process	3-2		3-6
	c. Materials, supplies, fuels, etc.	3-3		3-7
	d. TOTAL (Sum of lines a – c)	3-4		3-8*
ITEM 7 Capital expenditures during year ($000) See also item 15, page 2	a. New structures and additions to this plant (exclude land)			4-1
	b. New machinery and equipment			4-2
	c. Used plant and equipment			4-3
	d. TOTAL (Sum of lines a – c)			4-4
ITEM 8 Quantity of electricity (Thousands of KWH)	a. Purchased electricity (cost is reported in 5d)			4-5
	b. Generated electricity (gross less generating station use)			4-6
	c. Electricity sold or transferred to other establishments			4-7
ITEM 10 Gross book value fixed assets (original cost, end of year) ($000)	a. Buildings and other structures (exclude land)			5-X
	b. Machinery and equipment			5-2
	c. TOTAL → (Sum of lines a and b)			5-3
				5-4
ITEM 11 Rental payments See manual ($000)	a. Buildings and other structures (exclude land)			5-5
	b. Machinery and equipment			5-6
	c. TOTAL → (Sum of lines a and b)			5-7*

ITEM 9 – Quantity and value of products shipped and other receipts ($000)

The data reported in this item should be consistent with those given in item 18 for each product class (5-digit code) and for total shipments

Product classes of this establishment. If printed descriptions are incorrect, please revise. Describe all additional products. If more lines are needed, use item 9 (Continued), page 2 (a)	Product class code (See Manual) (b) 6-1	Unit of quantity (c)	1966 Quantity (d)	1966 Value ($000) (e)	1967 Quantity (f) 6-2	1967 Value ($000) (g) 6-3*
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
j. Enter TOTAL from page 2, item 9 (Continued), line e →						
k. Receipts for work or services you performed for others on their materials (Describe)	930008					
l. Miscellaneous receipts (repair work, installation, sales of scrap, etc. (Describe)	999805					
m. Sales of products bought and resold without further manufacture, processing, or assembly (Report cost in item 5b.)	999896					
n. TOTAL (Sum of lines a - m) →	770008					
1 2 3 4 1 2 3 4 X-4			1 2 3 4 1 2 3 4 X-5*			

Please continue on page 2

ITEM 3 — Continued
Quantity and value of products shipped and other receipts ($000)

Additional products of this establishment (Describe) (a)	Product class code (See Manual) (b) 5-1	Unit of quantity (c)	1966 Quantity (d)	1966 Value ($000) (e)	1967 Quantity	1967 Value ($000) 5-3 *
a.						
b.						
c.						
d.						
e. TOTAL. Transfer to page 1, item 9, line j) →						

ITEM 12
Legal form of organization at end of 1967

Legal form of organization of the company which operates this establishment — (X) appropriate box X-1

1 ☐ Individual proprietor
2 ☐ Partnership
0 ☐ Corporation — (Do not mark if any form of cooperative association)
8 ☐ Co-op (Cooperative association), corporate and noncorporate
9 ☐ Other — (Specify) _____

ITEM 13
Changes in operator, operations or company affiliation

a. Changes in operator or operations of this establishment during 1967 X-2

(1) ☐ No change in operator or operations
(2) ☐ Reorganized, (Describe in "Remarks," e.g., partnership change, or change in corporate status)
(3) ☐ Started new business — Date _____
(4) ☐ Plant dismantled, abandoned, or destroyed
(5) ☐ Plant idle or inactive but still owned
(6) ☐ Establishment purchased or leased from another company (Enter below: Name, address, and Employer Identification Number (if known) of former owner or operator and date of purchase or lease.)
(7) ☐ Establishment sold or leased to another company (Enter below: Name, address, and Employer Identification Number (if known) of new owner or operator and date of sale or lease.)

Discontinued operations — Date _____

Name of company	Address (Number, street, city, State, ZIP code)	E.I. Number (9 digits) / Date

(8) If establishment was purchased, indicate whether the records of the predecessor company were also acquired
1 ☐ Yes 2 ☐ No

(9) If establishment was sold, indicate whether successor also acquired records V-11
1 ☐ Yes 2 ☐ No

b. Company affiliation — Complete only if the first digit of your Census File Number (imprinted in the address box) is a zero "0." Census records indicate these companies operate only one establishment. (If "Yes" is marked for any line complete item 14) X-3 † V-12

(1) Is this company owned or controlled by any other company? ..... 1 ☐ Yes 2 ☐ No
(2) Does this company own or control any other companies? ..... 1 ☐ Yes 2 ☐ No
(3) Does this company operate more than one establishment? ..... 1 ☐ Yes 2 ☐ No
(4) Did this company have any manufacturing plants under construction but not in operation at the end of the year? . 1 ☐ Yes 2 ☐ No

ITEM 14
a. Other companies owned or establishments operated
Complete if item 13b (2), (3), or (4) is marked "Yes."

Name and address and Employer Identification Number	Activity (Describe, e.g., manufacturing, retail, wholesale etc., and chief products sold)	Payroll and sales ($000)		Are payrolls and sales included in this report? Yes	No
1 Employer Identification Number _ _ – _ _ _ _ _ _ _		Payroll		☐	☐
		Sales			
1 Employer Identification Number _ _ – _ _ _ _ _ _ _		Payroll		☐	☐
		Sales			
1 Employer Identification Number _ _ – _ _ _ _ _ _ _		Payroll		☐	☐
		Sales			

b. Parent company
Complete if item 13b (1) is marked "Yes"

2 Employer Identification Number _ _ – _ _ _ _ _ _ _					

ITEM 15
Force account capital expenditures

Of the capital expenditures for new structures and buildings reported for 1967 in item 7a, page 1, indicate the value put in place by your own labor force V-13

1 ☐ None
2 ☐ Under $100 thousand
3 ☐ $100 thousand or more — (Specify amount) ..... $_____ (Thousands) V-14 *

Checks to assure a complete and accurate report

The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report: (1) Review the report carefully to see that no items are omitted [illegible] (2) Calculate and enter figures for the four "reasonableness" checks below, and review the results; (3) Correct your report for any errors you find; explain unusual figures in "Remarks."

"Reasonableness" checks	Calculation required for each check	1967
a. Average hourly wages per production worker	Item 3Aa (Production workers' wages) ÷ item 4c (Total man-hours)	
b. Hours worked per year per production worker	Item 4e (Total man-hours) × 1000 ÷ item 2f (Average number of production [illegible])	hrs.
c. Salaries and wages per dollar of shipments	Item 3Ac (Total payroll) ÷ item 9 (Total value of shipments)	¢
d. Materials cost per dollar of shipments	Item 5f (Total materials cost) ÷ item 9 (Total value of shipments)	¢

e. Is the total for Value of Shipments (item 9) greater than the sum for Payroll (item 3Ac) plus total Cost of Materials, etc. (item 5f) ☐ Yes ☐ No — Explain in "Remarks"

f. Do the figures in item 9 agree with those reported in item 18 for each 5-digit product class and for Total Value of Shipments ☐ Yes ☐ No — Explain in "Remarks"

Remarks

FORM MA-100

Please continue on page 3

DUE DATE: APRIL 30, 1968

Budget Bureau No. 41-R1524; Approval Expires December 31, 1972

FORM MA-101(Rev.) (11-2-67)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

NOTICE – Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

EXPENDITURES FOR PLANT AND EQUIPMENT DURING 1967 FOR MANUFACTURING ESTABLISHMENTS UNDER CONSTRUCTION

Annual Survey of Manufactures
(1967 Census of Manufacturers)

Please read instructions on reverse side before completing

(Please correct if name or address has changed)

RETURN TO Jeffersonville Census Operations Office
Jeffersonville, Indiana 47130

NOTE: The industry totals compiled from data filed on this form will be published by the Bureau of the Census in the 1967 Census of Manufactures series as soon as possible after all reports are received.

(PLEASE RETURN THIS COPY)

ITEM 1 Did your company have ANY manufacturing establishments under construction but not in operation as of December 31, 1967? ☐ Yes – *If "Yes," please complete items 2, 3, 4, and 5* ☐ No – *If "No," complete items 4 and 5 only*

ITEM 2 Manufacturing establishments under construction or renovation but not in operation during 1967

(a)

(b) **IMPORTANT**–Figures should be rounded to thousands. *Please be careful to enter your figures in the correct columns.*

EXAMPLE – If amount is $1,125,628.28, report as → $ 1 | 126 | XX

Item	Millions	Thousands	Dollars	(c) FOR CENSUS USE
New plants and structures *(Exclude land)*			XX	1 – ID
				2 – TAB
New machinery and equipment			XX	3 – IND
				4 – AREA
Used plant and used equipment			XX	5 – INFL
TOTAL →			XX	6 – S

Name

Address *(Number and street – give actual physical location not mailing address)*

City | County | State and ZIP code

Principal products to be made or activities to be conducted at this establishment

Name

Address *(Number and street – give actual physical location not mailing address)*

City | County | State and ZIP code

Principal products to be made or activities to be conducted at this establishment

Name

Address *(Number and street – give actual physical location not mailing address)*

City | County | State and ZIP code

Principal products to be made or activities to be conducted at this establishment

Name

Address *(Number and street – give actual physical location not mailing address)*

City | County | State and ZIP code

Principal products to be made or activities to be conducted at this establishment

ITEM 3 Have any of the capital expenditures reported above been included on Form MA-100 for any of your establishments in operation during 1967? ☐ Yes – *If "Yes," please explain below* ☐ No

ITEM 4

Name of person to contact regarding this report	Address *(Number, street, city, State, ZIP code)*	Telephone: Area code	Number	Extension

ITEM 5 **CERTIFICATION** – This report is substantially accurate and covers all capital expenditures made by this company for manufacturing facilities (except capital expenditures reported in item 7 of Form(s) MA-100, Annual Survey of Manufactures, prepared for each of its operating manufacturing establishments).

Period covered From	To	Signature of authorized person	Title	Date

If additional space is needed, use a separate sheet and identify each item

USCOMM-DC

EXPENDITURES FOR PLANT AND EQUIPMENT DURING 1967 FOR MANUFACTURING ESTABLISHMENTS UNDER CONSTRUCTION

ANNUAL SURVEY OF MANUFACTURES (1967 CENSUS OF MANUFACTURES)

INSTRUCTIONS

The information reported on this form should be for manufacturing establishments under construction or renovation and **not in operation** during the calendar year 1967. Expenditures for any plant in operation (those which had employees, inventories, or made shipments) during the calendar year should be reported on the Annual Survey of Manufactures form(s) MA-100, and they should not be duplicated in this report. The sum of the figures shown in column (b) of item 2 of this report and in item 7 of form(s) MA-100 should account for all capital expenditures (exclusive of those for land) made by this company and its subsidiaries and affiliates during the calendar year 1967 for manufacturing facilities in the United States.

Report expenditures by this company, its subsidiaries, and affiliates during the year, for construction and equipping **new manufacturing establishments, or for renovating existing manufacturing establishments**, that were not actually in operation during the year.

Expenditures refer to all costs actually incurred **during the calendar year 1967**, which are chargeable to fixed assets accounts, and are of the type for which depreciation accounts are ordinarily maintained. These expenditures cover the acquisition, construction, and major alteration of buildings, and other fixed plants and structures (whether on contract or by your own forces) and the acquisition of machinery and equipment. **Expenditures are equal to construction and other additions to fixed assets completed during 1967, plus construction-in-progress at the end of 1967, minus construction-in-progress at the beginning of 1967.**

Do not include any expenditures on these projects actually made prior to or after the calendar year. For example, if construction of a new plant is begun before and is completed after 1967, only those costs chargeable to fixed assets accounts which were actually incurred during the calendar year should be reported. If your records do not show the exact information needed, please make careful estimates.

Column (a) – Principal products to be made or activities to be conducted at this establishment – Describe briefly the kind of business that will be conducted at the establishment. List the principal types of products that will be produced.

Column (b) – New plants and structures – Report total expenditures during the calendar year for new construction and major alterations of buildings, including all new elevators, cranes, heating and ventilation equipment, essentially a part of the buildings; other fixed structures (such as blast furnaces, brick kilns, fractionating towers, shipways, and similar types of structures); and site improvements (such as roads, docks, tracks, parking lots, fences, utilities, etc.). Exclude expenditures for land.

New machinery and equipment – Report total expenditures during the calendar year for machinery and equipment acquired in new condition for use in production, and other purposes in plants under construction or renovation. Examples are motors, lathes, punch presses, automobiles, trucks, office machinery and equipment, furniture, cafeteria facilities, etc.

Used plant and used equipment – Report total expenditures during the calendar year for acquisition of old or existing plant and second-hand equipment from others, including the U.S. Government, for use in establishments under construction.

If you have any questions regarding form MA-101, please communicate with the Jeffersonville Census Operations Office, Jeffersonville, Indiana 47130. Please complete this report and return by April 30, 1968, in the enclosed envelope, which requires no postage. Your cooperation will be greatly appreciated.

FORM MA-101 (REV.) (11-2-67) USCOMM-DC

PENALTY FOR FAILURE TO REPORT — DUE DATE: APRIL 30, 1968 — Form Approved: Budget Bureau No. 41-S67015

FORM CB-51J-1 (5110)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1967 CENSUS OF BUSINESS

MANUFACTURERS' SALES BRANCHES AND SALES OFFICES

ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

NOTICE—Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to this Census File Number

Employer Identification No.

CB-51J-1 (5110)

GENERAL INSTRUCTIONS

Please complete and return this form in the envelope provided.

A separate report is required on this form for each sales branch and sales office operated during 1967. Each sales office without stock should be reported separately as well as each sales branch carrying stocks of merchandise from which deliveries are made to customers. Sales branches and sales offices located at plants or administrative offices should be reported on this form where separate records are available, or if substantially accurate reports can be prepared. Employment, payroll, inventories, and operating expenses reported here should not be included in manufacturer's plant reports (MC series). Sales, however, will to some extent duplicate shipments on your plant reports.

This report should cover only the establishment identified in the address block.

This report should cover the calendar year 1967 or, if records are maintained on a fiscal year basis, the report should cover the fiscal year which includes at least 10 months of 1967.

If book figures are not available, enter your best estimates.

If unusual circumstances should cause an undue burden in filing by the due date, or if you have any questions, please write to the **Jeffersonville Census Operations Office, Jeffersonville, Indiana 47130.**

1. NAME AND PHYSICAL LOCATION

a. Is the name shown in the label the name by which this establishment is known to the public?

☐ Yes ☐ No (If "No," enter trade name above the label.)

b. Is the address in the label—

1. ☐ The mail address of your establishment but **not** the actual physical location.
2. ☐ The mail address of your establishment (including number and street) which also is its actual physical location.
3. ☐ Neither of the above (e.g. accountant's office).

(NOTE: If you marked box 1 or 3, **or** number and street are not shown in the label, complete **c, d,** and **e** below. If you marked box 2, complete **d** and **e** below.)

c. Enter following physical location information

Number and street	City, village, or other place
State	ZIP code

(NOTE: If location cannot be described by number and street give name or number of highway and approximate distance from nearest town.)

d. Enter name of county in which your establishment is located..... _____

e. Is your establishment physically located within the boundaries of the city, village, or other place specified in the label or in "c"?

1 ☐ Yes 2 ☐ No

2. EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification (EI) Number printed in the address label the SAME as that used for this establishment on your latest 1967 Employer's Quarterly Federal Tax Return, Treasury Form 941?

☐ Yes ☐ No (If "No," enter the currently assigned EI Number here (9 digits)) → _ _ _ - _ _ _ _ _ _ _

3. LEGAL FORM OF ORGANIZATION OF COMPANY OPERATING THIS ESTABLISHMENT — X-1

1 ☐ Individual proprietor
2 ☐ Partnership
0 ☐ Corporation (Do **not** mark if any form of cooperative association)
8 ☐ Co-op (cooperative association), corporate or noncorporate
9 ☐ Other (Specify)_____

4. PERIOD OPERATED IN 1967 — X-2

a. Was this establishment in business at the end of 1967?..... 1 ☐ Yes 2 ☐ No

(NOTE: For establishments which were inactive during December 1967 due to seasonal or part-time operations, answer "Yes," unless the establishment was not owned at the end of the year.)

b. How many months during 1967 did you own this establishment?..... Months — X-3

5. TOTAL SALES IN 1967

Line a—Total net sales after deducting returns, allowances, and discounts, but include excise taxes and sales taxes. Include all company sales credited to the sales branch or sales office even though billings may be made from a central or district office and shipments made from a plant or central warehouse. Also include, at wholesale prices, sales or transfers to any retail stores you may own. Include any receipts from services rendered customers, but do not include any receipts derived from sources other than customers.

Line b—Approximate percentage of sales, (item 5a), if any, accounted for by goods produced by your company, your parent company or companies corporately affiliated with your company.

Line c—Approximate percentage of 1967 sales (item 5a), if any, made by this establishment to household consumers, individual users, and farmers.

Line d—Approximate percentage, if any, of your 1967 sales (item 5a) to construction contractors and builders of all types (general contractors, highway, street, and other heavy construction contractors; and to special trade contractors).

Line e—Report the approximate percentage of your 1967 sales to retailers of all types (retail chain organizations, independent stores, department stores, etc.).

Line f—Total receipts, if any, from work done by your employees at construction site—including the value of any goods you put in place that became a permanent part of the structure or building. Amount reported here should also be included in items 5a and 12.

	Dollars	Cents	Key
a. TOTAL SALES and other operating receipts		XX	X-4 XXX
	Percentage		
b. Products produced by this or other establishments of your company	%		X-8 ↓
c. To household consumers, individual users, and farmers	%		1-1
d. To contractors and builders	%		1-2
e. To retailers for resale	%		1-3 *
f. Did this establishment do any construction work in 1967?.....	1 ☐ Yes	2 ☐ No	X-9
	Dollars	Cents	
If "Yes," report the value of construction receipts during 1967.		XX	X-10 *

6. PAYROLL AND EMPLOYMENT

Line a—Report total wages, salaries, bonuses, commissions, fees, and other remuneration paid to your employees during 1967, **before** deductions such as employees' Social Security contributions, withholding taxes, group insurance premiums, union dues, and savings bonds. INCLUDE such items as dismissal pay, vacation and sick leave pay, the cash equivalent of payment in kind (such as goods, lodging, food, and clothing). INCLUDE salaries of officers, if a corporation. DO NOT include compensation or payments to, or withdrawals by, proprietors or partners of an unincorporated business.

Line b—Report all employees on the payroll in the pay period including March 12, 1967. INCLUDE all those on paid sick leave, paid holidays, and paid vacations. INCLUDE salaried officers and executives, if a corporation. DO NOT INCLUDE proprietors and partners, if an unincorporated business. On this census report show the number of employees of this establishment.

	Dollars	Cents	Key
a. Total ANNUAL payroll in 1967 before deductions		XX	2-1
b. Number of paid employees for the pay period including March 12, 1967	Number		2-2
	Dollars	Cents	
c. Payroll for the FIRST QUARTER of 1967		XX	2-3 →

7. EMPLOYMENT BY PRINCIPAL ACTIVITY

Distribute here the employees reported in item 6 according to their principal activity during the workweek ended nearest March 12, 1967. Each employee should be counted only once, according to his or her principal activity.

Selling employees—All employees primarily engaged in selling merchandise or services (traveling salesmen, house or telephone salesmen, etc.).

Office, clerical, warehouse employees—Employees primarily engaged in office, clerical, and warehouse work for this establishment (see instruction for central administration).

Central administration—Employees primarily engaged in performing various management, accounting, clerical, warehousing, etc. services for other establishments of your company.

	Approximate number of employees	Key
a. Selling employees		2-7
b. Office, clerical, and warehousing employees servicing this establishment		2-8
c. Central administration, storage, etc.		2-9
d. Manufacturing (processing merchandise)		2-10
e. Other (Describe)		2-11 *
f. **TOTAL** (Should equal item **6b**) →		

100-027

8. OPERATING EXPENSES AND INVENTORIES

Line a—Include, in addition to other operating expenses, the payroll of this establishment and the pro rata share of any general office expense. Do not include the cost of merchandise. Do not include income taxes and excise taxes.

Line b—Report inventories of goods for sale at cost value rather than sale price. Include goods owned by you and consigned to others, but not goods of others in your possession. Report inventories as of the date specified, or nearest inventory date.

	Dollars	Cents	Key
a. Total 1967 operating expenses, including payroll		XX	2-4
b. Merchandise inventories, at cost			
(1) December 31, 1967		XX	2-5
(2) December 31, 1966		XX	2-6

9. WAREHOUSE, STOCKROOM, AND OTHER INVENTORY STORAGE SPACE, DECEMBER 31, 1967

Lines (1) and (2)—Exclude floor space occupied by interior walls, permanent aisles, elevator shafts, stairways, offices, receiving and shipping platforms, etc.

Line b—If your company, your parent company, or a company corporately affiliated with your company, owns the building (or portion of the building) in which your merchandise is warehoused and does not lease space, mark the first box. If it leases space only, mark the second box. However, if it owns a part of the warehouse space and also leases space, mark the third box.

Line c—Mark the year or period in which the warehouse (or principal building, if more than one) was built.

a. Occupiable warehouse floor space (under roof)—occupied and unoccupied—of this establishment	Square feet	Key
(1) In single story building		3-1
(2) In multiple-story building		3-2
(3) **TOTAL FLOOR SPACE (Sum of lines (1) and (2))**		3-3

b. Mark the appropriate box — 3-4

1 ☐ We own the building
2 ☐ We lease the building
3 ☐ We own a building AND also lease space

c. Mark the appropriate box — 3-5

1 ☐ Completed in 1966–67
2 ☐ 1960–65
3 ☐ 1955–59
4 ☐ 1950–54
5 ☐ 1945–49
6 ☐ 1940–44
7 ☐ 1930–39
8 ☐ 1920–29
9 ☐ 1910–19
0 ☐ Prior to 1910
X ☐ Prior to 1940 but age unknown

10. MATERIALS HANDLING EQUIPMENT USED, MID-DECEMBER 1967

a. Did you operate the following equipment in this place of business, mid-December 1967?	3-6X Yes	No
Conveyor	1	2
Towline	1	2
Overhead track	1	2
Crane	1	2
Elevator	1	2

b. Enter the number of each of the following used in this establishment, mid-December 1967	Number	Key
(1) Fork-lift trucks		3-8
(2) Other motorized materials handling equipment		3-9

11. TRUCKS, TRUCK TRACTORS, AND TRUCK TRAILERS OPERATED, MID-DECEMBER 1967—Include all street and highway-type vehicles owned or leased without drivers. Exclude vehicles held for sale and any vehicles leased by you to others.

a. 1 ☐ None—Mark if this establishment operated none of the vehicles described below. — 3-10*

b. Number and type of vehicles operated mid-December 1967

4	4-1	4-2	4-3	4-4*
Type	Code	Number of vehicles: Total	Owned	Leased (without drivers)
Trucks, by body type				
(1) Closed top vans	1			
(2) Open top vans, platform, stake, other open top trucks	2			
(3) Pick-up, standard panel, or other light delivery trucks	3			
(4) Other over-the-road trucks	4			
Truck tractors and trailers				
(1) Truck tractors	8			
(2) Semitrailers and full trailers	9			

12. ANALYSIS OF SALES BY PRODUCTS OR COMMODITY LINES – Enter below, the total dollar sales of each product sold by this branch or office. Products are listed by classification codes which are similar (at a less detailed level) to those shown on the reporting forms for your manufacturing plants. Report value of products bought and sold as well as value of products produced by your company and sold by this establishment. If figures based on records are not available, give best possible approximations.

V Description	Code	Estimated sales during 1967 Dollars	Cents	Census Use Only
Electrical Industrial Equipment				
1. Equipment for testing electrical, radio, communications circuits, motors	36112		XX	701
2. Other electrical measuring instruments	36111, 36113		XX	702
3. Power, distribution transformers	36122		XX	703
4. Other transformers	36121, 36123		XX	704
5. Switch gear ducts, relays	36131, 36133, 36134, 36136, 36137		XX	705
6. Circuit breakers	36132, 36135		XX	706
7. Fractional horsepower motors	36211		XX	707
8. Integral horsepower motors, generators	36212		XX	708
9. Motor generator sets, other rotating equipment	36215		XX	711
10. Other motors, generators	36213, 36214		XX	712
11. Parts, supplies for motors, generators	36216		XX	713
12. General industrial power circuit devices, controls	36220		XX	714
13. Welding appartus	36230–36233		XX	715
14. Carbon and graphite products	36240		XX	716
15. Electric industrial goods, n.e.c.	36290–36293		XX	717
Electrical Household Equipment				
16. Household cooking equipment	36310–36312		XX	718
17. Household refrigerators, home, farm freezers	36320, 36322		XX	719
Electrical Household Equipment – Continued				
18. Household laundry equipment	36330 36332		XX	720
19. Electric housewares, fans, parts	36340–36344		XX	722
20. Household vacuum cleaners	36350		XX	723
21. Sewing machines	36360		XX	724
22. Household appliances, n.e.c.	36390–36393		XX	725
Lighting Fixtures, Current Carrying Devices				
23. Electric lamps	36410		XX	726
24. Residential type electric fixtures	36421, 36427		XX	727
25. Commercial, institutional, industrial type electrical fixtures	36422, 36423		XX	728
26. Vehicular lighting equipment electrical	36424		XX	731
27. Other electric and nonelectric lighting equipment	36425, 36426		XX	732
28. Current carrying wiring devices	36430		XX	733
29. Noncurrent carrying devices	36440–36443		XX	734
Radio, TV, Commercial Equipment				
30. Household, automobile radios, radio-phonograph combinations	36511		XX	735
31. Household TV receivers, including TV combinations	36512		XX	736
32. Recorders, phonographs, radio, TV chassis	36514		XX	737
33. Speaker systems, microphones, home commercial sound equipment	36515		XX	738
34. Phonograph records	36520		XX	741

FORM CB–51J–1

100-027

FORM CB-51J-1 (5110)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

File No.

1967 CENSUS OF BUSINESS

MANUFACTURERS' SALES BRANCHES AND SALES OFFICES

ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES—Continued

Name of establishment (Same as address)

12. ANALYSIS OF SALES BY PRODUCTS OR COMMODITY LINES—Continued

Enter below the total dollar sales of each product sold by this branch or office. Products are listed by classification codes which are similar (at a less detailed level) to those shown on the reporting forms for your manufacturing plants. Report value of products bought and sold as well as value of products produced by your company and sold by this establishment. If figures based on records are not available, give best possible approximations.

V	Description	Code	Estimated sales during 1967 Dollars	Cents	Census Use Only
	Radio, TV Commercial Equipment—Continued				
	35. Telephone switching, switchboard equipment	36611		XX	742
	36. Other telephone, telegraph (wire), apparatus, equipment, components	36612		XX	743
	37. Radio, TV communications equipment	36620-36629		XX	744
	Other Electric Equipment				
	38. Electron tubes, receiving types	36710		XX	745
	39. Cathode ray picture tubes	36720		XX	746
	40. Transmitting industrial, special purpose electron tubes (except X-ray)	36730		XX	747
	41. Transistors, rectifiers, semiconductor devices	36742, 36743, 36749		XX	748
	42. Electronic components, n.e.c.	36741 36790-36795		XX	751
	Other Electric Machinery, Equipment				
	43. Storage batteries	36910-36912		XX	752
	44. Primary batteries, dry and wet	36920		XX	753
	45. X-ray therapeutic apparatus	36930		XX	754
	46. Engine electrical equipment	36940-36946		XX	755
	47. Lamp bulb components, other electrical products	36992		XX	756
	Other Electric Machinery, Equipment—Continued				
	48. Appliance wire, cord and flexible cord sets (except those in nonferrous wire drawing plants)	36996		XX	757
	49. Copper, copper-base alloy wire, bare tinned for electrical transmission	33572		XX	758
	50. Communication wire, cable	33574		XX	761
	51. Magnet wire	33577		XX	762
	52. Power wire, cable	33578		XX	763
	53. Other drawn, insulated nonferrous wire	33571, 33573, 33575, 33576, 33579		XX	764
	Other Products (Specify)				
	54.			XX	
	55.			XX	
	56.			XX	
	57.			XX	
	58.			XX	
	59. Receipts from services and sources other than the sale of merchandise			XX	999
	60. **TOTAL SALES IN 1967 (Sum of lines 1-59 should be the same as item 5a.)** →			XX	0

This space may be used for any explanations that may be helpful in understanding your report.

13.	Name of person to contact regarding this report	Address (Number, street, city, State, ZIP code)	Telephone No. Area code	Number	Extension
CERTIFICATION	This report is substantially accurate and covers the period from _____ to _____				
	Signature of authorized person	Title	Date		

100-027

Appendix E

AUTHORITY FOR CENSUS: TITLE 13, UNITED STATES CODE

(Codification of August 1954 amended by Acts of August 1957, September 1960, June and October 1962, and August 1964)

Collection and publication: Five-year periods (131)

The Secretary shall take, compile, and publish censuses of manufactures, of mineral industries, and of other businesses...in the year 1964, then in the year 1968, and every fifth year thereafter, and each such census shall relate the year immediately preceding the taking thereof.

Geographic scope of censuses (191a)

Each of the censuses authorized by this chapter (other than censuses of population) shall include each State, the District of Columbia, Alaska, Hawaii, the Virgin Islands, Guam, and the Commonwealth of Puerto Rico, and as may be determined by the Secretary, such other possessions and areas over which the United States exercises jurisdiction, control, or sovereignty. Censuses of population shall include all geographic areas referred to in the preceding sentence. Inclusion of other areas over which the United States exercises jurisdiction or control shall be subject to the concurrence of the Secretary of State.

Failure to answer questions affecting companies, businesses, religious bodies, and other organizations: False answers (224)

Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, whether such request be made by registered mail, by certified mail, by telegraph, by visiting representative, or by one or more of these methods, to answer completely and correctly to the best of his knowledge all questions relating to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule prepared and submitted to him under the authority of this title, shall be fined not more than $500 or imprisoned not more than sixty days, or both; and if he willfully gives a false answer to any such question, he shall be fined not more than $10,000 or imprisoned not more than one year, or both.

Appendix F

STANDARD METROPOLITAN STATISTICAL AREAS

(Area titles and definitions of the 2 Standard Consolidated Areas and the 230 Standard Metropolitan Statistical Areas in the United States established by the Bureau of the Budget as of January 15, 1968)

Chicago, Ill.–Northwestern Indiana Standard Consolidated Area	Consists of Chicago, Ill., and Gary–Hammond–East Chicago, Ind., Standard Metropolitan Statistical Areas
New York, N.Y.–Northeastern New Jersey Standard Consolidated Area	Consists of the following Standard Metropolitan Statistical Areas: New York, N.Y.; Newark, N.J.; Jersey City, N.J.; Paterson–Clifton–Passaic, N.J.; and of Middlesex and Somerset Counties, N.J.
Abilene, Tex.	Consists of Jones and Taylor Counties, Tex.
Akron, Ohio	Consists of Portage and Summit Counties, Ohio
Albany, Ga.	Coextensive with Dougherty County, Ga.
Albany–Schenectady–Troy, N.Y.	Consists of Albany, Rensselaer, Saratoga, and Schenectady Counties, N.Y.
Albuquerque, N. Mex.	Coextensive with Bernalillo County, N. Mex.
Allentown–Bethlehem–Easton, Pa.–N.J.	Consists of Lehigh and Northampton Counties, Pa.; and Warren County, N.J.
Altoona, Pa.	Coextensive with Blair County, Pa.
Amarillo, Tex.	Consists of Potter and Randall Counties, Tex.
Anaheim–Santa Ana–Garden Grove, Calif.	Coextensive with Orange County, Calif.
Anderson, Ind.	Coextensive with Madison County, Ind.
Ann Arbor, Mich.	Coextensive with Washtenaw County, Mich.
Asheville, N.C.	Coextensive with Buncombe County, N.C.
Atlanta, Ga.	Consists of Clayton, Cobb, De Kalb, Fulton, and Gwinnett Counties, Ga.
Atlantic City, N.J.	Coextensive with Atlantic County, N.J.
Augusta, Ga.–S.C.	Consists of Richmond County, Ga., and Aiken County, S. C.
Austin, Tex.	Coextensive with Travis County, Tex.
Bakersfield, Calif.	Coextensive with Kern County, Calif.
Baltimore, Md.	Consists of Baltimore city and Anne Arundel, Baltimore, Carroll, Harford and Howard Counties, Md.
Baton Rouge, La.	Coextensive with East Baton Rouge Parish, La.
Bay City, Mich.	Coextensive with Bay County, Mich.
Beaumont–Port Arthur–Orange, Tex.	Consists of Jefferson and Orange Counties, Tex.
Billings, Mont.	Coextensive with Yellowstone County, Mont.
Biloxi–Gulfport, Miss.	Coextensive with Harrison County, Miss.
Binghamton, N.Y.-Pa.	Consists of Broome and Tioga Counties, N.Y., and Susquehanna County, Pa.
Birmingham, Ala.	Consists of Jefferson, Shelby, and Walker Counties, Ala.
Bloomington–Normal, Ill.	Coextensive with McLean County, Ill.
Boise City, Idaho	Coextensive with Ada County, Idaho
Boston, Mass.	Consists of all of Suffolk County; Beverly, Lynn, Peabody, and Salem cities, and Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Arlington, Ashland, Bedford, Belmont, Burlington, Concord, Framingham, Lexington, Lincoln, Natick, North Reading, Reading, Sherborn, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Quincy city, and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Millis, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; and Duxbury, Hanover, Hingham, Hull, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County, Mass.
Bridgeport, Conn.	Consists of Bridgeport and Shelton cities, and Easton, Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; and Milford city in New Haven County, Conn.
Brockton, Mass.	Consists of Easton town in Bristol County; Avon and Stoughton towns in Norfolk County; and Brockton city, and Abington, Bridgewater, East Bridgewater, Hanson, West Bridgewater, and Whitman towns in Plymouth County, Mass.
Brownsville–Harlingen–San Benito, Tex.	Coextensive with Cameron County, Tex.
Buffalo, N.Y.	Consists of Erie and Niagara Counties, N.Y.
Canton, Ohio	Coextensive with Stark County, Ohio
Cedar Rapids, Iowa	Coextensive with Linn County, Iowa
Champaign–Urbana, Ill.	Coextensive with Champaign County, Ill.
Charleston, S.C.	Consists of Berkeley and Charleston Counties, S.C.

STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Charleston, W. Va.	Coextensive with Kanawha County, W. Va.
Charlotte, N.C.	Consists of Mecklenburg and Union Counties, N.C.
Chattanooga, Tenn.–Ga.	Consists of Hamilton County, Tenn., and Walker County, Ga.
Chicago, Ill.	Consists of Cook, Du Page, Kane, Lake, McHenry, and Will Counties, Ill.
Cincinnati, Ohio–Ky.–Ind.	Consists of Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, and Kenton Counties, Ky.; and Dearborn County, Ind.
Cleveland, Ohio	Consists of Cuyahoga, Geauga, Lake, and Medina Counties, Ohio
Colorado Springs, Colo.	Coextensive with El Paso County, Colo.
Columbia, S.C.	Consists of Lexington and Richland Counties, S.C.
Columbus, Ga.–Ala.	Consists of Chattahoochee and Muscogee Counties, Ga., and Russell County, Ala.
Columbus, Ohio	Consists of Delaware, Franklin, and Pickaway Counties, Ohio
Corpus Christi, Tex.	Consists of Nueces and San Patricio Counties, Tex.
Dallas, Tex.	Consists of Collin, Dallas, Denton, Ellis, Kaufman, and Rockwall Counties, Tex.
Davenport–Rock Island–Moline, Iowa–Ill.	Consists of Scott County, Iowa, and Henry and Rock Island Counties, Ill.
Dayton, Ohio	Consists of Greene, Miami, Montgomery, and Preble Counties, Ohio
Decatur, Ill.	Coextensive with Macon County, Ill.
Denver, Colo.	Consists of Adams, Arapahoe, Boulder, Denver, and Jefferson Counties, Colo.
Des Moines, Iowa	Coextensive with Polk County, Iowa
Detroit, Mich.	Consists of Macomb, Oakland, and Wayne Counties, Mich.
Dubuque, Iowa	Coextensive with Dubuque County, Iowa
Duluth–Superior, Minn.–Wis.	Consists of St. Louis County, Minn., and Douglas County, Wis.
Durham, N.C.	Consists of Durham and Orange Counties, N.C.
El Paso, Tex.	Coextensive with El Paso County, Tex.
Erie, Pa.	Coextensive with Erie County, Pa.
Eugene, Oreg.	Coextensive with Lane County, Oreg.
Evansville, Ind.–Ky.	Consists of Vanderburgh and Warrick Counties, Ind., and Henderson County, Ky.
Fall River, Mass.–R.I.	Consists of Fall River city, and Somerset, Swansea, and Westport towns in Bristol County, Mass.; and Tiverton town in Newport County, R.I.
Fargo–Moorhead, N. Dak.–Minn.	Consists of Cass County, N. Dak., and Clay County, Minn.
Fayetteville, N.C.	Coextensive with Cumberland County, N.C.
Fitchburg–Leominster, Mass.	Consists of Shirley and Townsend towns in Middlesex County; and Fitchburg and Leominster cities, and Lunenburg and Westminster towns in Worcester County, Mass.
Flint, Mich.	Consists of Genesee and Lapeer Counties, Mich.
Fort Lauderdale–Hollywood, Fla.	Coextensive with Broward County, Fla.
Fort Smith, Ark.–Okla.	Consists of Crawford and Sebastian Counties, Ark.; and LeFlore and Sequoyah Counties, Okla.
Fort Wayne, Ind.	Coextensive with Allen County, Ind.
Fort Worth, Tex.	Consists of Johnson and Tarrant Counties, Tex.
Fresno, Calif.	Coextensive with Fresno County, Calif.
Gadsden, Ala.	Coextensive with Etowah County, Ala.
Galveston–Texas City, Tex.	Coextensive with Galveston County, Tex.
Gary–Hammond–East Chicago, Ind.	Consists of Lake and Porter Counties, Ind.
Grand Rapids, Mich.	Consists of Kent and Ottawa Counties, Mich.
Great Falls, Mont.	Coextensive with Cascade County, Mont.
Green Bay, Wis.	Coextensive with Brown County, Wis.
Greensboro–Winston–Salem–High Point, N.C.	Consists of Forsyth, Guilford, Randolph, and Yadkin Counties, N.C.
Greenville, S.C.	Consists of Greenville and Pickens Counties, S.C.
Hamilton–Middletown, Ohio	Coextensive with Butler County, Ohio
Harrisburg, Pa.	Consists of Cumberland, Dauphin, and Perry Counties, Pa.
Hartford, Conn.	Consists of Hartford city, and Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Cromwell town in Middlesex County; and Andover, Bolton, Coventry, Ellington, and Vernon towns in Tolland County, Conn.
Honolulu, Hawaii	Coextensive with Honolulu County, Hawaii
Houston, Tex.	Consists of Brazoria, Fort Bend, Harris, Liberty, and Montgomery Counties, Tex.
Huntington–Ashland, W. Va.–Ky.–Ohio	Consists of Cabell and Wayne Counties, W. Va.; Boyd County, Ky.; and Lawrence County, Ohio
Huntsville, Ala.	Consists of Limestone and Madison Counties, Ala.

STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Indianapolis, Ind.	Consists of Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, and Shelby Counties, Ind.
Jackson, Mich.	Coextensive with Jackson County, Mich.
Jackson, Miss.	Consists of Hinds and Rankin Counties, Miss.
Jacksonville, Fla.	Coextensive with Duval County, Fla.
Jersey City, N.J.	Coextensive with Hudson County, N.J.
Johnstown, Pa.	Consists of Cambria and Somerset Counties, Pa.
Kalamazoo, Mich.	Coextensive with Kalamazoo County, Mich.
Kansas City, Mo.–Kans.	Consists of Cass, Clay, Jackson, and Platte Counties, Mo., and Johnson and Wyandotte Counties, Kans.
Kenosha, Wis.	Coextensive with Kenosha County, Wis.
Knoxville, Tenn.	Consists of Anderson, Blount, and Knox Counties, Tenn.
Lafayette, La.	Coextensive with Lafayette Parish, La.
Lafayette–West Lafayette, Ind.	Coextensive with Tippecanoe County, Ind.
Lake Charles, La.	Coextensive with Calcasieu Parish, La.
Lancaster, Pa.	Coextensive with Lancaster County, Pa.
Lansing, Mich.	Consists of Clinton, Eaton, and Ingham Counties, Mich.
Laredo, Tex.	Coextensive with Webb County, Tex.
Las Vegas, Nev.	Coextensive with Clark County, Nev.
Lawrence–Haverhill, Mass.–N.H.	Consists of Lawrence and Haverhill cities, and Andover, Georgetown, Groveland, Merrimac, Methuen, North Andover, and West Newbury towns in Essex County, Mass.; and Newton, Plaistow, and Salem towns in Rockingham County, N.H.
Lawton, Okla.	Coextensive with Comanche County, Okla.
Lewiston–Auburn, Maine	Consists of Auburn and Lewiston cities, and Lisbon town in Androscoggin County, Maine
Lexington, Ky.	Coextensive with Fayette County, Ky.
Lima, Ohio	Consists of Allen, Putnam, and Van Wert Counties, Ohio
Lincoln, Nebr.	Coextensive with Lancaster County, Nebr.
Little Rock–North Little Rock, Ark.	Consists of Pulaski and Saline Counties, Ark.
Lorain–Elyria, Ohio	Coextensive with Lorain County, Ohio
Los Angeles–Long Beach, Calif.	Coextensive with Los Angeles County, Calif.
Louisville, Ky.–Ind.	Consists of Jefferson County, Ky., and Clark and Floyd Counties, Ind.
Lowell, Mass.	Consists of Lowell city, and Billerica, Chelmsford, Dracut, Tewksbury, Tyngsborough, and Westford towns in Middlesex County, Mass.
Lubbock, Tex.	Coextensive with Lubbock County, Tex.
Lynchburg, Va.	Consists of Lynchburg city, and Amherst and Campbell Counties, Va.
Macon, Ga.	Consists of Bibb and Houston Counties, Ga.
Madison, Wis.	Coextensive with Dane County, Wis.
Manchester, N.H.	Consists of Manchester city, and Bedford and Goffstown towns in Hillsborough County; and Hooksett town in Merrimack County, N.H.
Mansfield, Ohio	Coextensive with Richland County, Ohio
McAllen–Pharr–Edinburg, Tex.	Coextensive with Hidalgo County, Tex.
Memphis, Tenn.–Ark.	Consists of Shelby County, Tenn., and Crittenden County, Ark.
Meriden, Conn.	Coextensive with Meriden city in New Haven County, Conn.
Miami, Fla.	Coextensive with Dade County, Fla.
Midland, Tex.	Coextensive with Midland County, Tex.
Milwaukee, Wis.	Consists of Milwaukee, Ozaukee, Washington, and Waukesha Counties, Wis.
Minneapolis–St. Paul, Minn.	Consists of Anoka, Dakota, Hennepin, Ramsey, and Washington Counties, Minn.
Mobile, Ala.	Consists of Baldwin and Mobile Counties, Ala.
Monroe, La.	Coextensive with Ouachita Parish, La.
Montgomery, Ala.	Consists of Elmore and Montgomery Counties, Ala.
Muncie, Ind.	Coextensive with Delaware County, Ind.
Muskegon–Muskegon Heights, Mich.	Coextensive with Muskegon County, Mich.
Nashville, Tenn.	Consists of Davidson, Sumner, and Wilson Counties, Tenn.
New Bedford, Mass.	Consists of New Bedford city, and Acushnet, Dartmouth, and Fairhaven towns in Bristol County; and Marion and Mattapoisett towns in Plymouth County, Mass.
New Britain, Conn.	Consists of New Britain city, and Berlin, Plainville, and Southington towns in Hartford County, Conn.
New Haven, Conn.	Consists of New Haven city, and Bethany, Branford, East Haven, Guilford, Hamden, North Branford, North Haven, Orange, West Haven, and Woodbridge towns in New Haven County, Conn.
New London–Groton–Norwich, Conn.	Consists of New London and Norwich cities, and East Lyme, Griswold, Groton, Ledyard, Lisbon, Montville, Old Lyme, Preston, Sprague, Stonington, and Waterford towns in New London County, Conn.

STANDARD METROPOLITAN STATISTICAL AREAS—Continued

New Orleans, La.	Consists of Jefferson, Orleans, St. Bernard, and St. Tammany Parishes, La.
New York, N.Y.	Consists of New York City, and Nassau, Rockland, Suffolk, and Westchester Counties, N.Y.
Newark, N.J.	Consists of Essex, Morris, and Union Counties, N.J.
Newport News–Hampton, Va.	Consists of Newport News and Hampton cities, and York County, Va.
Norfolk–Portsmouth, Va.	Consists of Chesapeake, Norfolk, Portsmouth, and Virginia Beach cities, Va.
Norwalk, Conn.	Consists of Norwalk city, and Westport and Wilton towns in Fairfield County, Conn.
Odessa, Tex.	Coextensive with Ector County, Tex.
Ogden, Utah	Coextensive with Weber County, Utah
Oklahoma City, Okla.	Consists of Canadian, Cleveland, and Oklahoma Counties, Okla.
Omaha, Nebr.–Iowa	Consists of Douglas and Sarpy Counties, Nebr., and Pottawattamie County, Iowa.
Orlando, Fla.	Consists of Orange and Seminole Counties, Fla.
Oxnard–Ventura, Calif.	Coextensive with Ventura County, Calif.
Paterson–Clifton–Passaic, N.J.	Consists of Bergen and Passaic Counties, N.J.
Pensacola, Fla.	Consists of Escambia and Santa Rosa Counties, Fla.
Peoria, Ill.	Consists of Peoria, Tazewell, and Woodford Counties, Ill.
Philadelphia, Pa.–N.J.	Consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa., and Burlington, Camden, and Gloucester Counties, N.J.
Phoenix, Ariz.	Coextensive with Maricopa County, Ariz.
Pine Bluff, Ark.	Coextensive with Jefferson County, Ark.
Pittsburgh, Pa.	Consists of Allegheny, Beaver, Washington, and Westmoreland Counties, Pa.
Pittsfield, Mass.	Consists of Pittsfield city, and Dalton, Lanesborough, Lee, and Lenox towns in Berkshire County, Mass.
Portland, Maine	Consists of Portland, South Portland, and Westbrook cities, and Cape Elizabeth, Cumberland, Falmouth, Gorham, Scarborough, and Yarmouth towns in Cumberland County, Maine
Portland, Oreg.–Wash.	Consists of Clackamas, Multnomah, and Washington Counties, Oreg., and Clark County, Wash.
Providence–Pawtucket–Warwick, R.I.–Mass.	Consists of all of Bristol County; Warwick city, and Coventry, East Greenwich, and West Warwick towns in Kent County; Jamestown town in Newport County; Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns in Providence County; and Narragansett and North Kingstown towns in Washington County, R.I. Also, Attleboro city and North Attleborough, Rehoboth, and Seekonk towns in Bristol County, Mass.; Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County, Mass.; and Blackstone and Millville towns in Worcester County, Mass.
Provo–Orem, Utah	Coextensive with Utah County, Utah
Pueblo, Colo.	Coextensive with Pueblo County, Colo.
Racine, Wis.	Coextensive with Racine County, Wis.
Raleigh, N.C.	Coextensive with Wake County, N.C.
Reading, Pa.	Coextensive with Berks County, Pa.
Reno, Nev.	Coextensive with Washoe County, Nev.
Richmond, Va.	Consists of Richmond city, and Chesterfield, Hanover, and Henrico Counties, Va.
Roanoke, Va.	Consists of Roanoke city and Roanoke County, Va.
Rochester, N.Y.	Consists of Livingston, Monroe, Orleans, and Wayne Counties, N.Y.
Rockford, Ill.	Consists of Boone and Winnebago Counties, Ill.
Sacramento, Calif.	Consists of Placer, Sacramento, and Yolo Counties, Calif.
Saginaw, Mich.	Coextensive with Saginaw County, Mich.
St. Joseph, Mo.	Coextensive with Buchanan County, Mo.
St. Louis, Mo.–Ill.	Consists of St. Louis city, and Franklin, Jefferson, St. Charles, and St. Louis Counties, Mo.; and Madison and St. Clair Counties, Ill.
Salem, Oreg.	Consists of Marion and Polk Counties, Oreg.
Salinas–Monterey, Calif.	Coextensive with Monterey County, Calif.
Salt Lake City, Utah	Consists of Davis and Salt Lake Counties, Utah
San Angelo, Tex.	Coextensive with Tom Green County, Tex.
San Antonio, Tex.	Consists of Bexar and Guadalupe Counties, Tex.
San Bernardino–Riverside–Ontario, Calif.	Consists of Riverside and San Bernardino Counties, Calif.
San Diego, Calif.	Coextensive with San Diego County, Calif.
San Francisco–Oakland, Calif.	Consists of Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties, Calif.

STANDARD METROPOLITAN STATISTICAL AREAS—Continued

San Jose, Calif.	Coextensive with Santa Clara County, Calif.
Santa Barbara, Calif.	Coextensive with Santa Barbara County, Calif.
Savannah, Ga.	Coextensive with Chatham County, Ga.
Scranton, Pa.	Coextensive with Lackawanna County, Pa.
Seattle–Everett, Wash.	Consists of King and Snohomish Counties, Wash.
Sherman–Denison, Tex.	Coextensive with Grayson County, Tex.
Shreveport, La.	Consists of Bossier and Caddo Parishes, La.
Sioux City, Iowa–Nebr.	Consists of Woodbury County, Iowa, and Dakota County, Nebr.
Sioux Falls, S. Dak.	Coextensive with Minnehaha County, S. Dak.
South Bend, Ind.	Consists of Marshall and St. Joseph Counties, Ind.
Spokane, Wash.	Coextensive with Spokane County, Wash.
Springfield, Ill.	Coextensive with Sangamon County, Ill.
Springfield, Mo.	Coextensive with Greene County, Mo.
Springfield, Ohio	Coextensive with Clark County, Ohio
Springfield–Chicopee–Holyoke, Mass.–Conn.	Consists of Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, East Longmeadow, Hampden, Longmeadow, Ludlow, Monson, Palmer, Southwick, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Easthampton, Granby, Hadley, and South Hadley towns in Hampshire County; and Warren town in Worcester County, Mass.; and Somers town in Tolland County, Conn.
Stamford, Conn.	Consists of Stamford city, and Darien, Greenwich, and New Canaan towns in Fairfield County, Conn.
Steubenville–Weirton, Ohio–W. Va.	Consists of Jefferson County, Ohio, and Brooke and Hancock Counties, W. Va.
Stockton, Calif.	Coextensive with San Joaquin County, Calif.
Syracuse, N.Y.	Consists of Madison, Onondaga, and Oswego Counties, N.Y.
Tacoma, Wash.	Coextensive with Pierce County, Wash.
Tallahassee, Fla.	Coextensive with Leon County, Fla.
Tampa–St. Petersburg, Fla.	Consists of Hillsborough and Pinellas Counties, Fla.
Terre Haute, Ind.	Consists of Clay, Sullivan, Vermillion, and Vigo Counties, Ind.
Texarkana, Tex.–Ark.	Consists of Bowie County, Tex., and Miller County, Ark.
Toledo, Ohio–Mich.	Consists of Lucas and Wood Counties, Ohio, and Monroe County, Mich.
Topeka, Kans.	Coextensive with Shawnee County, Kans.
Trenton, N.J.	Coextensive with Mercer County, N.J.
Tucson, Ariz.	Coextensive with Pima County, Ariz.
Tulsa, Okla.	Consists of Creek, Osage, and Tulsa Counties, Okla.
Tuscaloosa, Ala.	Coextensive with Tuscaloosa County, Ala.
Tyler, Tex.	Coextensive with Smith County, Tex.
Utica–Rome, N.Y.	Consists of Herkimer and Oneida Counties, N.Y.
Vallejo–Napa, Calif.	Consists of Napa and Solano Counties, Calif.
Vineland–Millville–Bridgeton, N.J.	Coextensive with Cumberland County, N.J.
Waco, Tex.	Coextensive with McLennan County, Tex.
Washington, D.C.–Md.–Va.	Consists of Washington, D.C.; Montgomery and Prince Georges Counties, Md.; and Alexandria, Fairfax, and Falls Church cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Va.
Waterbury, Conn.	Consists of Thomaston, Watertown, and Woodbury towns in Litchfield County; and Waterbury city, Naugatuck borough, and Beacon Falls, Cheshire, Middlebury, Prospect, and Wolcott towns in New Haven, County, Conn.
Waterloo, Iowa	Coextensive with Black Hawk County, Iowa
West Palm Beach, Fla.	Coextensive with Palm Beach County, Fla.
Wheeling, W. Va.–Ohio	Consists of Marshall and Ohio Counties, W. Va., and Belmont County, Ohio
Wichita, Kans.	Consists of Butler and Sedgwick Counties, Kans.
Wichita Falls, Tex.	Consists of Archer and Wichita Counties, Tex.
Wilkes–Barre–Hazleton, Pa.	Coextensive with Luzerne County, Pa.
Wilmington, Del.–N.J.–Md.	Consists of New Castle County, Del., Salem County, N.J., and Cecil County, Md.
Wilmington, N.C.	Consists of Brunswick and New Hanover Counties, N.C.
Worcester, Mass.	Consists of Worcester city, and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Paxton, Shrewsbury, Spencer; Sterling, Sutton, Upton, Westborough, and West Boylston towns in Worcester County, Mass.
York, Pa.	Consists of Adams and York Counties, Pa.
Youngstown–Warren, Ohio	Consists of Mahoning and Trumbull Counties, Ohio

Appendix G

COMPARABILITY OF PRODUCT CLASSES BETWEEN THE 1967 AND 1963 CENSUSES OF MANUFACTURES

This appendix lists classes of products which underwent revision between the 1963 and 1967 censuses of manufactures. Revisions resulted from some amendment in the 4-digit industry composition of the Standard Industrial Classification (SIC) Manual between the two years and from changes in product classes in 1965, and again in 1967, within industries not otherwise affected by SIC 4-digit amendment. The 1967 revision of the 4-digit SIC level affected but a few industries, mainly a reordering, including deletion, of some 4-digit industries within several 3-digit SIC groups and, in the case of group 398, its deletion and merger with group 399. Most of the 1963-1967 changes in classes resulted from revision within industries not affected by 4-digit revision. These 5-digit changes were occasioned by the need to (1) accord recognition to products growing in importance and discontinue product groupings declining in importance; (2) reflect changing technologies or market orientations; and (3) correct errors in classification.

Product classes, coded to the 5-digit level, represent families (of substantial shipments size) of relatively homogeneous products, the latter coded to the 7-digit level. As such, the product class is an intermediate level of coding between the 7-digit product and the 4-digit SIC industry. Product classes are utilized by the Bureau of the Census for data collection in both the Census of Manufactures and Annual Survey of Manufactures and in more than 100 current commodity reports in the Current Industrial Reports series. While the Annual Survey of Manufactures is built around the product class, in the Census of Manufactures (Volume II, Industry Statistics) product class data will be found in a number of tables, important among these is table 5B which shows the shipments of product classes by industries and secondary industry contributors to the shipments of those product classes; tables 6A, B, and C give production and/or shipments data for such classes; and table 8, where general statistics (number of establishments, employment, payrolls, value added, and value of shipments, among other items) are shown for establishments specializing in a product class. Production and/or shipments data, by product class, will also be found in many of the Current Industrial Reports.

In the following table, the comparability (convertibility) between the product classes for 1967 and 1963 is shown only for those 1963 classes which were revised in some way between the two years. As noted, a few revisions were made in 1965 with no revision in the 4-digit industry level. Some of these 1965 changes were continued into 1967. However, a few of the 1965 changes were subjected to further revision in 1967; such changes are not shown in the table.

The table should be interpreted as follows:

1. Where a single code in 1967 is shown as equivalent to a single code in 1963 (for example, 1967 code 35196 equivalent to 1963 code 35193), the revision involved a simple recoding of the product class with no change in product coverage. This situation resulted from a reordering of product classes within an industry or was necessitated by a revision in the Standard Industrial Classification (SIC) between 1963 and 1967.

2. Where one class is shown for 1967 and two or more classes are shown for 1963, the one class is equal to the two or more classes in product coverage; for example, 1967 code 22710 is equivalent to the two 1963 codes 22711 and 22712. The reverse is also true; for example, 1967 codes 22823 and 22824 are equivalent to 1963 code 22821. In these situations, the 1967 code 22710 resulted from a combination of the 1963 codes 22711 and 22712, and the 1967 codes 22823 and 22824 resulted from a splitting of 1963 code 22821.

3. Where several classes in 1967 are shown as equivalent to several classes in 1963, all classes in 1967 taken together are equivalent to all classes in 1963 taken together.

1967 Census of Manufactures as Related to 1963 Census of Manufactures

1967		1963	
Product class code	Product class description	Product class code	Product class description
19251	Missile systems, complete (excluding propulsion)	19251	Guided missiles, complete
19252	Space vehicle systems, complete (excluding propulsion)		
19253	Research and development on complete missile systems	19253	Research and development on complete guided missiles
19254	Research and development on complete space vehicles		
20411	Wheat flour, except flour mixes	20411	Wheat flour, except flour mixes
20415	Flour mixes and refrigerated doughs (made in flour mills)	20415	Flour mixes and refrigerated doughs
20413	Corn mill products	20413	Corn meal (for human and animal use)
20416	Other grain mill products	20416	Grain mill products, n.e.c.
22211	100 percent filament rayon and/or acetate fabrics, including combinations chiefly rayon and/or acetate (gray goods)	22211	Rayon and/or acetate pile, upholstery, tie and blanketing fabrics (gray goods)
22212	100 percent filament fabrics, except rayon and/or acetate (gray goods)	22212	100 percent filament rayon and/or acetate fabrics (gray goods)
22214	100 percent spun polyester blends with cotton fabrics (gray goods)	22214	Combination filament-and-spun rayon and/or acetate fabrics (gray goods)
22215	All other 100 percent spun noncellulosic fabrics (gray goods)	22215	Rayon and/or acetate mixtures with other fibers (gray goods)
22216	Combinations of filament and spun yarn fabrics, chiefly manmade fiber (gray goods)	22216	Nylon and chiefly nylon fabrics (gray goods)
22217	Blanketing, silk, paper, and other specialty manmade fiber fabrics (gray goods)	22217	Silk and manmade fibers, n.e.c. (gray goods)
22710	Woven carpets and rugs	22711	Woven carpets and rugs, chiefly wool pile yarns
		22712	Woven carpets and rugs, chiefly cotton or manmade fiber pile yarn
22823	Thrown filament yarns, except textured	22821	Thrown filament yarns, including textured yarns
22824	Textured, crimped or bulked filament yarn		
24215	Wood chips	24290	Shingle, cooperage stock and excelsior mills
24290	Shingles, cooperage stock, and excelsior		
24331	Fabricated structural wood members and wood laminates	24331	Fabricated structural framing and wood laminates; ready-cut wood buildings and panels or sections for prefabricated and ready-cut buildings
24332	Ready-cut and prefabricated wood buildings, including sections and roof trusses	24332	Prefabricated buildings, wood
25151	Innerspring mattresses, other than crib size	25151	Innerspring mattresses and spring cushions
25152	Other mattresses, including crib mattresses	25152	Other mattresses
26215	Bleached bristols (excluding cotton fiber index and bogus)	26215	Fine paper, including thin paper
26216	Writing and related papers	26217	Special industrial paper
26219	Special industrial paper		
26217	Unbleached kraft packaging and industrial converting paper	26216	Coarse paper
26218	Packaging and industrial converting paper		

1967 Census of Manufactures as Related to 1963 Census of Manufactures—Continued

1967		1963	
Product class code	Product class description	Product class code	Product class description
26210	Tissue paper and other machine creped paper	26218	Sanitary tissue stock
26311	Unbleached kraft packaging and industrial converting paperboard	26311	Container board
26312	Bleached packaging and industrial converting paperboard	26312	Special food board
26313	Semichemical paperboard	26313	Folding boxboard stock, except special food board
26314	Combination paperboard: shipping container-board	26314	Set-up boxboard
26315	Combination paperboard: bending	26315	Special paperboard, including cardboard, other bending and nonbending board
26316	Combination paperboard: nonbending		
26317	Special combination packaging and industrial converting paperboard		
26318	Wet machine board	26316	Wet machine board
28155	Cyclic (coal tar) crudes	28140	Cyclic (coal tar) crudes
28311	Blood and blood derivatives, for human use	28311	Biological products for human use
28312	Vaccines and antigens, for human use		
28313	Antitoxins, toxoids, and toxins for immunization, and therapeutic immune serums, for human use		
28314	Diagnostic substances and other biologics, for human use		
28315	Biological products for veterinary use	28312	Biological products for veterinary use
29111	Gasoline	29111	Gasoline and jet fuel
29112	Jet Fuel	29112	Kerosene
29113	Kerosene		
29114	Distillate fuel oil	29113	Distillate fuel oil
29115	Residual fuel oil	29114	Residual fuel oil
29116	Liquefied refinery gases (feed stock and other uses)	29115	Liquefied refinery gases and aromatics, including feed stocks
29110	Other finished petroleum products, including waxes	29110	Other finished petroleum products, including waxes
29117	Lubricating oils and greases, made in refineries	29116	Lubricating and similar oils made in refineries
		29117	Lubricating greases made in refineries
29920	Lubricating oils and greases, made from purchased materials	29926	Lubricating oils, from purchased materials
		29927	Lubricating greases, from purchased materials
33231	Steel investment castings	33230	Steel castings
33232	Other carbon steel castings		
33233	Other alloy steel castings		
33691	Zinc and zinc-base alloy castings	33690	Nonferrous castings, n.e.c.
33699	Nonferrous castings, n.e.c.		
34616	Metal commerical closures and metal home canning closures (except crowns)	34616	Metal commerical closures, except crowns
34618	Other stamped and pressed metal end products	34618	Other stamped and pressed metal end products

1967		1963	
Product class code	Product class description	Product class code	Product class description
34941	Automatic regulating and control valves		
34942	Valves for power transfer (pneumatic and hydraulic)		
34943	Other metal valves for piping systems and equipment (except plumbing and heating valves)	34941	Metal valves for piping systems (except plumbing and heating valves)
34945	Metal fittings, flanges and unions for piping systems	34942	Metal fittings and unions for piping systems
34946	Fittings and assemblies for tubing and hose (except plumbers' brass goods)	34944	Other metal valves and fittings, except plumbers' brass goods and fittings
34944	Plumbing and heating valves and specialties (except plumbers' brass goods)	34943	Plumbing and heating valves and specialties (except plumbers' brass goods)
35191	Gasoline engines, under 11 horsepower, except aircraft, automobile, truck, bus, and tank	35191	Gasoline engines, except outboard, aircraft, and automotive
35192	Gasoline engines, 11 horsepower and over, except aircraft, automobile, truck, bus, and tank		
35193	Diesel engines (except for trucks and buses)	35192	Diesel and semi-diesel engines (internal combustion)
35194	Diesel engines (for trucks and buses)		
35197	Tank and converted internal combustion engines	35196	Other internal combustion engines (including converted engines and tank engines)
35196	Gas engines (except gas turbines)	35193	Gas engines (except gas turbines)
35199	Parts and accessories for internal combustion engines	35197	Parts and accessories for internal combustion engines
35221	Wheel tractors and attachments (except contractors' off-highway type, garden tractors, and motor tillers)		
35222	Farm dairy machines, sprayers and dusters, farm elevators, farm blowers, garden tractors and motor tillers	35222	Wheel tractors and parts and attachments (except garden and contractors' off-highway)
35223	Planting, seeding, and fertilizing machinery	35223	Planting, seeding, and fertilizing machinery, and parts
35224	Plows, listers, harrows, rollers, pulverizers, stalk cutters, and similar equipment	35224	Plows, listers, harrows, rollers, pulverizers, and stalk cutters, and parts
35225	Harvesting machinery	35225	Harvesting machinery and parts
35226	Haying machinery	35226	Haying machinery and parts
35227	Lawn mowers and snow blowers	35227	Lawn mowers and parts
35228	All other farm machinery and equipment	35228	All other farm machinery and equipment
35229	Parts for farm machinery and equipment, for sale separately		
35313	Parts and attachments for tracklaying type tractors, contractors' off-highway wheel tractors, and tractor shovel loaders	35313	Parts and attachments for tracklaying and contractors' off-highway wheel tractors
35317	Tractor shovel loaders, excluding parts and attachments	35317	Tractor shovel loaders
35441	Special dies and tools, die sets, jigs and fixtures	35441	Special dies and tools, die sets, jigs, and fixtures
35442	Industrial molds	35442	Industrial molds
35622	Taper (except thrust) roller bearings, complete	35622	Roller bearings, complete
35623	Other roller bearings, complete		
35624	Mounted bearings	35623	Mounted bearings
35629	Parts and components for ball and roller bearings, including balls and rollers, sold separately	35624	Parts and components for ball and roller bearings, including balls and rollers, sold separately

1967 Census of Manufactures as Related to 1963 Census of Manufactures—Continued

1967		1963	
Product class code	Product class description	Product class code	Product class description
35731	Electronic computing equipment, except parts and attachments	35711	Electronic data processing machines and associated equipment, except typewriters
35733	Parts and attachments for electronic computing equipment		
35741	Calculating and accounting machines, including cash registers, except parts and attachments	35712	Computing and accounting machines including cash registers
35743	Parts and attachments for calculating and accounting machines		
35791	Addressing, dictating, duplicating, and other office and store machines, n.e.c., except parts and attachments	35790	Addressing, dictating, duplicating and other office machines. n.e.c.
35792	Parts and attachments for addressing, dictating, duplicating, and other office and store machines, n.e.c.		
35851	Heat transfer equipment, except room and unitary air-conditioners	35851	Heat transfer equipment
35852	Air-conditioners, room and unitary		
35991	Carburetors (new), pistons and piston rings, and valves	35990	Carburetors, pistons and other machine shop products
35992	All other machine shop products, including flexible metal hose and tubing and metal bellows		
35993	Receipts for machine shop job work		
36131	Switchgear, except ducts and relays	36131	Switchgear, including power switchgear assemblies and other switching and interrupting devices, 2300 volts and over
36136	Duct, including plug-in units and accessories, 750 volts and under		
36137	Relays, control circuit		
36132	Power circuit breakers, all voltages	36132	Circuit breakers
36135	Molded case circuit breakers, 750 volts and under		
36514	Recorders, phonographs, and radio and television chassis	36513	Recorders, audio amplifiers, phonographs, tuners, speaker systems, and other audio equipment and accessories
36515	Speaker systems, microphones, home-type electronic kits, and commerical sound equipment including public address systems		
36621	Commerical, industrial, and military electronic communication equipment, except telephone communication equipment	36621	Commerical, industrial, and military electronic communication equipment, except broadcast equipment and home-type intercommunication equipment
36629	Microwave and mobile telephone (communication) equipment		
36741	Integrated microcircuits (semiconductor networks)	36795	Other electronic components and accessories, n.e.c., including parts for electron tubes, except blanks
36795	Other electronic components and accessories, n.e.c.		
36742	Transistors	36740	Solid state semiconductor devices
36743	Diodes and rectifiers		
36749	Other semiconductor devices		
37111	Passenger cars, knocked down or assembled, and chassis for sale separately	37171	Passenger cars, knocked down or assembled, and chassis for sale separately
37112	Truck tractors, truck chassis and trucks (chassis of own manufacture)	37172	Truck tractors, truck chassis and trucks (chassis of own manufacture)

1967 Census of Manufactures as Related to 1963 Census of Manufactures—Continued

1967		1963	
Product class code	Product class description	Product class code	Product class description
37113	Buses (except trolley buses) and fire department vehicles (chassis of own manufacture)	37173	Buses (except trolley buses) and fire department vehicles (chassis of own manufacture)
37114	Combat vehicles, wheeled or tracked tactical vehicles or carriers (excluding tanks)	37174	Combat vehicles
37115	Passenger car bodies	37175	Parts and accessories for passenger cars, trucks, and buses shipped to motor vehicle manufacturers
37141	Parts and accessories for motor vehicles, excluding kits and rebuilt parts	37176	Parts and accessories for passenger cars, trucks, and buses shipped to other than motor vehicle manufacturers
37143	Rebuilt engines and parts for motor vehicles (except carburetors)	37177	Rebuilt motor vehicle engines and parts (except carburetors)
37295	Aircraft propellers and propeller parts	37230	Aircraft propellers and parts
37411	Locomotives, new and rebuilt, railroad service and switching type	37411	Road service, road switching and switching type locomotives
37412	Mining and industrial type locomotives, new and rebuilt	37412	Mining and industrial types (including diesel-electric, diesel mechanical, electric storage battery, etc.)
37413	Parts for locomotives, for sale separately	37413	Parts for locomotives, for sale separately, and rebuilt locomotives
38511	Ophthalmic fronts and temples	38510	Ophthalmic goods
38512	Ophthalmic focus lenses, including contact lenses		
38513	All other ophthalmic goods		
38612	Photocopying equipment	38612	Photocopying, microfilming, blueprinting, brownprinting, and whiteprinting equipment
38614	Microfilming, blueprinting, brownprinting and whiteprinting equipment		
39492	Golf equipment	39492	Other sporting and athletic goods
39493	Other sporting and athletic goods		
39911	Brooms	39811	Brooms
39912	Paint and varnish brushes	39812	Paint and varnish brushes
39913	Other brushes	39813	Other brushes
39941	Metal caskets and coffins, completely lined and trimmed	39881	Metal caskets and coffins, completely lined and trimmed
39942	Wood caskets and coffins, completely lined and trimmed	39882	Wood caskets and coffins, completely lined and trimmed
39943	Other caskets and coffins, metal vaults, and morticians' supplies	39883	Other caskets and coffins, metal vaults, and morticians' supplies
39961	Linoleum	39821	Linoluem
39962	Asphalted-felt-base and supported plastic floor covering	39822	Asphalted-felt-base and supported plastic floor covering
39993	Matches	39830	Matches
39994	Candles	39840	Candles
39995	Lamp shades	39870	Lamp shades
39996	Furs, dressed and dyed	39920	Furs, dressed and dyed
39997	Umbrellas, parasols, and canes	39950	Umbrellas, parasols, and canes
39999	Other miscellaneous fabricated products, n.e.c.	39993	Other miscellaneous fabricated products

Appendix H

ALPHABETIC INDEX OF MANUFACTURED PRODUCTS

This index is intended to assist in locating statistics on manufactured products in table 6A, "Products and Product Classes—Quantity and Value of Shipments by All Producers: 1967 and 1963," in the industry chapters. Table 6A presents data not only for some 5,500 products reported in the 1967 census but for 5,000 additional products covered in the Current Industrial Reports series of commodity surveys, for which only summary totals were called for in the census of manufactures.

The product information in table 6A of any industry chapter is for products primary to the industries covered in that chapter; such products are coded, in the first four of their seven digits, to the industry code of their primary industry. Thus, pistols and revolvers, product code 1951232, are primary to industry 1951, Small Arms. The product statistics for the 7-digit code will be found in table 6A in chapter 19A, which includes industry 1951.

In this index the products, alphabetized and coded to their first five digits, are typically described in broad terms; more detail by size, material composition, end-use, etc., will be found in table 6A. To assist in locating product statistics, the index includes cross references or alternate ways of describing products.

Statistics on products are contained in tables other than 6A but no references to such other tables are given here. For example, summary product information at the industry (4-digit) level may be found in tables 5A and at the product class (5-digit) level in table 5B. Product class specialization general statistics may be found in table 8. In a few chapters, detailed product information is contained in tables in the table 6 series, in addition to table 6A.

This volume contains 80 chapters. Each chapter presents statistics, including product statistics, for several 4-digit industries. For each chapter, the paging commences with the 2-digit SIC major group number followed by a letter. Within that chapter, the individual pages are numbered sequentially. (For instance, the chapter on dairy products, covering industries 2021 to 2026, is numbered 20B.) Table AA, Product Finding Guide, gives a listing of each of the 80 chapters together with the industry codes included.

To use the alphabetic index in this appendix--

1. Find the product in the index.
2. Note the first four digits of its 5-digit code,
3. Locate the 4-digit code in table AA, and
4. Turn to table 6A in the chapter indicated.

For example, the product, "butter, creamery", will be found in the alphabetic index coded 20210. Referring to table AA, it will be noted that industry code 2021 is included in chapter 20B. In chapter 20B, table 6A will be found commencing on page 20B-14, with statistics for butter.

Table AA. Product Finding Guide

Products with first 4 digits coded—	Included in table 6A of chapter—	Products with first 4 digits coded—	Included in table 6A of chapter—
1911 to 1999	19A	2911 to 2999	29A
2011 to 2015	20A	3011 to 3079	30A
2021 to 2026	20B		
2031 to 2037	20C	3111 to 3142	31A
2041 to 2046	20D	3151 to 3199	31B
2051, 2052	20E		
2061 to 2073	20F	3211 to 3231	32A
2082 to 2087	20G	3241 to 3259	32B
2091 to 2094, 2096	20H	3261 to 3269	32C
		3271 to 3281	32D
2095, 2097 to 2099	20I	3291 to 3299	32E
2111 to 2141	21A	3312 to 3317	33A
		3321 to 3323	33B
2211 to 2241	22A	3331 to 3341	33C
2251 to 2259	22B	3351 to 3369	33D
2261 to 2269	22C	3391 to 3399	33E
2271 to 2279	22D		
2281 to 2284	22E	3411 to 3429	34A
2291 to 2299	22F	3431 to 3433	34B
		3441 to 3449	34C
2311 to 2329	23A	3451 to 3479	34D
2331 to 2339	23B	3481 to 3499	34E
2341 to 2369	23C		
2371 to 2389	23D	3511 to 3522	35A
2391 to 2399	23E	3531 to 3537	35B
		3541 to 3548	35C
2411 to 2429	24A	3551 to 3559	35D
2431 to 2433	24B	3561 to 3569	35E
2441 to 2499	24C	3572 to 3579	35F
		3581 to 3599	35G
2511 to 2519	25A		
2521 to 2599	25B		
		3611 to 3629	36A
2611 to 2631, 2661	26A	3631 to 3639	36B
		3641 to 3644	36C
2641 to 2649	26B	3651 to 3679	36D
2651 to 2655	26C	3691 to 3699	36E
2711 to 2741	27A	3711 to 3715	37A
2751 to 2761	27B	3721 to 3729	37B
2771 to 2794	27C	3731 to 3799	37C
2812 to 2819	28A	3811 to 3851	38A
2821 to 2824	28B	3861 to 3872	38B
2831 to 2834	28C		
2841 to 2844	28D	3911 to 3914	39A
2851, 2861	28E	3931 to 3949	39B
2871 to 2879	28F	3951 to 3964	39C
2891 to 2899	28G	3991 to 3999	39D

Code	Product
22981	ABACA ROPE AND CABLE - HARD FIBER CORDAGE
38213	ABRASION TESTING INSTRUMENTS
32912	ABRASIVE PRODUCTS, NONMETALLIC, BONDED
32913	ABRASIVE PRODUCTS, NONMETALLIC COATED
32912	ABRASIVE COMPOUNDS, NONMETALLIC BONDED
26219	ABRASIVE PAPER STOCK
32912	ABRASIVES, DIAMOND, ARTIFICIAL BONDED
32914	ABRASIVES, METAL
32912	ABRASIVES, NONMETALLIC NATURAL SIZED GRAINS, POWDER AND FLOUR
32911	ABRASIVES, NONMETALLIC, SYNTHETIC SIZED GRAINS, POWDER AND FLOUR
32911	ABRASIVES, SYNTHETIC, GRAINS, POWDERS, AND FLOUR
26472	ABSORBENT PADS, SANITARY PAPER PRODUCTS
26219	ABSORBENT PAPER, INCLUDING BLOTTING AND FILTER, SPECIAL INDUSTRIAL
28423	ABSORBENTS, CLEANERS - OIL DUST
23890	ACADEMIC GOWNS AND CAPS
22213	ACETATE AND/OR RAYON FABRICS AND BLENDS, GRAY GOODS
38213	ACCELERATION, VIBRATION AND OTHER KINEMATIC TESTING AND MEASURING EQUIPMENT
39314	ACCORDIONS AND PARTS
27821	ACCOUNT BOOKS, OTHER THAN SALESBOOKS, BLANKBOOK MAKING
35741	ACCOUNTING AND COMPUTING MACHINES, INCLUDING CASH REGISTERS
32962	ACCOUSTICAL PADS AND BOARDS, MINERAL WOOL
28213	ACETAL RESINS, THERMOPLASTIC
28182	ACETATE, ORGANIC, ACYCLIC
28182	ACETATE CELLULOSE, EXCEPT PLASTIC
28231	ACETATE, SALABLE WASTE
28231	ACETATE YARN MANMADE FIBERS
28231	ACETATE YARN, STAPLE AND TOW, MANMADE FIBERS
28612	ACETIC ACID, NATURAL
28182	ACETIC ACID, SYNTHETIC
28182	ACETIC COMPOUNDS, NONCYCLE, SYNTHETIC
28132	ACETYLENE, INDUSTRIAL
35483	ACETYLENE WELDING AND CUTTING APPARATUS
28191	ACID, NITRIC
28182	ACID, OXALIC
28182	ACID SALTS, ACYCLIC
28181	ACID SALTS, CYCLIC
28193	ACID, SULFURIC
28185	ACID, TANNIC
28185	ACID, TARTARIC
28411	ACID TYPE CLEANERS, BULK
20264	ACIDOPHILOUS MILK
28992	ACIDS, FATTY, PRODUCED FOR SALE AS SUCH FROM OWN OR PURCHASED MATERIALS
28194	ACIDS, INORGANIC, EXCEPT NITRIC AND SULFURIC
26611	ACOUSTICAL TILE
24996	ACOUSTICAL TILE BOARD, HARD PRESSED WOOD FIBER
28242	ACRYLIC AND ACRYLIC TYPE FIBERS
22212	ACRYLIC FABRICS - SILK AND MANMADE FIBER FABRICS (GRAY GOODS), 100% FILAMENT
28213	ACRYLIC RESIN, THERMOPLASTIC
28242	ACRYLONITRILE STAPLE FIBER
35741	ADDING MACHINES
28181	ADDITIVES, GASOLINE, CYCLIC
28181	ADDITIVES, LUBRICATING OIL, CYCLIC
27821	ADDRESS BOOKS, BLANKBOOK MAKING
35791	ADDRESSING MACHINES
20860	ADES AND FRUIT DRINKS, BOTTLED AND CANNED
20371	ADES, FROZEN OR CHILLED
38421	ADHESIVE PLASTER, SURGICAL DRESSINGS
26414	ADHESIVE TAPE, CELLOPHANE
28911	ADHESIVES AND CEMENTS, SYNTHETIC BASE OR NATURAL BASE
28215	ADHESIVES FROM PLASTICS AND RESIN MATERIALS PRODUCED IN THIS ESTABLISHMENT
28911	ADHESIVES, GLUES
28911	ADHESIVES, RUBBER AND SYNTHETIC RESIN
28183	ADIPIC ACID
32592	ADOBE BRICK
28332	ADRENAL GLANDS AND EXTRACTION, ANIMAL ORIGIN BULK
39932	ADVERTISING DISPLAYS - NONELECTRIC
27112	ADVERTISING IN DAILY AND SUNDAY NEWSPAPERS, RECEIPTS FROM
27212	ADVERTISING IN FARM PERIODICALS, RECEIPTS FROM
27216	ADVERTISING IN GENERAL PERIODICALS (I.E. - OTHER THAN FARM, SPECIALIZED BUSINESS, AND PROFESSIONAL) RECEIPTS FROM
27114	ADVERTISING IN WEEKLY AND OTHER NEWSPAPERS, RECEIPTS FROM
39932	ADVERTISING NOVELTIES
27519	ADVERTISING PRINTED BY SCREEN PROCESS
27515	ADVERTISING PRINTING BY LETTERPRESS
27525	ADVERTISING PRINTING BY LITHOGRAPHIC PROCESS
27214	ADVERTISING RECEIPTS FROM SPECIALIZED BUSINESS AND PROFESSIONAL MAGAZINES
27217	ADVERTISING, SALES, SUBSCRIPTION RECEIPTS FROM RELIGIOUS, SCHOOL, SUNDAY COMICS AND SUPPLEMENTS
39933	ADVERTISING SPECIALTIES, EXCLUDING SIGNS AND DISPLAYS
34232	ADZES
35351	AERIAL TRAMWAY AND CHAIRLIFT EQUIPMENT (CONVEYORS)
35690	AEROSOL PACKAGING MACHINES
28513	AEROSOL PAINTS - FROM PAINTS PRODUCED IN THIS ESTABLISHMENT
28519	AEROSOL PAINTS, MADE FROM PURCHASED PAINT
28421	AEROSOLS, HOUSEHOLD
28441	AFTERSHAVE LOTIONS
28430	AGENTS, SURFACE ACTIVE AND FINISHING
35316	AGGREGATE SPREADERS
34232	AGRICULTURAL EDGE HANDTOOLS, EXCEPT SCISSORS AND SHEARS
24262	AGRICULTURAL IMPLEMENT STOCK, HARDWOOD DIMENSION MILL PRODUCTS
28790	AGRICULTURAL PESTICIDES
19410	AIMING CIRCLES (FIRE CONTROL EQUIPMENT) MADE FROM PURCHASED MATERIAL
35614	AIR COMPRESSORS, EXCEPT REFRIGERATION
35616	AIR COMPRESSORS - PARTS AND ATTACHMENTS ONLY
35857	AIR CONDITIONERS, AUTO AND AIRCRAFT CABIN
35852	AIR-CONDITIONERS, ROOM
35852	AIR-CONDITIONING COILS, UNITARY
35852	AIR-CONDITIONING CONDENSING UNITS, UNITARY
36220	AIR CONDITIONING CONTROL ASSEMBLIES
34443	AIR-CONDITIONING DUCTS, INCLUDING DUST COLLECTING DUCTS, ALUMINUM AND STEEL (SHEET METAL)
35857	AIR COOLERS, USING EVAPORATED WATER
35361	AIR HOISTS
35642	AIR PURIFICATION EQUIPMENT AND AIR WASHERS
36343	AIR PURIFIER, PORTABLE ELECTRIC HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
34435	AIR RECEIVERS, METAL PRESSURE TANKS STANDARD LINE
36343	AIR SPACE HEATERS, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
23940	AIR SUPPORTED STRUCTURES, OF CANVAS, FROM PURCHASED PRODUCTS
35319	AIR TOOLS, CONTRACTORS, HANDHELD
35642	AIR WASHERS
36624	AIRBORNE NAVIGATIONAL SYSTEMS
34522	AIRCRAFT AND ORDNANCE HEADED-PRODUCTS-NONSTANDARD
34510	AIRCRAFT AND ORDNANCE, SCREW-MACHINE PRODUCTS
36211	AIRCRAFT AND SPACE MOTORS, FRACTIONAL HORSEPOWER
37291	AIRCRAFT BOMB RACKS AND GUN MOUNTS
37312	AIRCRAFT CARRIERS, NEW U.S. MILITARY, SELF-PROPELLED
37213	AIRCRAFT, COMPLETE, AIRLINE PASSENGER AND CARGO
37213	AIRCRAFT, COMPLETE, COMMERCIAL TRANSPORT
37211	AIRCRAFT, COMPLETE, MILITARY MAN-CARRYING INCLUDING AIRPLANES, BALLOONS, HELICOPTERS AND AUTOGIROS
37212	AIRCRAFT, COMPLETE-PERSONAL AND UTILITY
38211	AIRCRAFT ENGINE INSTRUMENTS, EXCEPT FLIGHT
37224	AIRCRAFT ENGINE PARTS AND ACCESSORIES
37222	AIRCRAFT ENGINES, EXCEPT U.S. MILITARY CUSTOMERS
37221	AIRCRAFT ENGINES FOR U.S. MILITARY CUSTOMERS
38111	AIRCRAFT FLIGHT, NAUTICAL, AND NAVIGATIONAL INSTRUMENTS AND AUTOMATIC PILOTS
37291	AIRCRAFT FUEL METERING SYSTEM
34291	AIRCRAFT HARDWARE
37291	AIRCRAFT PARTS AND AUXILIARY EQUIPMENT
37293	AIRCRAFT PARTS, RECEIPTS FROM RESEARCH AND DEVELOPMENT ONLY
30113	AIRCRAFT PNEUMATIC TIRES
37214	AIRCRAFT, PREVIOUSLY ACCEPTED AND NOW BEING MODIFIED, CONVERTED, OR OVERHAULED
37295	AIRCRAFT PROPELLERS AND PARTS
37216	AIRCRAFT SERVICES, INCLUDING RESEARCH AND DEVELOPMENT RECEIPTS
33579	AIRFRAME AND MISSILE WIRE AND CABLE INCLUDING GROUND SUPPORT CABLE
37292	AIRFRAMES, GUIDED MISSILES
34334	AIRTIGHT SHEET METAL WOOD STOVE DOMESTIC
36623	ALARM AND SIGNAL SYSTEMS, ELECTRIC AND ELECTRONIC
38711	ALARM CLOCKS, COMPLETE
36623	ALARM SYSTEMS, ELECTRONIC
27821	ALBUMS AND SCRAPBOOKS, BLANKBOOK MAKING
28185	ALCOHOL, ETHYL
28182	ALCOHOL, METHYL, SYNTHETIC
28612	ALCOHOL, METHYL, WOOD, NATURAL
28346	ALCOHOL, RUBBING
28612	ALCOHOL, WOOD
28185	ALCOHOLS (EXCEPT METHYL), NATURAL, NONBEVERAGE
28182	ALCOHOLS, SYNTHETIC, NONBEVERAGE: ALSO EXCLUDING ETHYL AND RUBBING ALCOHOL
20820	ALE - CANS OR BOTTLES CASE GOODS OR BARRELS AND KEGS
20424	ALFALFA MEAL SUN-CURED AND DEHYDRATED
35484	ALIGNERS, CONNECTING ROD WHEEL, AUTOMOTIVE
28411	ALKALINE DETERGENTS AND ACID-TYPE CLEANERS, BULK
28331	ALKALOIDS AND SALTS, SYNTHETIC, BULK
28214	ALKYD RESIN
28314	ALLERGENIC EXTRACTS, HUMAN USE
27413	ALMANACS, PUBLISHED
25312	ALTARS, CHURCH FURNITURE
38111	ALTIMETERS, BAROMETRIC
28196	ALUM, ALUMINUM COMPOUNDS
32640	ALUMINA PORCELAIN INSULATORS
33610	ALUMINUM AND ALUMINUM-BASE ALLOY CASTINGS
33920	ALUMINUM AND ALUMINUM-BASE ALLOY FORGINGS
33348	ALUMINUM BILLETS EXTRUDED, PRODUCED IN PRIMARY REDUCTION PLANT
33521	ALUMINUM CABLE, STEEL REINFORCED (ACSR) MADE IN ROLLING MILL
28196	ALUMINUM COMPOUNDS, EXCEPT ALUMINUM OXIDE
33610	ALUMINUM COOKING UTENSILS, CAST
33528	ALUMINUM EXTRUSION BILLET, PRODUCED IN ROLLING MILLS
33418	ALUMINUM EXTRUSION BILLET, SECONDARY SMELTING
34413	ALUMINUM, FABRICATED STRUCTURAL (EXCEPT FOR BUILDINGS AND BRIDGES)
34412	ALUMINUM, FABRICATED STRUCTURAL, FOR BRIDGES ONLY
34411	ALUMINUM, FABRICATED STRUCTURAL, FOR BUILDINGS
34970	ALUMINUM FOIL, LAMINATED
33523	ALUMINUM FOIL PLAIN, MADE IN A ROLLING MILL
34990	ALUMINUM GIFTWARE HAMMERED
33347	ALUMINUM, INGOT, MADE IN PRIMARY REDUCTION PLANT
33527	ALUMINUM INGOT, PRODUCED IN ROLLING MILLS
33417	ALUMINUM INGOT, SECONDARY SMELTING
32912	ALUMINUM OXIDE, ABRASIVE, BONDED
32911	ALUMINUM OXIDE, ABRASIVE SIZED GRAINS POWDER AND FLOUR
28195	ALUMINUM OXIDE, EXCEPT NATURAL ALUMINA
33522	ALUMINUM PLATE AND SHEET, MADE IN A ROLLING MILL
33991	ALUMINUM POWDER AND PASTE PRIMARY
33525	ALUMINUM ROD, BAR, AND SHAPES, EXTRUDED
33524	ALUMINUM ROD, BAR, CONTINUOUS CAST, STRUCTURAL SHAPES, ROLLED
33526	ALUMINUM ROLLED, DRAWN, OR EXTRUDED MILL PRODUCTS
33417	ALUMINUM SECONDARY SMELTING
33526	ALUMINUM TUBE EXTRUDED DRAWN AND WELDED
34614	ALUMINUM UTENSILS, STAMPED AND SPUN, COOKING AND KITCHEN, HOUSEHOLD, HOSPITAL, AND COMMERCIAL
34422	ALUMINUM WINDOW SASH AND FRAMES EXCEPT STORM SASH
33571	ALUMINUM WIRE AND CABLE, BARE INCLUDING ACSR PRODUCED IN A WIRE-DRAWING ESTABLISHMENT
33571	ALUMINUM WIRE PRODUCED IN WIREDRAWING ESTABLISHMENTS
33521	ALUMINUM WIRE, ROLLING MILL PRODUCT
36621	AMATEUR RADIO COMMUNICATION EQUIPMENT
37111	AMBULANCES, COMPLETE VEHICLES, KNOCKED-DOWN OR ASSEMBLED
37130	AMBULANCES, COMPLETE VEHICLES, PRODUCED ON PURCHASED CHASSIS
37112	AMBULANCES, MADE ON OWN MANUFACTURE CHASSIS
36113	AMMETERS AND VOLTMETERS FOR MOTOR VEHICLES
28423	AMMONIA, HOUSEHOLD
33121	AMMONIA (SULFATE AND LIQUOR), COKE-OVEN BYPRODUCT
28191	AMMONIA, SYNTHETIC
28191	AMMONIUM COMPOUNDS, INORGANIC
28921	AMMONIUM NITRATE, HIGH EXPLOSIVES, INDUSTRIAL
35595	AMMUNITION AND EXPLOSIVE LOADING MACHINERY AND EQUIPMENT
19291	AMMUNITION, ARTILLERY (INCLUDING ROUNDS, CASES, AND COMPONENTS) OVER 30 MM. (OR OVER 1.18 INCHES)

Code	Product
34990	AMMUNITION BOXES AND CHESTS, METAL
19293	AMMUNITION, EXCEPT ARTILLERY AMMUNITION, OVER 30 MM. (OR OVER 1.18 INCHES), INCLUDING PARTS
19610	AMMUNITION FOR SMALL ARMS, 30 MM. (1.18 INCHES) OR UNDER
19292	AMMUNITION LOADING AND ASSEMBLY FOR ARMS OVER 30 MM. (OR OVER 1.18 INCHES), RECEIPTS FOR
19291	AMMUNITION PARTS, ARTILLERY (PROJECTILE METAL) OVER 30 MM.(OR OVER 1.18 INCHES)
19610	AMMUNITION WADS AND 30 MM. (OR 1.18 INCHES) AND UNDER
36111	AMPERE-HOUR METERS
19310	AMPHIBIAN TANKS AND PARTS
36515	AMPLIFIERS AND PREAMPLIFIERS, AUDIO, HOUSEHOLD
36626	AMPLIFIERS, MAGNETIC
35992	AMUSEMENT MACHINES AND EQUIPMENT FOR CARNIVALS
39992	AMUSEMENT MACHINES, COIN-OPERATED
28182	AMYL ACETATE, ACYCLIC
28341	ANABOLIC AGENTS (ANDROGENIC HORMONES EMPLOYED PRIMARILY FOR ANABOLIC ACTIVITY)
28342	ANALGESICS, INCLUDING NARCOTICS
36112	ANALYZERS, ELECTRICAL, FOR TESTING INTERNAL COMBUSTION ENGINES
34521	ANCHOR BOLTS AND RODS
20310	ANCHOVIES, CANNED EXCEPT FROZEN
28342	ANESTHETICS FOR HUMAN USE
28349	ANESTHETICS, FOR VETERINARY USE, PHARMACEUTICAL
35453	ANGLE IRONS AND PLATES, TOOLROOM
20874	ANGOSTURA BITTERS
28790	ANIMAL DIPS
20424	ANIMAL FEEDING MATERIALS AND ADJUNCTS, OTHER THAN COMPLETE LIVESTOCK AND POULTRY FEED, AND OTHER THAN DOG AND CAT FOOD
20424	ANIMAL FEEDS FOR FUR ANIMALS (MINK, FOX, ETC.)
20424	ANIMAL FEEDS (SPECIAL) FOR LABORATORY (MOUSE, GUINEA PIG, ETC.)
20943	ANIMAL OIL AND OIL MILL PRODUCTS, EXCEPT FATTY ACIDS
20942	ANIMAL REFUSE, WET OR DRY
20943	ANIMAL STEARIN, INEDIBLE
22531	ANKLET CUFFS, KNIT, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
22524	ANKLETS AND SOCKS (EXCEPT MISSES' KNEE-LENGTH), FOR MISSES AND CHILDREN, SHIPPED IN THE GREIGE
22523	ANKLETS FOR MISSES AND CHILDREN, FINISHED AND FULL FASHIONED, MADE OF COTTON, NYLON, ALL OTHER YARNS AND MIXTURES
33996	ANNEALING AND PICKLING OF STEEL FOR THE TRADE
27515	ANNOUNCEMENTS FOR ADVERTISING LETTERPRESS PRINTED
27518	ANNOUNCEMENTS PRINTED BY GRAVURE
27525	ANNOUNCEMENTS PRINTED BY LITHOGRAPHIC PROCESS
26491	ANNOUNCEMENTS, WEDDING AND SOCIAL, PAPER CARDS AND ENVELOPES
34710	ANODIZING, ELECTROPLATING, PLATING, POLISHING, COLORING
28421	ANT POISON
28345	ANTACIDS, PHARMACEUTICAL PREPARATIONS, FOR HUMAN USE
36795	ANTENNA ROTATORS
36622	ANTENNAS, RADIO AND TV, EXCEPT RECEIVING TYPES
28155	ANTHROCENE
28348	ANTIBIOTIC PREPARATIONS FOR HUMAN USE, PHARMACEUTICAL
28348	ANTIBIOTICS IN COMBINATION WITH SULFA DRUGS, PHARMACEUTICAL, FOR HUMAN USE
28312	ANTIBODIES, NATURALLY PRODUCED
28349	ANTIBIOTICS, VETERINARY, PHARMACUETICAL
28343	ANTICOAGULANTS, PHARMACEUTICAL, FOR HUMAN USE
28993	ANTIFREEZE, AUTO
28348	ANTI-INFECTIVE AGENTS (EXCLUDING CORTICOID ANTI-INFECTIVE COMBINATIONS
28312	ANTIGENS, BACTERIAL, HUMAN USE
28344	ANTIHISTAMINES, ALL FORMS
28199	ANTIMONY COMPOUNDS
28162	ANTIMONY OXIDE PIGMENT
28341	ANTINEOPLASTIC AGENTS
28341	ANTIOBESITY PREPARATIONS (PHARMACEUTICALS) FOR HUMAN USE
28346	ANTISEPTICS, EXTERNAL PHARMACEUTICAL FOR HUMAN USE
28349	ANTISEPTICS, WOUND DRESSINGS AND FUNGICIDES, VETERINARY, PHARMACEUTICAL
19990	ANTISUBMARINE PROJECTORS (ORDNANCE)
28315	ANTITOXINS, TOXOIDS, AND DIAGNOSTICS FOR VETERINARY USE
28313	ANTITOXINS, HUMAN USE
22411	APPAREL, ELASTIC NARROW WOVEN FABRICS
23282	APPAREL (EXCEPT SHIRTS), SERVICE, WASHABLE, MEN'S, YOUTHS', AND BOYS'
23961	APPAREL FINDINGS, MEN'S AND BOYS'
23289	APPAREL, SERVICE, WASHABLE, MEN'S, YOUTHS', AND BOYS' (CONTRACT AND COMMISSION RECEIPTS)
23392	APPAREL, SERVICE, WASHABLE, WOMEN'S
22411	APPAREL WEBBING, POCKET, SHOE, AND BELT WEBBING
28345	APPETITE DEPRESSANTS, PHARMACEUTICAL, FOR HUMAN USE
20331	APPLESAUCE, CANNED
28516	APPLIANCE FINISHES, ALKYD AND OIL TYPES, INDUSTRIAL
36996	APPLIANCE WIRE AND CORD MANUFACTURED FROM PURCHASED MATERIAL
33576	APPLIANCE WIRE AND CORD PRODUCED IN ESTABLISHMENTS WHICH INSULATE WIRE
30795	APPLIANCES, HOUSING, MADE OF PLASTIC-COMPONENTS, ACCESSORIES AND PARTS, HOUSEHOLD AND COMMERCIAL
36344	APPLIANCES, SMALL, HOUSEHOLD, ELECTRICAL, PARTS AND ATTACHMENTS ONLY
24995	APPLICATORS, WOODEN, FLAT VENEER
27821	APPOINTMENT BOOKS, BLANKBOOK MAKING
23690	APRONS, GIRLS' AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23282	APRONS, MENS, EXCEPT PLASTIC AND RUBBERIZED
30698	APRONS, RUBBER
23850	APRONS, WATERPROOF PLASTIC AND RUBBERIZED (NOT ALL RUBBER)
23392	APRONS, WOMEN'S, MISSES', AND JUNIORS', WASHABLE SERVICE APPAREL
39493	AQUALUNG AND ATTACHMENTS FACE MASK AND FINS (UNDERWATER SPORTS EQUIPMENT)
36930	ARC LAMP UNITS, ELECTROTHERAPEUTIC, EXCEPT INFRA-RED AND ULTRA-VIOLET
36232	ARC WELDING ELECTRODES, METAL
36231	ARC WELDING MACHINES, COMPONENTS AND ACCESSORIES EXCEPT ELECTRODES
28421	ARCH SUPPORTS AND OTHER FOOT APPLIANCES
38421	ARCH SUPPORTS
39493	ARCHERY EQUIPMENT
32723	ARCHES AND COLUMNS, PRESTRESSED CONCRETE PRODUCTS
34460	ARCHITECTURAL AND ORNAMENTAL METALWORK (EXCEPT CURTAIN WALL AND OTHER EXTERIOR PANELS)
24318	ARCHITECTURAL MILLWORK PRODUCTS
34611	ARCHITECTURAL PORCELAIN PARTS EXTERIOR AND INTERIOR (VITREOUS ENAMEL)
30798	ARCTICS AND GAITERS MADE OF PLASTIC
30210	ARCTICS, FOOTWEAR, RUBBER WATERPROOF
28134	ARGON, INDUSTRIAL
23890	ARM BANDS
36946	ARMATURES, FIELD COILS AND DRIVE END HOUSING FOR CRANKING MOTORS
36946	ARMATURES FOR BATTERY CHARGING GENERATORS-ENGINE ELECTRICAL EQUIPMENT
19310	ARMORED UTILITY VEHICLES, INCLUDING PARTS
25144	ARMY COTS, METAL
29110	AROMATICS (BENZENE, TOLUENE, XYLENES, ETC.)
28199	ARSENIC COMPOUNDS
28790	ARSENIC COMPOUNDS FOR AGRICULTURE
32291	ART GLASSWARE MADE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	ART GLASSWARE MADE FROM PURCHASED GLASS
23951	ART GOODS (EXCEPT SCHIFFLI-MACHINE) FOR EMBROIDERING AND PUNCHING, STAMPED
32990	ART GOODS, NONMETALLIC MINERAL
23951	ART NEEDLEWORK (EXCEPT SCHIFFLI-MACHINE)
27518	ART REPRODUCTIONS AND PICTURE PRINTS GRAVURE PROCESS
27526	ART REPRODUCTIONS AND PICTURE PRINTS PRINTED BY LITHOGRAPHIC PROCESS
22790	ART SQUARES, FLOOR COVERING, TEXTILE
39620	ARTIFICIAL FLOWERS, FEATHERS, PLUMES
22952	ARTIFICIAL LEATHER, EXCEPT PAPER
38421	ARTIFICIAL LIMBS
28993	ARTIFICIAL SNOW (CHEMICAL)
19291	ARTILLERY AMMUNITION OVER 30 MM. (OR OVER 1.18 INCHES)
19291	ARTILLERY AMMUNITION PARTS (PROJECTILE METAL) OVER 30 MM. (OR OVER 1.18 INCHES)
19110	ARTILLERY PARTS, OVER 30 MM (OR OVER 1.18 INCHES)
19110	ARTILLERY OVER 30 MM. (OR OVER 1.18 INCHES)
39522	ARTISTS MATERIALS
32924	ASBESTOS-CEMENT SHINGLES AND CLAPBOARD
32927	ASBESTOS CLOTH
32927	ASBESTOS FELT, ROOFING
32922	ASBESTOS FRICTION MATERIAL
32932	ASBESTOS GASKETS
32933	ASBESTOS INSULATION
26612	ASBESTOS PAPER AND ASBESTOS FILLED PAPER
32924	ASBESTOS ROOFING SHINGLES
32924	ASBESTOS SIDING SHINGLES AND CLAPBOARD
32927	ASBESTOS TAPE
32927	ASBESTOS TEXTILES
32927	ASBESTOS WICK AND ROPE
32927	ASBESTOS YARN, CORD AND THREAD
34618	ASHCANS, METAL
32690	ASHTRAYS, POTTERY
24995	ASHTRAYS, WOODEN
29119	ASPHALT
29522	ASPHALT AND TAR COATINGS, CEMENTS, PITCHES, ROOFING
29523	ASPHALT AND TAR ROOFING AND SIDING PRODUCTS
29521	ASPHALT AND TAR SATURATED FELTS AND BOARDS, NONBUILDING USE
29523	ASPHALT SIDING, ROLL AND SHINGLE FORM, FELT-BASE
29523	ASPHALT BOARD PRODUCTS
39962	ASPHALT-FELT-BASE AND SUPPORTED PLASTIC FLOOR COVERING
32925	ASPHALT FLOOR TILE
29510	ASPHALT, LIQUID AND TAR PAVING MATERIALS
29523	ASPHALT OR TAR SATURATED SHEATHINGS
29510	ASPHALT PAVING MIXTURES AND BLOCKS
29523	ASPHALT ROOFING, MINERAL OR SMOOTH SURFACED ROLL
29523	ASPHALT AND TAR SATURATED FELTS
29523	ASPHALT SIDING INSULATING BOARD BASE
35316	ASPHALT TANK CAR HEATING CIRCULATORS
29522	ASPHALTIC ROOFING COATINGS AND CEMENTS
29510	ASPHALTIC SLAG AND LIMESTONE
28342	ASPIRIN AND ASPIRIN COMPOUNDS FOR HUMAN USE
22523	ATHLETIC AND CREW SOCKS FOR BOYS, FINISHED AND SEAMLESS, MADE OF COTTON, ALL OTHER YARNS AND MIXTURES
22522	ATHLECTIC AND CREW SOCKS FOR MEN, FINISHED AND SEAMLESS, MADE OF COTTON, WOOL, ACRYLIC, ALL OTHER YARNS AND MIXTURES
22523	ATHLETIC AND CREW SOCKS FOR MISSES AND CHILDREN, FINISHED AND SEAMLESS, COTTON, ALL OTHER YARNS AND MIXTURES
39493	ATHLETIC AND SPORTING GOODS AND EQUIPMENT, EXCEPT GOLF EQUIPMENT
31417	ATHLETIC SHOES, MEN'S, BOYS' AND WOMEN'S (EXCEPT SNEAKER TYPE)
22533	ATHLETIC SHORTS MADE FROM YARNS OR FABRIC KNIT AT THE ESTABLISHMENT
23292	ATHLETIC SHORTS, MEN'S AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT
23221	ATHLETIC TYPE KNIT UNDERSHIRTS, FOR MEN AND BOYS, MADE FROM PURCHASED KNIT FABRIC
27516	ATLASES, PRINTED BY LETTERPRESS
27526	ATLASES, PRINTED BY LITHOGRAPHIC
27413	ATLASES, PUBLISHING OF
31610	ATTACHE CASES
35314	ATTACHMENTS, FRONT-END, FOR POWER CRANES, DRAGLINES AND SHOVEL
36793	ATTENUATORS, RESISTORS FOR ELECTRONIC APPLICATION
35641	ATTIC-TYPE FANS
36622	AUDIO EQUIPMENT
34232	AUGER BITS
35321	AUGERS, COAL RECOVERY, MINING MACHINERY AND EQUIPMENT
35319	AUGERS, EARTH, TRACTOR-MOUNTING
27611	AUTO-GRAPHIC REGISTER BUSINESS FORMS, MANUFACTURING OF STRIP OR FANFOLD CONTINUOUS ROLLS OR FOLDED PACKS
36343	AUTOMATIC COFFEEMAKERS, ELECTRIC (EXCEPT PARTS AND ATTACHMENTS FOR SUCH ITEMS)
35811	AUTOMATIC MERCHANDISING MACHINES, INCLUDING PARTS
38111	AUTOMATIC PILOT
34941	AUTOMATIC REGULATING VALVES DIAPHRAGM OR FLOAT FOR PIPING SYSTEMS
38220	AUTOMATIC TEMPERATURE CONTROLS
35857	AUTOMOBILE AIR-CONDITIONERS
23990	AUTOMOBILE AND AIRCRAFT SEAT OR SAFETY BELTS FROM PURCHASED FABRIC
22720	AUTOMOBILE AND AIRCRAFT TUFTED CARPETING
28424	AUTOMOBILE BODY POLISH AND CLEANERS
37111	AUTOMOBILE CHASSIS FOR SALE SEPARATELY
38711	AUTOMOBILE CLOCKS, COMPLETE
32316	AUTOMOBILE GLASS, EXCEPT SAFETY, MADE OF PURCHASED GLASS
34291	AUTOMOBILE HARDWARE
34231	AUTOMOBILE JACKS, MECHANICAL
35340	AUTOMOBILE LIFTS, SERVICE STATION AND GARAGE TYPE
35484	AUTOMOBILE MAINTENANCE EQUIPMENT
30111	AUTOMOBILE PNEUMATIC TIRES, CASINGS
36511	AUTOMOBILE RADIOS
22116	AUTOMOBILE SEAT COVER CLOTH, COTTON (GRAY GOODS)

Code	Product
23990	AUTOMOBILE SEAT COVERS, FIBER, SARAN OR PLASTIC WOVEN AND CLEAR PLASTIC, FROM PURCHASED FABRIC
30693	AUTOMOBILE SEATING, LATEX FOAM RUBBER
25312	AUTOMOBILE SEATS, FOR PUBLIC CONVEYANCES
28424	AUTOMOBILE TOP DRESSINGS
37991	AUTOMOBILE TRAILERS, EXCEPT HOUSETRAILERS
23962	AUTOMOBILE TRIMMINGS
22411	AUTOMOBILE WIND LACE
37111	AUTOMOBILES, COMPLETE VEHICLES, KNOCKDOWN OR ASSEMBLED
37141	AUTOMOBILES, PARTS AND ACCESSORIES ONLY
28993	AUTOMOTIVE CHEMICALS
26612	AUTOMOTIVE FELTS, CONSTRUCTION PAPER PRODUCTS
28516	AUTOMOTIVE FINISHES, ALKYD AND OIL TYPES, INDUSTRIAL
29111	AUTOMOTIVE GASOLINE
37141	AUTOMOTIVE GASOLINE ENGINES NEW (PRODUCED BY OTHER THAN MOTOR VEHICLE PRODUCERS)
34522	AUTOMOTIVE HEADED PRODUCTS NONSTANDARD
22930	AUTOMOTIVE PADS - SISAL AND COTTON LINTERS, RAW AND WASTE
26451	AUTOMOTIVE PAPERBOARD PRODUCTS (PANEL, TRIM, ETC.)
34510	AUTOMOTIVE SCREW-MACHINE PRODUCTS
34613	AUTOMOTIVE STAMPING
33579	AUTOMOTIVE WIRE AND CABLE
36215	AUTOSYNS, FRACTIONAL AND INTEGRAL HORSEPOWER (EXCEPT PARTS AND SUPPLIES FOR SUCH ITEMS)
29111	AVIATION GASOLINE
36425	AVIATION GROUND LIGHTING EQUIPMENT (EXCEPT PARTS AND ACCESSORIES)
24311	AWNING AND CASEMENT UNITS, WOOD FOR WINDOWS, MADE IN A MILLWORK PLANT
34422	AWNING FRAMES, ALUMINUM
34443	AWNINGS AND CANOPIES, SHEET METAL
23940	AWNINGS AND PAINTED AWNING STRIPES, CANVAS, MADE FROM PURCHASED FABRIC
34422	AWNINGS, METAL, OTHER THAN SHEET METAL
34232	AXES
22710	AXMINSTER WOOL OR CHIEFLY WOOL WOVEN CARPETS AND RUGS
33323	BABBITT, METAL-PRIMARY
33413	BABBITT, METAL-SECONDARY
20932	BABASSU OIL
25116	BABY BATHS, WOODEN, PAINTED OR FINISHED
22110	BABY BLANKETS, COTTON MADE IN BROADWOVEN FABRIC MILLS
25144	BABY CAR SEATS AND BEDS, METAL
39430	BABY CARRIAGES
20321	BABY FOODS, CANNED, EXCEPT MEAT, CEREAL AND BISCUITS
25152	BABY MATTRESS, CRIB, RUBBER OR LATEX CORE
25152	BABY MATTRESS, INNERSPRING
28445	BABY OIL
23920	BABY PADS, MADE FROM PURCHASED FABRIC
23850	BABY PAINTS, PLASTIC AND RUBBERIZED NOT ALL RUBBER
30698	BABY PANTS, RUBBER
25144	BABY PLAY PENS, METAL
31416	BABY SHOES
35318	BACKHOES, CONSTRUCTION MACHINERY FOR MOUNTING ON TRACTORS
20116	BACON, MADE IN MEATPACKING PLANT
20136	BACON, NOT MADE IN MEATPACKING PLANT
20992	BACON RINDS, STRIPS BAGGED OR CANNED
28315	BACTERINS AND MIXED BACTERINS FOR VETERINARY USE
23990	BADGES MADE OF TEXTILE PURCHASED FABRIC
39493	BADMINTON
31111	BAG, CASE AND STRAP LEATHER, FINISHED CATTLE HIDE
26432	BAG AND LINERS, GLASSINE, GREASEPROOF, AND PARCHMENT
35690	BAG AND POUCH FORMING, FILLING AND SEALING MACHINES
22112	BAG FABRICS, COTTON, GRAY GOODS
26217	BAG, PAPER, COARSE, UNBLEACHED KRAFT
20610	BAGASSE
22992	BAGGING, JUTE, FOR BALING COTTON
22562	BAGGING, MEAT, FINISHED CIRCULAR KNIT FABRIC, A KNIT FABRIC MILL PRODUCT
26432	BAGS AND LINERS OF UNSUPPORTED FILM (CELLOPHANE, POLYETHYLENE,
26432	BAGS AND LINERS OF UNSUPPORTED FILM (CELLOPHANE, POLYETHYLENE, PLIOFILM, ACETATE, ETC.)
26432	BAGS AND LINERS, POLYETHYLENE COMBINATIONS, INCLUDING POLYETHYLENE AND FOIL COMBINATIONS
26218	BAGS AND SACKS, GROCER, SHIPPING SACKS, ETC., EXCEPT UNBLEACHED KRAFT
26217	BAGS AND SACKS, GROCER, SHIPPING SACKS, ETC., UNBLEACHED KRAFT
22992	BAGS, BURLAP, MADE IN TEXTILE MILLS
26432	BAGS, CELLOPHANE
26432	BAGS, FOIL OR FOIL BACKED PAPER
26431	BAGS, GROCERS' AND VARIETY (GARMENT, SHOPPING, WARDROBE, MOTHPROOF, PAPER, ETC.)
26432	BAGS, HOUSEHOLD, (ALL MATERIALS) (GARBAGE, LUNCH, SANDWICH, ETC.)
31610	BAGS, LEATHER
31610	BAGS, LUGGAGE, ALL MATERIALS
23920	BAGS, LAUNDRY, SHOE, WARDROBE, MADE FROM PURCHASED FABRIC
26433	BAGS, MULTIWALL, PAPER
26432	BAGS, PLASTIC
39493	BAGS, PUNCHING
30697	BAGS, RUBBER
23990	BAGS, SLEEPING, TEXTILE FROM PURCHASED FABRIC
23930	BAGS, TEXTILE (EXCEPT LAUNDRY, WARDROBE AND SHOE) MADE FROM PURCHASED FABRIC
26431	BAGS, WARDROBE, SHOPPING, OF PAPER
39491	BAIT, ARTIFICIAL, FISHING
20323	BAKED BEANS, CANNED
20373	BAKED GOODS, FROZEN
20263	BAKERS' CHEESE
35512	BAKERY MACHINERY AND EQUIPMENT, DOUGH MIXERS, SLICING AND WRAPPING MACHINES
20522	BAKERY PRODUCTS, DRY, EXCEPT BISCUITS, CRACKERS, AND PRETZELS
20512	BAKERY PRODUCTS, SWEET YEAST GOODS
34614	BAKEWARE, STAMPED AND SPUN ALUMINUM
28512	BAKING JAPANS AND DRIERS, INDUSTRIAL
20994	BAKING POWDER
20515	BAKING POWDER LEAVENED PASTRIES INCLUDING CREAMPUFFS, ECLAIRS, LADY FINGERS, FRENCH PASTRY, PUFF PASTRY
35484	BALANCERS, WHEEL, AUTO
35760	BALANCES AND SCALES, EXCEPT LABORATORY (INCLUDING PARTS AND ACCESSORIES)
22562	BALBRIGGAN, FINISHED CIRCULAR KNIT FABRIC (A KNIT FABRIC MILL PRODUCT)
22541	BALBRIGGAN UNDERSHIRTS, MADE IN KNITTING MILLS
22112	BALE COVERINGS, COTTON (GRAY GOODS)
33159	BALE WIRE TIES, FERROUS WIRE, MADE IN WIREDRAWING PLANTS
34819	BALE TIES, FERROUS WIRE, NOT PRODUCED BY WIREDRAWERS
22981	BALER TWINE-HARD FIBER TWINE
35690	BALERS, SCRAP METAL, WASTE PAPER ETC., INDUSTRIAL MACHINERY
35629	BALL AND ROLLER BEARINGS, PARTS AND COMPONENTS ONLY
35621	BALL BEARINGS, COMPLETE
19251	BALLISTIC MISSILES, COMPLETELY ASSEMBLED
37211	BALLOONS, MILITARY AIRCRAFT
30698	BALLOONS, RUBBER
39510	BALLPOINT PENS
35629	BALLS AND ROLLERS, SOLD SEPARATELY
39493	BALLS FOR SPORTS, ALL TYPES, EXCEPT GOLF
30698	BALLS, RUBBER--EXCEPT INFLATABLE ATHLETIC BALLS
24318	BALUSTERS, WOOD, STAIR
34250	BAND SAW BLADES
22113	BANDAGE CLOTH, COTTON (GRAY GOODS)
38421	BANDAGES, ELASTIC, MUSLIN, PLASTER OF PARIS, ETC.
23421	BANDEAUX
22414	BANDING, SPINDLE BRAIDED
22411	BANDING, SPINDLE
23890	BANDS, ARM
23961	BANDS, HAT, MEN'S AND BOYS'
39314	BANJOS
27524	BANK AND BANK FORM PRINTING, LITHOGRAPHIC PROCESS
34920	BANK AND SECURITY VAULTS AND EQUIPMENT
27514	BANK CHECKS AND DEPOSIT SLIPS, LETTERPRESS PRINTED
27518	BANK CHECKS PRINTED BY GRAVURE
27524	BANK CHECKS PRINTED BY LITHOGRAPHIC
25420	BANK COUNTERS, METAL
25410	BANK COUNTERS, WOOD
27514	BANK FORMS PRINTING, INCLUDING PASSBOOKS, DEBITS AND CREDIT SLIPS, LEDGER AND STATEMENT SHEETS, BY LETTERPRESS
23990	BANNERS, TEXTILE FROM PURCHASED FABRIC
34493	BAR JOIST, METAL, FABRICATED
28413	BAR SOAP, MEDICATED, HAND, SHAVING, TOILET OR LAUNDRY HOUSEHOLD
34930	BAR SPRINGS, TORSION, EXCEPT WIRE
20336	BARBECUE SAUCE
36312	BARBECUER, FOR OUTDOOR COOKING (EXCEPT ELECTRIC)
33159	BARBED AND TWISTED WIRE, FERROUS, MADE IN WIREDRAWING PLANTS
34819	BARBED AND TWISTED WIRE, FERROUS NOT PRODUCED BY WIREDRAWERS
34211	BARBER SHEARS
39999	BARBER SHOP EQUIPMENT AND FURNITURE AND ACCESSORIES
28342	BARBITURATES
28331	BARBITURIC ACID DERIVATIVES, SYNTHETIC, BULK
37311	BARGES AND SHIPS, NONPROPELLED, NEW
32950	BARITE, GROUND
28199	BARIUM, INORGANIC CHEMICAL
20830	BARLEY MALT
22920	BARMEN LACES
35228	BARN AND BARNYARD EQUIPMENT, INCLUDING ATTACHMENTS
24313	BARN WINDOW AND DOOR FRAMES, WOOD
24290	BARREL HEADING AND STAVES, SAWED AND SPLIT, A SAWMILL PRODUCT
34913	BARRELS, BEER AND MILK, METAL, INCLUDING PARTS FOR THESE PRODUCTS
19512	BARRELS, GUN, 30 MM. (OR 1.18 INCHES) AND UNDER
19110	BARRELS, GUN, OVER 30 MM. (OR OVER 1.18 INCHES)
34912	BARRELS, METAL, STEEL SHIPPING, EXCEPT BEER BARRELS
24450	BARRELS, WOOD, INCLUDING USED RECOOPERED
33128	BARS AND BAR SHAPES, STEEL, COLD-FINISHED, MADE IN STEEL MILLS
33168	BARS AND BAR SHAPES, STEEL, COLD-FINISHED, NOT MADE IN STEEL MILLS
33124	BARS AND BAR SHAPES, STEEL, HOT ROLLED
33167	BARS AND SHAPES, STEEL, COLD ROLLED, NOT MADE IN STEEL MILL
25112	BARS (FURNITURE), WOODEN, PAINTED OR FINISHED
34493	BARS, REINFORCING, FOR CONCRETE, FABRICATED
28163	BARYTES PIGMENT
32813	BASALT, CUT
23292	BASEBALL UNIFORMS, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
39493	BASEBALLS AND BATS, MITTS, GLOVES
24430	BASKETS, CONTINUOUS OR SHORT STAVE, MADE OF VENEER AND PLYWOOD
30794	BASKETS, PLASTICS-PACKAGING AND SHIPPING CONTAINERS
24995	BASKETS, REED, RATTAN, WILLOW
24430	BASKETS, VENEER AND PLYWOOD, LUMBER
22532	BASQUE SHIRTS, MADE FROM YARN OR FABRICS KNIT IN THE SAME ESTABLISHMENT
25190	BASSINETS, REED OR RATTAN
35316	BATCHING PLANTS, BIN AND BATCH (FOR CONCRETE AGGREGATE ONLY AND BULK CEMENT)
34320	BATH AND SHOWER FITTINGS, BRASS GOODS
28445	BATH SALTS, BATH OIL, BUBBLE BATH
30698	BATHING AND SHOWER CAPS, RUBBER
23850	BATHING CAPS, EXCEPT ALL RUBBER
22533	BATHING SUITS, KNIT, MADE FROM YARN OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23393	BATHING SUITS, WOMEN'S, MISSES'', AND JUNIORS'', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22720	BATHMATS, TUFTED, AND BATHMAT SETS (NOT TERRY WOVEN)
23690	BATHROBES, TUFTED, GIRLS'', CHILDREN'S, AND INFANTS'', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
32610	BATHROOM ACCESSORIES, VITREOUS CHINA AND EARTHENWARE
25116	BATHS, BABY, WOODEN, PAINTED OR FINISHED
34310	BATHTUBS, ENAMELED IRON
32610	BATHTUBS, VITREOUS CHINA AND GLAZED EARTHENWARE
26612	BATS AND BLANKETS, FLEXIBLE WOOD FIBER, FOR CONSTRUCTION
36920	BATTERIES, PRIMARY, (DRY AND WET), INCLUDING PARTS AND SUPPLIES
36920	BATTERIES, PRIMARY, FOR FLASHLIGHTS, LANTERNS, HEARING AIDS, PHOTOFLASH AND RADIOS, ETC., INCLUDING PARTS AND SUPPLIES
36912	BATTERIES, STORAGE, EXCEPT S.L.I. TYPE, AND PARTS FOR ALL TYPES
36912	BATTERIES, STORAGE, OTHER THAN S.L.I., MOTIVE POWER TYPE, FOR LIGHTING, COMMUNICATION AND RAILWAY USE
36911	BATTERIES, STORAGE, S.L.I. (STARTING, LIGHTING, IGNITION) TYPE - (EXCLUDE PARTS)
30695	BATTERY BOXES, JARS AND PARTS, HARD RUBBER

Code	Product
36292	BATTERY CHARGERS AND ELIMINATORS, SEMICONDUCTOR, FOR AUTOMOTIVE, INDUSTRIAL AND RAILROAD
36942	BATTERY CHARGING GENERATORS FOR INTERNAL COMBUSTION ENGINES
26495	BATTERY SEPARATORS, PAPER
24995	BATTERY SEPARATORS, WOODEN
22930	BATTING, COTTON LINTER, RAW AND WASTE
22930	BATTING, WADDING AND MATTRESS FELTS - MADE FROM COTTON LINTERS, WASTE, AND RAW COTTON AND OTHER FIBERS INCLUDING MANMADE
37312	BATTLESHIPS, U.S. MILITARY, NEW CONSTRUCTION
19293	BAZOOKA ROCKETS
19990	BAZOOKAS (ROCKET PROJECTORS) AND PARTS
31417	BEACH AND SHOWER SLIPPERS, EXCEPT RUBBER
25143	BEACH FURNITURE, METAL
25117	BEACH FURNITURE, WOOD
23690	BEACH ROBES, TUFTED, GIRLS', CHILDREN'S AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
20324	BEAN SPROUTS, CANNED
20332	BEANS, BLUE LAKE, CANNED
20332	BEANS, CANNED, EXCEPT DRY
20323	BEANS, DRY, CANNED (INCLUDING BAKED, WITH OR WITHOUT PORK, SAUCE, CHILI CON CARNE, ETC.)
20332	BEANS, FRESH LIMA, CANNED
20332	BEANS, GREEN AND WAX, CANNED
33620	BEARINGS AND BUSHINGS, NONMACHINED, COPPER-BASE ALLOY
35621	BEARINGS, BALL
35629	BEARINGS, BALL AND ROLLER-PARTS AND COMPONENTS ONLY
35624	BEARINGS, MOUNTED BALL OR ROLLER
35661	BEARINGS, MOUNTED, PLAIN, EXCEPT AUTO AND AIRCRAFT
35661	BEARINGS, PLAIN EXCEPT AUTO AND AIRCRAFT
35663	BEARINGS, RAILROAD CAR JOURNALS
35622	BEARINGS, ROLLER
37141	BEARINGS, VEHICLE
35540	BEATERS AND JORDANS, PAPER MILL STOCK PREPARATION MACHINERY
39999	BEAUTY SHOP EQUIPMENT AND FURNITURE AND ACCESSORIES
36343	BED COVERINGS, ELECTRIC, HOUSEHOLD (EXCLUDING PARTS AND ATTACHMENTS FOR SUCH ITEMS)
23920	BED PILLOWS AND FANCY PILLOWS AND CUSHIONS, INCLUDING FOAM RUBBER, FROM PURCHASED FABRICS
22112	BED SHEETINGS, MUSLIN, 42-INCH AND WIDER (GRAY GOODS)
23926	BED SETS AND BED SPREADS, COTTON, MADE FROM PURCHASED FABRIC
22110	BED SETS AND BED SPREADS, COTTON, MADE IN BROADWOVEN FABRIC MILL
22114	BED TICKING, GRAY GOODS, MADE IN COTTON BROADWOVEN FABRIC MILLS
22114	BEDFORD CORDS, COTTON, COLORED YARN FABRICS (GRAY GOODS)
23413	BEDJACKETS, WOMEN'S AND CHILDREN'S, MADE OF WOVEN OR PURCHASED KNIT FABRIC
25155	BEDS-''CHAIR BEDS''
25116	BEDS, CHILDREN'S, WOOD, PAINTED OR FINISHED
25990	BEDS, HOSPITAL
25144	BEDS, METAL HOUSEHOLD
25115	BEDS, WOOD, PAINTED AND FINISHED, EXCEPT CHILDREN'S AND YOUTHS'
25117	BEDS, WOOD, UNPAINTED
25116	BEDS, YOUTH, WOOD, PAINTED OR FINISHED
22115	BEDSHEETINGS, FINE COTTON, COMBED (GRAY GOODS)
22116	BEDSPREAD FABRICS, INCLUDING JACQUARD-COTTON (GRAY GOODS)
22110	BEDSPREADS AND BED SETS, COTTON OR CHIEFLY COTTON, MADE IN BROADWOVEN FABRIC MILLS
22110	BEDSPREADS AND BED SETS JACQUARD-WOVEN, CHIEFLY OR WHOLLY COTTON, MADE IN BROADWOVEN FABRIC MILLS
23926	BEDSPREADS AND BED SETS, MADE FROM PURCHASED FABRIC
22219	BEDSPREADS AND BED SETS, OF MANMADE FIBER FABRICS AND SILK: MADE IN BROADWOVEN FABRIC MILLS
25153	BEDSPRINGS, INCLUDING BOX, COIL, FLAT, HOSPITAL, ETC.
20111	BEEF, BONELESS, INCLUDING HAMBURGER MADE IN SLAUGHTERING PLANTS
20111	BEEF, CORNED, NOT CANNED OR MADE INTO SAUSAGE
20111	BEEF, FRESH OR FROZEN, PRODUCED IN MEATPACKING ESTABLISHMENTS
20111	BEEF, GROUND, NOT CANNED OR MADE INTO SAUSAGE
20111	BEEF, NOT CANNED OR MADE INTO SAUSAGE
20111	BEEF, WHOLE CARCASS
34913	BEER BARRELS, METAL, AND PARTS
20820	BEER-CANS OR BOTTLES, CASE GOODS OR BARRELS AND KEGS
35857	BEER DISPENSING EQUIPMENT, REFRIGERATED
28424	BEESWAX, PROCESSED
35225	BEET HARVESTERS
20630	BEET SIRUP, EDIBLE
20630	BEET SUGAR MOLASSES
20630	BEET (SUGAR) PULP, WET, DRY, OR MOLASSES
20630	BEET SUGAR, REFINED, INCLUDING LIQUID AND GRANULATED
20332	BEETS, CANNED
35992	BELLOWS, METAL
39314	BELLS-MUSICAL INSTRUMENTS
31111	BELT, LEATHER, WAIST, FINISHED CATTLE
30691	BELTING AND BELTS, ''V'' OR FLAT, TRANSMISSION, RUBBER
31111	BELTING AND MECHANICAL LEATHER
31210	BELTING AND PACKING, LEATHER, INDUSTRIAL
22414	BELTING, PERSONAL WEAR, BRAIDED
22411	BELTING, PERSONAL WEAR, WOVEN
22411	BELTING, WOVEN, TRANSMISSION AND CONVEYOR
30691	BELTS AND BELTING, RUBBER
23890	BELTS, GARTER
23871	BELTS, APPAREL: LEATHER
23872	BELTS, APPAREL: OTHER THAN LEATHER
30691	BELTS, RUBBER, CONVEYOR AND ELEVATOR
25143	BENCHES, METAL OUTDOORS
25311	BENCHES, SCHOOL (NOT STONE OR CONCRETE)
25121	BENCHES, UPHOLSTERED WOOD
25115	BENCHES, WOOD, PAINTED OR FINISHED, FOR BEDROOMS, EXCEPT UPHOLSTERED
25112	BENCHES, WOOD, PAINTED OR FINISHED, FOR LIVING ROOM, LIBRARY, SUNROOM, AND HALL, EXCEPT UPHOLSTERED
25117	BENCHES, WOODEN, OUTDOOR FURNITURE
26318	BENDER'S BOARD, WET MACHINE BOARD
35421	BENDING AND FORMING MACHINES, METAL WORKING USE
26315	BENDING PAPERBOARD, COMBINATION FURNISH, INCLUDING BENDING CHIP, KRAFT-LINED, WHITE-LINED AND CLAY COATED
22216	BENGALINES, COMBINATION FILAMENT-SPUN RAYON, AND/OR ACETATE FABRICS (GRAY GOODS)
23393	BERMUDA AND JAMAICA SHORTS, WOMEN'S, MISSES', AND JUNIORS' FROM PURCHASED FABRIC
24430	BERRY CUPS AND TILLS, VENEER AND PLYWOOD
27516	BEVERAGE (AND FOOD) CHECKS PRINTED BY LETTERPRESS
20872	BEVERAGE BASES, FLAVORING LIQUID (EXCEPT SIRUPS AND CONCENTRATED FRUIT JUICES)
35811	BEVERAGE COIN-OPERATED VENDING MACHINES
35853	BEVERAGE-COOLING AND DISPENSING EQUIPMENT (EXCEPT COIN-OPERATED), MECHANICAL, DRY OR WET TYPE
28790	BENZENE HEXACHLORIDE PREPARATIONS FOR AGRICULTURE
28181	BENZOYL PEROXIDE RESINATES, CYCLIC
26541	BEVERAGE CARTONS
32316	BEVERAGE MAKERS, GLASS, FROM PURCHASED GLASS
20860	BEVERAGES, CARBONATED, DIETETIC OR NONDIETETIC, BOTTLED AND CANNED
20820	BEVERAGES, CEREAL-MALT LIQUORS
20820	BEVERAGES, MALT
23963	BIAS BINDING, FOR APPAREL AND NOTION TRADE
27314	BIBLES
23690	BIBS, MADE FROM WOVEN OR PURCHASED KNIT FABRICS
26472	BIBS: PAPER
23850	BIBS, PLASTIC AND RUBBERIZED (NOT ALL RUBBER)
22533	BIBS, KNIT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
30113	BICYCLE CASINGS AND SINGLE TUBE TIRES
37510	BICYCLES, MOTORCYCLES, MOTORBIKES, SCOOTERS, AND PARTS
28332	BILE AND BILE DERIVATIVES, FROM ANIMALS, BULK
33528	BILLET, ALUMINUM EXTRUSION, PRODUCED IN ROLLING MILLS
33418	BILLET, ALUMINUM EXTRUSION, SECONDARY SMELTING
33348	BILLETS, ALUMINUM EXTRUDED IN PRIMARY REDUCTION PLANT
31720	BILLFOLDS, LEATHER OR PLASTIC
39493	BILLIARD AND POOL TABLES
35720	BILLING MACHINES, WITHOUT ACCOUNTING REGISTERS (INCLUDING ATTACHMENTS AND PARTS)
22981	BINDER TWINE, HARD FIBER TWINE
26451	BINDERS, EXCEPT LOOSELEAF
27822	BINDERS: LOOSELEAF
23963	BINDING, BIAS, FOR THE APPAREL AND NOTION TRADE
22411	BINDING TAPE, WOVEN
38311	BINOCULARS
24317	BINS, WOODEN, TO BE BUILT IN PER CUSTOM SPECIFICATIONS
34443	BINS AND VATS, SHEET METAL
28315	BIOLOGICAL PRODUCTS FOR VETERINARY USE
28152	BIOLOGICAL STAINS
20424	BIRD SEED
26412	BISCUIT AND CRACKER INNER WRAPS, WAXED AND WAXED-LAMINATED PAPER
20455	BISCUIT DOUGH, REFRIGERATED, MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT
20415	BISCUIT DOUGH, REFRIGERATED--MADE FROM PREPARED MIXES--MADE IN FLOUR MILLS
20455	BISCUIT DRY MIXES (MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT)
20415	BISCUIT DRY MIXES (MADE IN FLOUR MILLS)
20521	BISCUITS
28199	BISMUTH COMPOUND
35331	BITS, ROTARY DRILLING EQUIPMENT, FOR OILFIELDS AND GASFIELDS
20874	BITTERS, ANGOSTURA
20874	BITTERS (FLAVORING CONCENTRATES)
35316	BITUMINOUS ASPHALT PLANT AND DISTRIBUTORS, FINISHERS, PAVERS, HEATERS, MIXERS
29510	BITUMINOUS CONCRETE
26461	BITUMINOUS FIBRE PIPE
28921	BLACK BLASTING POWDER, INDUSTRIAL
33123	BLACK PLATE, CARBON STEEL, TIN MILL PRODUCTS
29510	BLACK TOP PLANT MIX
20610	BLACKSTRAP MOLASSES (EXCEPT REFINERS' BLACKSTRAP)
20620	BLACKSTRAP, REFINERS' CANE
37295	BLADES FOR AIRCRAFT PROPELLER
34212	BLADES, RAZOR, EXCEPT ELECTRIC
34250	BLADES, SAWS
28163	BLANC FIXE, BARIUM SULFATE PRECIPITATED
27821	BLANKBOOK MANUFACTURING
23291	BLANKET-LINED JACKETS, MEN'S AND BOYS'
22114	BLANKET SHEETS, ELECTRIC, COTTON (GRAY GOODS)
22211	BLANKET SHELLS, ELECTRIC, 100 PERCENT FILAMENT RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
22114	BLANKETING, COTTON (GRAY GOODS)
22217	BLANKETING, EXCEPT THERMAL, WHOLLY OR CHIEFLY SPUN ACRYLIC AND MODACRYLIC, 100% SPUN YARN, GRAY GOODS
22211	BLANKETING FABRICS, 100% FILAMENT RAYON AND/OR ACETATE (GRAY GOODS), MADE IN BROADWOVEN FABRIC MILLS
22314	BLANKETING, FINISHED WOOL FABRIC
22212	BLANKETING NYLON (GRAY GOODS), 100% FILAMENT
22219	BLANKETS, BED AND CAMP, OF MANMADE FIBER FABRICS AND SILK: MADE IN BROADWOVEN FABRIC MILLS
22110	BLANKETS, BED, INCLUDING BABY BLANKETS AND CAMP, COTTON AND CHIEFLY COTTON, MADE IN BROADWOVEN FABRIC MILL
22319	BLANKETS, WOOL AND CHIEFLY WOOL FINISHED, CRIB AND REGULAR SIZE FOR BED, CAMP AND MOTOR ROBES
24262	BLANKS FOR TEXTILE MACHINERY PARTS, HARDWOOD, A DIMENSION MILL PRODUCT
35592	BLAST CLEANING EQUIPMENT, FOUNDRY MACHINERY
33121	BLAST FURNACE PRODUCTS
28921	BLASTING ACCESSORIES, INDUSTRIAL
28922	BLASTING ACCESSORIES PRODUCED IN GOVERNMENT-OWNED, CONTRACTOR-OPERATED PLANTS
28921	BLASTING FUSES (SAFETY), IGNITERS, SQUIBS AND BLACK POWDER
26312	BLEACHED PAPERBOARD, SPECIAL FOOD BOARD, SOLID WOODPULP FURNISH
26112	BLEACHED SULFITE AND SULFATE WOODPULP
25312	BLEACHER SEATS, PUBLIC BUILDING
22619	BLEACHING AND WHITE FINISHING OF COTTON BROADWOVEN FABRICS ON A COMMISSION (CONTRACT, ETC.) BASIS
22617	BLEACHING AND WHITE FINISHING OF COTTON BROADWOVEN PURCHASED FABRICS
22117	BLEACHING AND WHITE FINISHING OF COTTON MADE IN BROADWOVEN FABRIC MILL
22629	BLEACHING AND WHITE FINISHING OF MANMADE FIBER AND SILK, BROADWOVEN FABRIC ON A COMMISSION (CONTRACT, ETC.) BASIS
22628	BLEACHING AND WHITE FINISHING OF MANMADE FIBER AND SILK BROADWOVEN PURCHASED FABRIC

Code	Product
22218	BLEACHING AND WHITE FINISHING OF MANMADE FABRIC AND SILK IN BROADWOVEN FABRIC MILLS
28192	BLEACHING COMPOUNDS, INORGANIC
35521	BLEACHING, DYEING AND FINISHING MACHINERY, TEXTILE
28192	BLEACHING POWDER (CHLORIDE OF LIME)
20853	BLENDS, WHISKEY, BOTTLED
25912	BLINDS, VENETIAN, VERTICAL AND HORIZONTAL
24318	BLINDS, WOOD, EXTERIOR
30794	BLISTER AND BUBBLE FORMED PACKAGING, PLASTICS
32710	BLOCK, CONCRETE, AGGREGATE (CINDER, SHALES, SLAG, SLATE, ETC.)
24261	BLOCK, HARDWOOD FLOORING
32933	BLOCK INSULATION, CONTAINING ASBESTOS AND MAGNESIA, ETC.
32962	BLOCKS AND BOARDS, MINERAL WOOL INSULATION
24994	BLOCKS, CORK
32316	BLOCKS, GLASS, FROM PURCHASED GLASS
26552	BLOCKS, PAPERBOARD
28311	BLOOD, AND DERIVATIVES, FOR HUMAN USE
20942	BLOOD, DRIED-FERTILIZER
23412	BLOOMERS, WOMEN'S AND CHILDREN'S, MADE FROM WOVEN OR PURCHASED KNIT FABRICS
33122	BLOOMS, BILLETS, SLABS AND SHEET BARS, STEEL ALLOY, SEMIFINISHED SHAPES AND FORMS, CARBON, ALLOY, STAINLESS STEEL
23619	BLOUSES AND BLOUSETTES, GIRLS', CHILDREN'S AND INFANTS' (CONTRACT RECEIPTS)
23317	BLOUSES AND BLOUSETTES, WOMEN'S, MISSES', AND JUNIORS', WOVEN FABRIC
22532	BLOUSES, KNIT, CHILDREN'S MADE FROM YARN OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23610	BLOUSES, SIZE 1 TO 16, GIRLS, AND CHILDREN'S
23319	BLOUSES, WOMEN'S, MISSES', AND JUNIORS' (COMMISSION AND CONTRACT RECEIPTS)
23610	BLOUSETTES, GIRLS' AND CHILDREN'S
35222	BLOWERS, AND ELEVATORS, FARM MACHINERY, AND ATTACHMENTS
35641	BLOWERS AND FANS, INDUSTRIAL
35228	BLOWERS, FARM, INCLUDING ATTACHMENTS
32294	BLOWN AND PRESSED GLASSWARE, INCLUDING TECHNICAL AND SCIENTIFIC GLASSWARE, GLASS BLOCKS, AND LENS BLANKS
35331	BLOW-OUT PREVENTERS-WELL CONTROL EQUIPMENT FOR OILFIELDS AND GASFIELDS
38614	BLUEPRINTING, BROWNPRINTING AND VANDYKE EQUIPMENT
28993	BLUING
24996	BOARD, BUILDING, HARD PRESSED WOOD FIBER
26611	BOARD, BUILDING, INSULATING
24996	BOARD, HARD PRESSED FIBER
24993	BOARD, PARTICLE, INCLUDING MACHINE WOODBOARD FROM WOOD RESIDUE
26318	BOARD, WET MACHINE
24995	BOARDS, FOR BULLETINS, NOTICES, ETC., WOODEN
19410	BOARDS AND PLOTTING, SPOTTING, AND GUN FIRE ADJUSTMENT (SIGHTING AND FIRE CONTROL EQUIPMENT)
37324	BOAT REPAIR, ALL TYPES, MILITARY AND NONMILITARY
37992	BOAT TRAILERS
37321	BOATS, INBOARD MOTOR, ALL TYPES
37322	BOATS, OUTBOARD MOTOR, INCLUDING PREFABRICATED KITS
30695	BOATS, PONTOONS, LIFE RAFTS, OF RUBBER
22920	BOBBINETS, LACE NET
26552	BOBBINS, PAPERBOARD
35522	BOBBINS, SHUTTLES, SPOOLS AND PICKER STICKS, PARTS AND ATTACHMENTS FOR TEXTILE MACHINERY
24262	BODY PART STOCK, VEHICLE, HARDWOOD, A DIMENSION MILL PRODUCT
19110	BOFORS GUNS
34331	BOILER-BURNER UNITS, OIL, SOLD SEPARATELY EXCEPT PARTS
34443	BOILER JACKETS, SHEET METAL
34333	BOILERS, CAST IRON, HEATING, EXCEPT PARTS
34335	BOILERS, STEEL, HEATING
34433	BOILERS, STEEL POWER, AND PARTS, ATTACHMENTS, OVER 15 P.S.I.
20117	BOLOGNA, NOT CANNED, MADE IN MEATPACKING PLANT
20137	BOLOGNA, NOT CANNED, NOT MADE IN MEATPACKING PLANT
34521	BOLTS AND NUTS
24110	BOLTS, PULPWOOD, MADE IN LOGGING CAMP
19293	BOMBS AND PARTS
38312	BOMB SIGHTS, MADE IN OPTICAL PLANTS
19410	BOMB SIGHTS, NOT MADE IN OPTICAL PLANTS
26216	BOND AND WRITING PAPER
22991	BONDED FIBER FABRICS, NONWOVEN, TEXTILE
28163	BONE BLACK PIGMENT
32620	BONE CHINA
20942	BONE MEAL FOR FEED OR FERTILIZER
20110	BONES (PRODUCT OF SLAUGHTERING OPERATIONS)
23951	BONNAZ EMBROIDERIES (EXCEPT SCHIFFLI-MACHINE)
23850	BONNETS, RAIN, PLASTIC
39410	BOOKS, CHILDREN'S, COLORING AND PICTURE-WORD BOOKS
27322	BOOK AND PAMPHLET PRINTING AND BOOK BINDING, EXCEPT LITHOGRAPHIC (INCLUDING GRAVURE AND LETTERPRESS)
27321	BOOK AND PAMPHLET PRINTING AND BOOK BINDING, LITHOGRAPHIC PROCESS
26214	BOOK PAPER, BODY STOCK FOR COATING
26214	BOOK PAPER FOR PRINTING AND PUBLISHING, UNCOATED
26214	BOOK PAPER, UNCOATED
27322	BOOK PRINTING, EXCEPT LITHOGRAPHIC (INCLUDING GRAVURE AND LETTERPRESS)
27321	BOOK PRINTING, LITHOGRAPHIC PROCESS
27891	BOOKBINDING, EDITION, LIBRARY AND OTHER HARD COVERS FOR PUBLICATION BY OTHERS
27321	BOOKBINDING AND LITHOGRAPHIC PRINTING
27322	BOOKBINDING, EXCEPT LITHOGRAPHIC
35552	BOOKBINDING MACHINERY AND EQUIPMENT
25224	BOOKCASES, METAL OFFICE FURNITURE
25210	BOOKCASES, WOOD OFFICE FURNITURE
25112	BOOKCASES, WOOD, PAINTED OR FINISHED
25117	BOOKCASES, WOOD, UNPAINTED
22953	BOOKCLOTH, STARCH FILLED
32690	BOOKENDS, POTTERY
24995	BOOKENDS, WOODEN
35741	BOOKKEEPING MACHINES (INCLUDING BILLING MACHINES WITH ACCOUNTING REGISTERS)
25112	BOOKSHELVES, WOOD, PAINTED OR FINISHED
25420	BOOKSTACKS (LIBRARY, OFFICE AND SCHOOL) METAL SHELVING
27821	BOOKS, ACCOUNT, OTHER THAN SALESBOOKS, BLANKBOOK MAKING
27315	BOOKS, BOOK CLUB BOOKS
27315	BOOKS, JUVENILE, EXCEPT TOY BOOKS
27313	BOOKS, LAW, MEDICAL, INCLUDING DENTAL, NURSING
27322	BOOKS, PRINTING AND BINDING, EXCEPT LITHOGRAPHIC, HARDBOUND OR PAPERBOUND
27321	BOOKS PRINTED AND BOUND, LITHOGRAPHIC PROCESS, HARDBOUND OR PAPERBOUND
27314	BOOKS, RELIGIOUS
27613	BOOKS, SALES, PRINTED INDIVIDUAL ORDERS, OR STOCK, EXCLUDING IMPRINTING, FOR BUSINESS
27892	BOOKS, SOFT COVER BINDING
27312	BOOKS, SUBSCRIPTION, REFERENCE, HARDBOUND
27313	BOOKS, TECHNICAL, SCIENTIFIC, PROFESSIONAL
27311	BOOKS, TEXT, PRINTING AND PUBLISHING
27315	BOOKS, TRADE
19252	BOOSTER STAGES COMPLETE SPACE VEHICLES, EXCEPT ENGINES
36123	BOOSTERS, ELECTRICAL TRANSFORMERS
19291	BOOSTERS, FOR ARTILLERY AMMUNITION OVER 30 MM. (OR OVER 1.18 INCHES)
31310	BOOT AND SHOE CUT STOCK AND FINDINGS
22414	BOOT AND SHOE LACES, NOT LEATHER, BRAIDED NARROW FABRIC
24995	BOOT STRETCHERS, WOODEN
25990	BOOTHS, RESTAURANT
25410	BOOTHS, TELEPHONE, WOOD
23690	BOOTIES, GIRLS' AND INFANTS', MADE FROM PURCHASED KNIT FABRIC (SIZES 0 TO 3)
22533	BOOTIES, KNIT FABRIC, INFANTS', MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
30210	BOOTS, WATERPROOF
28197	BORAX, SODIUM BORATE
35411	BORING MACHINES, METAL-CUTTING TYPE
28163	BARIUM SULFATE PIGMENT
28332	BOTANICAL DERIVATIVES, IN BULK
28332	BOTANICAL DRUGS, IN BULK
28790	BOTANICAL PREPARATIONS AND/OR CONCENTRATES FOR AGRICULTURAL USE
26451	BOTTLE CAPS, PAPERBOARD, DIE-CUT
35595	BOTTLE-FORMING MACHINES
35511	BOTTLE WASHERS AND STERILIZERS, DAIRY
35513	BOTTLE WASHERS AND STERILIZERS, FOR INDUSTRIAL FOOD PRODUCTS
20860	BOTTLED AND CANNED SOFT DRINKS, DIETETIC OR NONDIETETIC
20853	BOTTLED LIQUORS
30798	BOTTLES, NURSING, PLASTICS (INCLUDING NIPPLES AND PACIFIERS)
30794	BOTTLES, PLASTICS
34293	BOTTLES, VACUUM AND INSULATED
35511	BOTTLING MACHINERY FOR DAIRIES
35513	BOTTLING MACHINERY FOR FOODS (EXCEPT DAIRIES), LIQUORS, BEER, WINE, AND BEVERAGES
20851	BOURBON (RAW), DISTILLED
39493	BOWLING ALLEYS AND PLAYING SUPPLIES
24995	BOWLS, WOODEN
35540	BOX, CARTON AND SHIPPING CONTAINER MAKING MACHINES (PAPER)
35531	BOX AND CRATE MAKING MACHINERY, WOOD
24412	BOX SHOOK, FOR INDUSTRIAL USE, MADE OF LUMBER, VENEER, AND PLYWOOD
24412	BOX SHOOK: FRUIT, VEGETABLE, ETC., MADE FROM LUMBER, VENEER, AND PLYWOOD
31310	BOX TOES FOR SHOES
26491	BOXED STATIONERY AND PORTFOLIOS, PAPER
30794	BOXES AND CASES, PLASTICS
34990	BOXES AND CHESTS FOR AMMUNITION, METAL
26530	BOXES, CORRUGATED AND SOLID FIBER
26510	BOXES, FOLDING, PAPERBOARD, EXCEPT ICE CREAM, BUTTER, MARGARINE
34990	BOXES FOR PACKING AND SHIPPING, STEEL
36443	BOXES, METAL AND NONMETAL, ELECTRIC
26520	BOXES, PAPERBOARD SETUP, FOR TEXTILES, DEPARTMENT STORES, CONFECTIONS, COSMETICS, ETC.
30798	BOXES, PLASTICS (GLOVE BOXES, LINGERIE AND SWEATER BOXES, ETC.)
26520	BOXES, SETUP, PAPERBOARD
26552	BOXES, VULCANIZED FIBER
24420	BOXES, WIREBOUND, MADE FROM LUMBER, VENEER, AND PLYWOOD
24420	BOXES, WIREBOUND, WOOD, FOR FRUIT AND VEGETABLES, MEAT AND POULTRY (NOT CANNED)
24411	BOXES, WOODEN, NAILED AND LOCK-CORNER, INCLUDING COMBINATION WOOD AND FIBER
39493	BOXING EQUIPMENT
31413	BOYS' AND YOUTHS' SHOES
22523	BOYS' FINISHED SEAMLESS HOSIERY, SLACK AND KNEE-LENGTH SOCKS, ATHLETIC AND CREW SOCKS
22524	BOYS' HOSIERY, ALL TYPES, SHIPPED IN THE GREIGE
39111	BRACELETS AND ANKLETS OF PLATINUM AND CARAT GOLD
39112	BRACELETS AND ANKLETS OF PRECIOUS METALS, EXCEPT PLATINUM AND CARAT GOLD
38421	BRACES, ORTHOPEDIC AND ELASTIC APPLIANCES
24317	BRACKETS, WOOD, CABINETS AND SHELF
24318	BRACKETS, WOOD, STAIR
33992	BRADS, NONFERROUS, PRIMARY
23963	BRAID AND OTHER MILLINERY TRIMMINGS
22414	BRAID, ELECTRIC INSULATING, AND RICKRACK, NARROW FABRIC MILL PRODUCT
22790	BRAIDED CARPETS AND RUGS
22983	BRAIDED CORD, COTTON
22414	BRAIDED NARROW FABRICS, INCLUDING ELASTIC
22690	BRAIDED, WOVEN, ETC. NARROW FABRICS, FINISHED, EXCEPT KNIT AND WOOL (FABRIC BRAIDED, WOVEN, ETC. ELSEWHERE)
35521	BRAIDING MACHINERY, TEXTILE
37141	BRAKE CYLINDERS, MOTOR VEHICLE
32922	BRAKE LININGS, ASBESTOS
35484	BRAKE TESTING AND LINING APPLIERS, AUTOMOTIVE
20440	BRAN, RICE
20412	BRAN, WHEAT
20840	BRANDY AND BRANDY SPIRITS
20840	BRANDY AND SPIRITS REMOVED FROM RECEIVING TANKS
23421	BRASSIERES, BRA-LETTES
36312	BRAZIERS (OUTDOOR COOKING)
20511	BREAD, ALL KINDS OF LEAVENED, INCLUDING WHITE, WHOLE WHEAT, RYE, RAISIN, ETC.
20415	BREAD AND BREAD-TYPE ROLL DOUGH, REFRIGERATED, INCLUDING DINNER, SWEET, DANISH, MADE IN FLOUR MILLS
20455	BREAD AND BREAD-TYPE ROLL DOUGH, REFRIGERATED, MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT
20415	BREAD AND BREAD-TYPE ROLL-DRY, MIXED, MADE IN FLOUR MILLS
20455	BREAD AND BREAD-TYPE ROLLS, DRY MIXES MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT

Code	Product
20511	BREAD STUFFING AND BREAD CRUMBS
26412	BREAD WRAPS, PAPER, WAXED, PRINTED OR UNPRINTED
36946	BREAKER POINT SETS, ENGINE ELECTRICAL EQUIPMENT
25141	BREAKFAST CHAIRS AND TABLES, METAL
23840	BREAKFAST COATS, WOMEN'S, MISSES'', AND JUNIORS'
20430	BREAKFAST FOODS (CEREALS), READY TO SERVE AND TO BE COOKED
20117	BREAKFAST SAUSAGE LINKS, NOR CANNED, MADE IN MEATPACKING PLANT
20137	BREAKFAST SAUSAGE LINKS, NOT CANNED, NOT MADE IN MEAT-PACKING PLANT
25113	BREAKFAST SETS (FURNITURE), WOOD, PAINTED OR FINISHED
25112	BREAKFRONTS, WOOD FURNITURE, PAINTED OR FINISHED
20820	BREWERS' SPENT GRAINS, DRY OR WET
32592	BRICK, ADOBE
32550	BRICK AND SHAPES, CLAY REFRACTORIES
32511	BRICK, BUILDING OR COMMON AND FACE
32710	BRICK, CONCRETE
32511	BRICK, EXCEPT CERAMIC GLAZED AND REFRACTORY BRICK
32512	BRICK, GLAZED AND STRUCTURAL HOLLOW TILE
32511	BRICK, PAVING, FLOOR AND SEWER
32970	BRICK, REFRACTORY, BAUXITE, CARBON, ETC., NONCLAY
32990	BRICK, SAND-LIME
35595	BRICK, TILE AND CERAMIC MACHINERY, CLAYWORKING
32723	BRIDGE BEAMS, PRESTRESSED CONCRETE
35690	BRIDGE OPERATING MACHINERY
34412	BRIDGES, HIGHWAY AND RAILWAY, FABRICATED STRUCTURAL METAL
24331	BRIDGES' WOOD STRUCTURAL ELEMENTS
31610	BRIEFCASES, ALL MATERIALS
27514	BRIEFS, FINANCIAL AND LEGAL LETTERPRESS, PRINTED
22541	BRIEFS, KNIT UNDERWEAR, MEN'S AND BOYS', MADE FROM YARNS OR FABRIC KNIT IN THE SAME ESTABLISHMENT
23221	BRIEFS, MEN'S AND BOYS'', MADE OF WOVEN OR PURCHASED KNIT FABRIC
22542	BRIEFS, STEPINS AND PETTIPANTS (WOMEN'S), KNIT IN THE SAME ESTABLISHMENT
28424	BRIGHTENERS, METAL
26215	BRISTOLS, FINE PAPER, (EXCEPT COTTON FIBER INDEX AND BOGUS)
35451	BROACHES, HIGH SPEED STEEL OR CARBIDE TIPPED, SMALL CUTTING TOOLS
39111	BROACHES, PINS, CLIPS, EARRINGS, OF PLATINUM AND CARAT GOLD
39112	BROACHES, PINS, CLIPS, EARRINGS OF PRECIOUS METAL, EXCEPT PLATINUM AND CARAT GOLD
35418	BROACHING MACHINES (METAL-CUTTING)
36622	BROADCAST EQUIPMENT FOR A.M., F.M., T.V.
36112	BROADCAST TRANSMITTER TEST EQUIPMENT
22113	BROADCLOTHS, CARDED, COTTON (GRAY GOODS)
22115	BROADCLOTHS, FINE COTTON, COMBED AND PART COMBED (GRAY GOODS)
27515	BROCHURES, LETTERPRESS PRINTED
27518	BROCHURES, PRINTED BY GRAVURE
27525	BROCHURES, PRINTED BY LITHOGRAPHIC PROCESS
27519	BROCHURES, SCREEN PROCESS PRINTING
36343	BROILERS, ELECTRIC, TABLE, HOUSEHOLD (EXCLUDING PARTS AND ATTACHMENTS FOR SUCH ITEMS)
28344	BRONCHIAL DILATORS INCLUDING ANTIASTHMATICS (FOR RELIEF OF BRONCHIAL SPASM OR CONGESTION)
35228	BROODERS, FARM POULTRY EQUIPMENT
28199	BROMINE (ISOLATED)
24317	BROOM CLOSETS, WOOD, TO BE BUILT-IN PER CUSTOM SPECIFICATIONS
39911	BROOMS
35319	BROOMS, POWER AND TRACTION DRIVEN
20630	BROWN SUGAR, BEET
20620	BROWN SUGAR, CANE
23840	BRUNCH, BREAKFAST COATS AND HOUSECOATS, WOMEN'S, MISSES', AND JUNIORS'', COTTON AND ALL OTHER FABRICS
24262	BRUSH STOCK, HARDWOOD, A DIMENSION MILL PRODUCT
36240	BRUSHES AND BRUSH-PLATES OF CARBON, GRAPHITE
36240	BRUSHES, ELECTRICAL, AUTOMOTIVE, FRACTIONAL H.P. AND INDUSTRIAL, CARBON AND GRAPHITE
39913	BRUSHES, EXCEPT PAINT
39912	BRUSHES, PAINT AND VARNISH
30698	BRUSHES, RUBBER
28445	BUBBLE BATH
34250	BUCK SAW (HAND)
24450	BUCKETS, WOODEN, SLACK AND TIGHT COOPERAGE
39642	BUCKLES, FOR WEARING APPAREL
20416	BUCKWHEAT FLOUR
25113	BUFFETS, DINING ROOM, WOODEN, PAINTED OR FINISHED
32913	BUFFING AND POLISHING WHEELS AND LAPS MADE OF CLOTH, LEATHER, AND FELT
34294	BUILDERS' HARDWARE
24996	BUILDING BOARD, HARD PRESSED WOOD FIBER
26611	BUILDING BOARD, INSULATING
32751	BUILDING MATERIALS, GYPSUM
26612	BUILDING PAPER, CONSTRUCTION
26495	BUILDING PAPERBOARD (LAMINATED, TILED)
24332	BUILDING PARTS, SECTIONS AND PANELS, WOOD, FOR PREFABRICATED AND READY-CUT BUILDINGS, NOT SOLD AS COMPLETE UNITS
33579	BUILDING WIRE AND CABLE
34492	BUILDINGS, PORTABLE, METAL AND PREFABRICATED
24332	BUILDINGS, PORTABLE TYPE, WOOD, PREFABRICATED AND ASSEMBLED IN THIS ESTABLISHMENT
24332	BUILDINGS, PREFABRICATED WOOD, ASSEMBLED IN THIS ESTABLISHMENT
24332	BUILDINGS, WOOD, PREFABRICATED, SOLD AS COMPLETE UNITS, INCLUDING THOSE SHIPPED IN SECTIONS OR PANELS
24332	BUILDINGS, WOOD, READY-CUT, INCLUDING PARTS
36410	BULBS FOR ELECTRIC LAMPS, INCLUDING SEALED BEAM LAMPS
19610	BULLET CORES, 30 MM. (OR 1.18 INCHES) AND UNDER
19610	BULLET JACKETS AND CORES FOR ARMS, 30 MM. (1.18 INCHES) AND UNDER
24995	BULLETIN BOARDS, WOODEN
25115	BUNK BEDS, WOOD, FINISHED AND PAINTED, EXCLUDING MATTRESSES AND DETACHABLE SPRINGS
22533	BUNTINGS, KNIT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23690	BUNTINGS, MADE FROM PURCHASED KNIT FABRIC
30792	BUOYS AND FLOATS, MADE OF PLASTICS
39943	BURIAL BOXES, OUTER, EXCEPT CONCRETE
39943	BURIAL GARMENTS
32722	BURIAL VAULTS AND BOXES, PRECAST CONCRETE
39943	BURIAL VAULTS, METAL, PLASTIC, GLASS, MASONITE
22992	BURLAP AND BURLAP BAGS, MADE IN TEXTILE MILLS
23930	BURLAP BAGS, MADE OF PURCHASED FABRIC
38430	BURS, DIAMOND AND ABRASIVE POINTS, WHEELS AND DISKS DENTAL EQUIPMENT
30112	BUS AND OFF-THE-ROAD PNEUMATIC TIRES
37130	BUS AND TRUCK BODIES, FOR SALE SEPARATELY
37150	BUS TRAILERS, TRACTOR TYPE
35661	BUSHINGS AND BEARINGS, PLAIN, EXCEPT AUTOMOBILE AND AIRCRAFT
27214	BUSINESS AND PROFESSIONAL PERIODICAL PUBLISHING, ADVERTISING RECEIPTS
27213	BUSINESS AND PROFESSIONAL PERIODICAL PUBLISHING, RECEIPTS FROM SUBSCRIPTIONS AND SALES
37130	BUSSES, COMPLETE VEHICLE, BODY MOUNTED ON PURCHASED CHASSIS
37141	BUSSES, EXCEPT TROLLEY BUSSES, PARTS AND ACCESSORIES ONLY
37113	BUSSES, MOTOR, CHASSIS OF OWN MANUFACTURE, EXCEPT TROLLEY BUSSES
27313	BUSINESS BOOKS
27611	BUSINESS FORMS, CONTINUOUS
27516	BUSINESS FORMS PRINTED BY LETTERPRESS, EXCLUDING BLANKBOOK AND LOOSELEAF FORMS
27526	BUSINESS FORMS, PRINTED BY LITHOGRAPHIC PROCESS
26495	BUSINESS MACHINE PAPER SUPPLIES
27215	BUSINESS NEWS PERIODICALS, RECEIPTS FROM SUBSCRIPTION AND SINGLE COPY SALES
27412	BUSINESS SERVICE PUBLICATIONS
34211	BUTCHERS' AND MEATPACKING CUTLERY
26218	BUTCHER PAPER, TREATED AND UNTREATED, EXCEPT UNBLEACHED KRAFT
26217	BUTCHER PAPER, WRAPPING, TREATED OR UNTREATED, UNBLEACHED KRAFT
35511	BUTTER AND CHEESE PROCESSING, WRAPPING, AND PACKAGING MACHINERY AND EQUIPMENT
35222	BUTTER CHURNS, (FARM SIZE)
20728	BUTTER, COCOA, MADE FROM COCOA BEANS OR NIBS GROUND IN THIS ESTABLISHMENT
20210	BUTTER, CREAMERY, CHURNED IN SAME ESTABLISHMENT
20210	BUTTER FAT, ANHYDROUS
20338	BUTTER, FRUIT
20210	BUTTER OIL
20999	BUTTER, PEANUT
20261	BUTTERMILK, FLUID BULK
20264	BUTTERMILK, FLUID, PACKAGED IN THIS PLANT
20231	BUTTERMILK, DRY
23959	BUTTON HOLING FOR THE TRADE (CONTRACT RECEIPTS)
39630	BUTTONS AND PARTS (EXCEPT PRECIOUS AND SEMIPRECIOUS METALS AND PRECIOUS OR SEMIPRECIOUS STONES)
28182	BUTYL ACETATE, ACYCLIC
37321	CABIN CRUISERS, INBOARD POWERED BOATS
37322	CABIN CRUISERS, OUTBOARD POWERED BOATS
24315	CABINET DOORS, WOOD
34294	CABINET HARDWARE, INCLUDING CABINET HINGES
25410	CABINET TOPS, PLASTIC LAMINATED WOOD
25223	CABINETS AND CASES, METAL, OFFICE
24317	CABINETS, BASE UNITS, WOOD, BUILT PER CUSTOM SPECIFICATIONS
24317	CABINETS, KITCHEN, WOOD, TO BE BUILT-IN PER CUSTOM SPECIFICATIONS
25420	CABINETS, METAL, FLOOR AND WALL TYPE
25144	CABINETS, METAL, FOR RADIO, PHONOGRAPH, TV, HI-FI
25142	CABINETS, METAL, KITCHEN
25144	CABINETS, METAL, MEDICINE, WALL
25190	CABINETS, PLASTIC, FOR RADIO, PHONOGRAPH, TV, HI-FI
35853	CABINETS, REFRIGERATOR, COMMERCIAL, MECHANICAL
36321	CABINETS, REFRIGERATOR (WOOD OR METAL), HOUSEHOLD ONLY
25114	CABINETS, SINK BASES AND FRONTS, WOOD, KITCHEN, FINISHED AND PAINTED (FACTORY MADE)
25113	CABINETS, WOOD, DINING ROOM, PAINTED OR FINISHED
25410	CABINETS, WOOD (FLOOR OR WALL TYPE)
25114	CABINETS, WOOD, FOR KITCHEN, PAINTED OR FINISHED FACTORY MADE
25210	CABINETS, WOOD, OFFICE, INCLUDING FILE CABINETS
25112	CABINETS, WOOD, PAINTED OR FINISHED, FOR LIVING ROOM, LIBRARY, SUNROOM, AND HALL
25111	CABINETS, WOOD, PAINTED OR FINISHED, FOR RADIO, PHONOGRAPH, HI-FI, TV, AND COMBINATION
24317	CABINETWORK, WOOD, BUILT PER CUSTOM SPECIFICATION
33571	CABLE, ALUMINUM, BARS, INCLUDING ACSR PRODUCED IN A WIREDRAWING ESTABLISHMENT
33521	CABLE, ALUMINUM, BARS, INCLUDING ACSR PRODUCED IN A ROLLING MILL
33579	CABLE, BUILDING
33574	CABLE, COMMUNICATION, PRODUCED IN WIREDRAWING ESTABLISHMENT
33572	CABLE, COPPER AND COPPER BASE ALLOY, BARE AND TINNED, FOR ELECTRICAL TRANSMISSION, PRODUCED IN WIREDRAWING ESTABLISHMENT
22981	CABLE, HARD FIBER, SUCH AS AGAVE, ABACA, ETC.
33578	CABLE, POWER
35319	CABLE, POWER CONTROL UNITS, TRACTOR-MOUNTING
36941	CABLE SETS (AUTOMOTIVE AND AIRCRAFT TYPE)
35332	CABLE TOOL DRILLING MACHINERY AND EQUIPMENT FOR OILFIELD AND GASFIELD DRILLING
35334	CABLE TOOL, PORTABLE DRILLING RIGS FOR OILFIELD AND GASFIELD OR WATER WELLS AND BLAST HOLES
34811	CABLE, WIRE, FERROUS, NONINSULATED, NOT MADE BY WIREDRAWERS
33151	CABLE, WIRE, ROPE, FERROUS, NONINSULATED, FROM WIREDRAWN IN SAME ESTABLISHMENT
31114	CABRETTA LEATHERS, FINISHED
23114	CADETS' AND STUDENTS' SUITS AND COATS FOR BOYS
23271	CADETS TROUSERS, SEPARATE
33416	CADMIUM, UNALLOYED, SECONDARY SMELTING AND REFINING
33397	CADMIUM, UNALLOYED, SMELTED OR REFINED, PRIMARY
28331	CAFFEINE, SYNTHETIC, BULK
33159	CAGES, STEEL WIRE, MADE IN WIREDRAWING PLANT
34819	CAGES, STEEL WIRE, NOT PRODUCED BY WITHDRAWERS
20914	CAKE AND MEAL, COTTONSEED BYPRODUCTS
20933	CAKE AND MEAL, MADE FROM ANY VEGETABLE OIL EXCEPT COTTONSEED AND SOYBEAN
20922	CAKE AND MEAL, SOYBEAN
20455	CAKE, DRY, MIXES (MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT)
20415	CAKE MIXES, DRY (MADE IN FLOUR MILLS)
20517	CAKE TYPE DOUGHNUTS, BAKING POWDER LEAVENED
20512	CAKES, ''COFFEE CAKE,'' YEAST RAISED
20513	CAKES, SOFT, ALL TYPES, INCLUDING POUND, LAYER, FRUIT, ETC.
28199	CALCIUM COMPOUNDS
28331	CALCIUM GLUCONATE, SYNTHETIC, BULK
28192	CALCIUM HYPOCHLORIDE
35741	CALCULATING MACHINES
35743	CALCULATING AND ACCOUNTING MACHINES, PARTS AND ATTACHMENTS
27516	CALENDARS AND CALENDAR PADS PRINTED BY LETTERPRESS

Code	Product
27526	CALENDARS AND CALENDAR PADS PRINTED BY LITHOGRAPHIC
31112	CALF AND WHOLE KIP LEATHERS, FINISHED
35452	CALIPERS AND DIVIDERS, MACHINISTS PRECISION TOOL
28342	CALMING AGENTS, PROPRIETARY PREPARATIONS
38311	CALORIMETERS OPTICAL INSTRUMENTS
31610	CAMERA AND BINOCULAR CASES, ALL MATERIALS
38614	CAMERAS, MICROFILMING
38613	CAMERAS, MOTION PICTURE
38611	CAMERAS, STILL
34492	CAMP BUILDINGS, STEEL AND ALUMINUM, PREFABRICATED AND PORTABLE
36312	CAMP STOVES
37991	CAMPING TRAILERS, COLLAPSIBLE
28331	CAMPHOR, SYNTHETIC, BULK
36343	CAN OPENERS, ELECTRIC (EXCLUDING PARTS AND ATTACHMENTS FOR SUCH ITEMS)
34232	CAN OPENERS EXCEPT ELECTRIC
20715	CANDIES, PENNY GOODS, OTHER THAN BARS (RETAILING IN UNITS OF 4 CENTS OR LESS)
39994	CANDLES AND TAPERS
20711	CANDY, BAR, (EXCEPT SOLID CHOCOLATE BARS)
20722	CANDY BARS, MADE FROM COCOA BEANS GROUND IN THIS ESTABLISHMENT, ALL TYPES INCLUDING DARK AND MILK CHOCOLATE WITH OR WITHOUT NUTS
20716	CANDY BARS, MADE FROM PURCHASED CHOCOLATE, ALL TYPES, INCLUDING DARK MILK CHOCOLATE, WITH OR WITHOUT NUTS
20714	CANDY, BULK, EXCEPT SOLID CHOCOLATE
20712	CANDY, FIVE AND TEN CENT SPECIALTIES (OTHER THAN BARS AND COUGH DROPS)
20713	CANDY, PACKAGE GOODS (EXCEPT SOLID CHOCOLATE)
25190	CANE FURNITURE
20610	CANE SIRUP
20610	CANE SUGAR, RAW
20620	CANE SUGAR, REFINING ONLY
39997	CANES, PARASOLS, UMBRELLAS
20321	CANNED BABY FOODS (EXCEPT MEAT, CEREAL, AND BISCUITS)
20323	CANNED DRY BEANS
20310	CANNED FISH, EXCEPT FROZEN
20334	CANNED FRUIT JUICES, (INCLUDING CONCENTRATED) EXCEPT FROZEN
20331	CANNED FRUITS
20333	CANNED HOMINY
20118	CANNED MEATS (EXCEPT DOG AND CAT FOOD), CANNED IN MEATPACKING PLANT (PRODUCTS CONTAINING 20% OR MORE MEAT)
20138	CANNED MEATS (EXCEPT DOG AND CAT FOOD) NOT CANNED IN MEATPACKING PLANT (PRODUCTS CONTAINING 20% OR MORE MEAT)
20232	CANNED MILK (SHIPPED IN CONSUMER TYPE PACKAGES)
20324	CANNED MINCEMEAT
20333	CANNED MUSHROOMS, EXCEPT FROZEN
20716	CANNED NUT MEATS
20154	CANNED POULTRY, EXCEPT SOUPS
20310	CANNED SEAFOOD, EXCEPT FROZEN
20310	CANNED SEAFOOD SOUP, STEWS, AND CHOWDERS, EXCEPT FROZEN
20322	CANNED SOUPS (EXCEPT FROZEN OR SEAFOOD)
20324	CANNED SPAGHETTI, WITH OR WITHOUT MEAT
20324	CANNED SPECIALTIES, OTHER THAN BABY FOOD, SOUPS, AND DRY BEANS
20335	CANNED VEGETABLE JUICES
20332	CANNED VEGETABLES
35513	CANNING AND PACKING MACHINERY FOR FRUIT AND VEGETABLES, INCLUDING PARTS AND ATTACHMENTS
37323	CANOES
34618	CANS--ASH, GARBAGE, ETC. (EXCLUDING SHIPPING CONTAINERS AND EXCLUDING SMALL METAL CANS FOR FOOD, PAINT, ETC.)
26552	CANS, FIBER, WITH OR WITHOUT METAL ENDS
34110	CANS, METAL
30794	CANS, PLASTICS, PACKAGING AND SHIPPING CONTAINERS
23940	CANVAS, AIR CUSHIONS INFLATED FROM PURCHASED FABRICS
23940	CANVAS, AIR SUPPORTED STRUCTURES, MADE FROM PURCHASED FABRIC
23940	CANVAS AND RELATED PRODUCTS, FROM PURCHASED FABRICS MADE FROM COTTON, NYLON, POLYESTER AND OTHER INDUSTRIAL FABRICS
23940	CANVAS, FUEL CONTAINERS FROM PURCHASED FABRIC
30210	CANVAS SHOES, RUBBER SOLED
34521	CAP AND SET SCREWS
23961	CAP FRONTS, MEN'S AND BOYS' APPAREL FINDINGS, FOR SALE AS SUCH
36112	CAPACITOR MEASURING EQUIPMENT
36291	CAPACITORS, A.C., EXCEPT ELECTROLYTIC FOR MOTORS, CONTROLS AND FLUORESCENT LAMP BALLASTS
36792	CAPACITORS AND CONDENSERS, VARIABLE, FOR ELECTRONIC APPLICATION
23371	CAPES, WOMEN'S, MISSES' AND JUNIORS' INCLUDING FUR-TRIMMED, BUT EXCLUDING 100 PERCENT FUR
23890	CAPS, ACADEMIC
28212	CAPS AND BANDS, CELLULOSIC PRODUCTS, REGENERATED
30794	CAPS AND CLOSURES, PLASTICS
23522	CAPS AND HATS, CLOTH, INCLUDING UNIFORM FOR MEN, BOYS, AND WOMEN
23850	CAPS, BATH AND SHOWER, EXCEPT RUBBER
26451	CAPS, BOTTLE, PAPERBOARD, DIE-CUT
19293	CAPS FOR BOMBS, AMMUNITION
23860	CAPS, LEATHER AND SHEEP-LINED
19610	CAPS, PERCUSSION, FOR AMMUNITION, 30 MM. (OR 1.18 INCHES) AND UNDER
28344	CAPSULES AND TABLETS FOR COUGHS AND COLDS, PHARMACEUTICAL, FOR HUMAN USE
25144	CAR BEDS AND SEATS, BABY, METAL
23112	CAR COATS, TAILORED, FOR MEN
37311	CAR FLOATS, NONPROPELLED SHIPS, NEW
34443	CARPORTS, SHEET METAL
20874	CARAMEL SIRUPS
20714	CARAMELS
36426	CARBIDE LAMPS
36426	CARBIDE LAMPS OF ALL TYPES
19512	CARBINES, 30 MM. (OR 1.18 INCHES) AND UNDER
36240	CARBON AND GRAPHITE PRODUCTS FOR CHEMICAL, METALLURGICAL, AND REFRACTORY USE
28199	CARBON, ACTIVATED, INORGANIC CHEMICAL
36240	CARBON AND GRAPHITE PRODUCTS, EXCLUDING BRUSH AND BRUSH PLATE, ELECTRODES AND SPECIALTIES
36240	CARBON AND GRAPHITE SPECIALTIES FOR MECHANICAL USES INCLUDING BUSHINGS AND BEARINGS, PACKING RINGS
28182	CARBON BISULFIDE AND DISULFIDE, ACYCLIC
28163	CARBON BLACK (BONE AND LAMP) EXCLUDING FURNACE AND CHANNEL CARBON BLACK AND CHARCOAL
28950	CARBON BLACK, CHANNEL AND FURNACE PROCESS ONLY
28133	CARBON DIOXIDE, INDUSTRIAL
39550	CARBON PAPER, AND INKED RIBBONS
28182	CARBON TETRACHLORIDE
20860	CARBONATED BEVERAGES, NONALCOHOLIC-DIETETIC OR NONDIETETIC, BOTTLED AND CANNED
20860	CARBONATED WATER, BOTTLED AND CANNED, DIETETIC OR NONDIETETIC
35991	CARBURETORS, ALL TYPES
27413	CARD-PUBLISHING, EXCEPT GREETING CARDS
25144	CARD TABLES AND CHAIRS, METAL
25144	CARD TABLES AND CHAIRS, METAL HOUSEHOLD FURNITURE
25112	CARD TABLES, FOLDING AND UNFOLDING, WOODEN, PAINTED OR FINISHED
22811	CARDED COTTON YARN, GRAY OR FINISHED IN YARN SPINNING MILLS
23690	CARDIGANS, GIRLS', CHILDREN'S, AND INFANTS', MADE FROM PURCHASED KNIT FABRICS
22531	CARDIGANS, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
23292	CARDIGANS, MEN'S, YOUTHS' AND BOYS', FROM PURCHASED KNIT FABRIC
36930	CARDIOGRAPHS
26451	CARDS, DIE-CUT AND DESIGNED (NOT PRINTED)
27712	CARDS, GREETING, PRINTED FOR PUBLICATION BY OTHERS
27711	CARDS, GREETING, PUBLISHERS SALES
26451	CARDS, INDEX OR GUIDE-PAPER, DIE-CUT
26451	CARDS, MACHINE TABULATION
27516	CARDS, PLAYING, PRINTED BY LETTERPRESS
27526	CARDS, PLAYING, PRINTED BY LITHOGRAPH
27711	CARDS, SEASONAL, AND OTHER GREETING CARDS PUBLISHERS SALES
26451	CARDS, TIME RECORDING, DIE-CUT
37312	CARGO SHIPS, MILITARY, NEW, SELF-PROPELLED
30693	CARPET AND RUG CUSHIONS, CHEMICALLY BLOWN SPONGE
30792	CARPET AND RUG CUSHIONS, FOAMED PLASTICS
30693	CARPET AND RUG CUSHIONS, LATEX RUBBER FOAM
22910	CARPET LININGS, FELT, EXCEPT WOVEN
35892	CARPET SWEEPERS, COMMERCIAL, INCLUDING PARTS AND ACCESSORIES
22814	CARPET YARNS, SPUN, MANMADE FIBER AND SILK-GRAY OR FINISHED IN YARN SPINNING MILLS
22813	CARPET YARNS, SPUN, RAYON AND/OR ACETATE, GRAY OR FINISHED IN SPINNING MILLS
22832	CARPET YARNS, WOOL, INCLUDING TUFTING AND WEAVING OF NEW, REUSED AND REPROCESSED WOOL
24994	CARPETS, CORK
22790	CARPETS, EXCEPT WOVEN OR TUFTED
22720	CARPETS, TUFTED, INCLUDING FINISHING
22710	CARPETS, WOVEN, CHIEFLY COTTON OR MANMADE FIBER PILE YARNS
22710	CARPETS, WOVEN, CHIEFLY WOOL PILE YARNS
19110	CARRIAGES, FOR HEAVY WEAPONS OVER 30 MM. (OR OVER 1.18 INCHES)
20332	CARROTS AND PEAS, CANNED
20332	CARROTS, CANNED
37115	CAR BODIES, PASSENGER
37422	CARS, FREIGHT TRAIN, NEW
37111	CARS, PASSENGER, KNOCKED-DOWN OR ASSEMBLED AND CHASSIS FOR SALE SEPARATELY
37421	CARS, PASSENGER TRAINS, NEW
37423	CARS, RAPID TRANSIT
35321	CARS, UNDERGROUND MINE, TRACK OR SHUTTLE
26510	CARTONS, FOLDING, PAPERBOARD, EXCEPT ICE CREAM, BUTTER, MARGARINE
26543	CARTONS, ICE CREAM, BUTTER, OLEO, SHORTENING, ETC.
26542	CARTONS, LIQUID-TIGHT FOOD CONTAINERS
26541	CARTONS, MILK AND BEVERAGES
26462	CARTONS, PRESSED AND MOLDED PULP GOODS
19610	CARTRIDGE CASES FOR AMMUNITION, 30 MM. (OR 1.18 INCHES) AND UNDER
19610	CARTRIDGES, FOR SMALL FIREARMS, 30 MM. (1.18 INCHES) OR UNDER, EMPTY, BLANK, AND LOADED
35319	CARTS CONTRACTORS, TRACTOR DRIVEN
39492	CARTS FOR CARRYING GOLF BAGS
33159	CARTS, WIRE, FERROUS, HOUSEHOLD, GROCERY AND INDUSTRIAL, MADE IN WIRE-DRAWING PLANT
34819	CARTS, WIRE, FERROUS, HOUSEHOLD, GROCERY AND INDUSTRIAL, NOT MADE BY WIREDRAWERS
39142	CARVING SETS, FLATWARE WITH METAL HANDLES
34211	CARVING SETS, TABLE CUTLERY
26416	CASEIN COATED PAPER
20231	CASEIN, DAIRY PRODUCTS
24311	CASEMENT UNITS, WOOD, FOR WINDOWS, MADE IN A MILLWORK PLANT
34422	CASEMENT WINDOWS, STEEL
35511	CASERS AND UNCASERS FOR DAIRY PRODUCTS
35513	CASERS AND UNCASERS FOR INDUSTRIAL FOOD PRODUCTS, EXCEPT DAIRY
19610	CASES, CARTRIDGE, BRASS OR STEEL FOR SMALL FIREARMS 30 MM. (1.18 INCHES) AND UNDER
31610	CASES, COSMETIC AND VANITY
25410	CASES, DISPLAY, NONREFRIGERATED, WOOD
19291	CASES FOR ARTILLERY AMMUNITION, STEEL AND NONSTEEL, OVER 30 MM. (OR OVER 1.18 INCHES)
31610	CASES, FOR MUSICAL INSTRUMENTS (ANY MATERIALS)
31610	CASES FOR SAMPLES AND CATALOGS
23990	CASES, HANDKERCHIEF, LINGERIE, ETC., MADE OF PURCHASED TEXTILE FABRIC
25223	CASES, METAL, OFFICE
19291	CASES, STEEL, FOR ARTILLERY AMMUNITION OVER 30 MM. (OR 1.18 INCHES AND OVER)
31610	CASES, UNDERARM
24317	CASES, WOOD, SUCH AS CHINA CASES, ETC., TO BE BUILT IN PER CUSTOM SPECIFICATIONS
35741	CASH REGISTERS
25420	CASHIER STANDS, METAL
25410	CASHIER STANDS, WOOD
20139	CASINGS, SAUSAGE NATURAL
30111	CASINGS, PNEUMATIC TIRES FOR PASSENGER CARS AND MOTORCYCLES
34295	CASKET AND CASKET SHELL HARDWARE
39943	CASKET AND COFFIN SHELLS
39941	CASKETS AND COFFINS, METAL, LINED AND TRIMMED
39943	CASKETS AND COFFINS, NOT LINED OR TRIMMED
39942	CASKETS AND COFFINS, WOOD, LINED AND TRIMMED
33610	CAST ALUMINUM, PRESSURE COOKERS EXCEPT STEAM COMMERICAL AND ELECTRIC
34336	CAST IRON AND STEEL HEATING BOILERS, PARTS AND ATTACHMENTS
34333	CAST IRON HEATING BOILERS, RADIATORS AND CONVECTORS EXCEPT PARTS
33212	CAST IRON PRESSURE PIPE AND FITTINGS
33213	CAST IRON SOIL PIPE AND FITTINGS, GRAY IRON
33232	CAST STEEL RAILROAD CAR WHEELS, STEEL FOUNDRY
32722	CAST STONE, PRECAST CONCRETE PRODUCTS
32722	CAST STONE PRODUCTS FOR ARCHITECTURAL PURPOSES, PRECAST CONCRETE PRODUCTS
32970	CASTABLE REFRACTORIES, NONCLAY

Code	Product
32550	CASTABLE REFRACTORIES, CLAY
34295	CASTERS AND WHEELS FOR DOLLIES AND HANDTRUCKS
34292	CASTERS, FURNITURE HARDWARE
33232	CASTING OF CARBON STEEL (FOUNDRY)
33610	CASTINGS, ALUMINUM AND ALUMINUM-BASE ALLOY
33620	CASTINGS, COPPER AND COPPER-BASE ALLOY
33220	CASTINGS, IRON, MALLEABLE
33699	CASTINGS, MAGNESIUM, LEAD, AND THEIR ALLOYS
33699	CASTINGS, NONFERROUS, EXCEPT ZINC, COPPER, AND ALUMINUM
33233	CASTINGS OF ALLOY STEEL (FOUNDRY)
33231	CASTINGS, STEEL INVESTMENT, FOUNDRY
33691	CASTINGS, ZINC AND ZINC-BASE ALLOY
20932	CASTOR BEAN OIL, EXCEPT MEDICINAL GRADES
20423	CAT FOOD, BISCUIT, PELLETS AND MEAL
20423	CAT FOOD, CANNED
27517	CATALOG PRINTING BY GRAVURE
27513	CATALOG PRINTING BY LETTERPRESS
27515	CATALOG SHEETS, LETTERPRESS PRINTED
27523	CATALOGS PRINTED BY LITHOGRAPHIC
27411	CATALOGS, PUBLISHING OF
28198	CATALYTIC PREPARATIONS, CHEMICAL
19990	CATAPULT GUNS
38421	CATHETERS
36720	CATHODE RAY PICTURE TUBES, INCLUDING REBUILT
36730	CATHODE RAY TUBES, (EXCEPT TV PICTURE) CAMERA PICKUP, ICONOSCOPE, ETC
20336	CATSUP (KETCHUP, KATCHUP) AND OTHER TOMATO SAUCES
35228	CATTLE AND DAIRY BARN EQUIPMENT, FEEDING, HANDLING AND WATERING
31111	CATTLE HIDE, FINISHED TO LEATHER
28518	CAULKING COMPOUNDS
28124	CAUSTIC, POTASH
28123	CAUSTIC SODA
20310	CAVIAR, CANNED, EXCEPT FROZEN
25115	CEDAR CHESTS, PAINTED OR FINISHED
24212	CEILING LUMBER, DRESSED, MADE IN A SAWMILL AND PLANING MILL
34443	CEILINGS AND DOMES, SHEET METAL
24332	CEILINGS, WOOD, FOR PREFABRICATED AND PRECUT BUILDINGS
24313	CELLAR DOOR FRAMES, WOOD, SHIPPED IN DOOR UNITS
25112	CELLARETS, WOODEN, PAINTED OR FINISHED
28212	CELLOPHANE, SHEETS AND ROLLS, REGENERATED CELLULOSIC PRODUCTS
28219	CELLULOSE AND OTHER PLASTIC FILM FROM SCRAP
28212	CELLULOSIC PRODUCTS, REGENERATED, EXCEPT RAYON
28213	CELLULOSIC RESINS, THERMOPLASTIC
28211	CELLULOSIC, UNSUPPORTED PLASTICS, PRODUCED FROM RESINS MADE IN THE SAME PLANT
32410	CEMENT, HYDRAULIC, INCLUDING PORTLAND, NATURAL, MASONRY, POZZOLAN, ETC.
35595	CEMENT-MAKING MACHINERY AND EQUIPMENT
32970	CEMENT REFRACTORY NONCLAY, HIGH TEMPERATURE
30698	CEMENT, RUBBER
28911	CEMENTS FOR FURNACE AND PORCELAIN
35418	CENTERING MACHINE, FOR METALWORKING USE
28342	CENTRAL NERVOUS SYSTEM STIMULANTS, PHARMACEUTICAL FOR HUMAN USE
35690	CENTRIFUGALS AND SEPARATORS EXCEPT CREAM, GRAIN AND BERRY, INDUSTRIAL MACHINERY
28163	CERAMIC COLOR PIGMENT
32640	CERAMIC ELECTRICAL PRODUCTS
32530	CERAMIC FLOOR AND WALL TILE
26412	CEREAL AND SIMILAR INNER WRAPS, WAXED AND WAXED-LAMINATED PAPER
20820	CEREAL BEVERAGES-MALT LIQUORS
20430	CEREALS: BREAKFAST FOODS-BOTH READY TO SERVE, AND TO BE COOKED BEFORE SERVING
20117	CERVELAT, NOT CANNED, MADE IN MEATPACKING PLANT
20137	CERVELAT, NOT CANNED, NOT MADE IN MEATPACKING PLANT
33159	CHAIN, FERROUS WIRE, MADE IN WIREDRAWING PLANTS
33156	CHAIN LINK FENCING, STEEL WIRE, MADE IN WIREDRAWING PLANT
34816	CHAIN LINK FENCING, STEEL WIRE, NOT PRODUCED BY WIREDRAWERS
35531	CHAIN SAWS
34819	CHAIN, WIRE, FERROUS, NOT PRODUCED BY WIREDRAWING
35663	CHAINS FOR SPROCKET DRIVE-MECHANICAL POWER-TRANSMISSION EQUIPMENT EXCEPT AUTO, MARINE, AND AIRCRAFT
25155	CHAIR-BED
25311	CHAIR DESK, SCHOOL
34990	CHAIR FRAMES, AND FURNITURE PARTS, METAL
25126	CHAIR FRAMES, WOOD
25116	CHAIR-TABLES, COMBINATION FEEDING, CHILDREN'S, WOOD, PAINTED AND FINISHED
25116	CHAIRS AND SEATS, NURSERY, WOODEN, PAINTED OR FINISHED
25312	CHAIRS FOR PUBLIC LIBRARY
25144	CHAIRS, INFANT'S METAL HIGH CHAIRS
25141	CHAIRS, METAL HOUSEHOLD-DINING, DINETTE, AND BREAKFAST
25142	CHAIRS, METAL, KITCHEN, INCLUDING PADDED
25221	CHAIRS, METAL, OFFICE, INCLUDING UPHOLSTERED
25143	CHAIRS, METAL OUTDOOR
25117	CHAIRS, OUTDOOR, WOODEN
25990	CHAIRS, RESTAURANT, WOOD OR METAL
25311	CHAIRS, SCHOOL, ALL PURPOSE
25117	CHAIRS, STEAMER AND DECK, WOODEN, OUTDOOR FURNITURE
25312	CHAIRS, THEATRE, AUDITORIUM
25121	CHAIRS, UPHOLSTERED, WOOD, HOUSEHOLD
25210	CHAIRS, WOOD, OFFICE, INCLUDING UPHOLSTERED
25112	CHAIRS, WOOD, PAINTED OR FINISHED, EXCLUDING UPHOLSTERED AND DINING ROOM
25115	CHAIRS, WOOD, PAINTED OR FINISHED, FOR BEDROOMS, EXCLUDING UPHOLSTERED
25113	CHAIRS, WOOD, PAINTED OR FINISHED, FOR DINING ROOM AND KITCHEN, EXCEPT UPHOLSTERED
25116	CHAIRS, WOOD, PAINTED OR FINISHED, INFANTS' AND CHILDREN'S, EXCEPT UPHOLSTERED
25117	CHAIRS, WOOD, UNPAINTED
25143	CHAISE LOUNGES, METAL OUTDOOR
25121	CHAISE LOUNGES, UPHOLSTERED WOOD
25115	CHAISE LOUNGES, WOOD, BEDROOM, PAINTED OR FINISHED, EXCEPT UPHOLSTERED
39521	CHALK AND CRAYONS, EXCEPT ARTISTS AND TAILORS
25311	CHALK BOARDS, SCHOOL
22213	CHALLIS, MADE OF 100% SPUN RAYON AND/OR ACETATE FABRICS, GRAY GOODS
22114	CHAMBRAYS, COLORED COTTON YARN FABRICS, WOVEN (GRAY GOODS)
29990	CHARCOAL BRIQUETTES, PRODUCTS OF PETROLEUM AND COAL
28612	CHARCOAL, HARDWOOD, INCLUDING BRIQUETTES
28611	CHARCOAL, SOFTWOOD, INCLUDING BRIQUETTES
25312	CHARGING DESKS FOR PUBLIC LIBRARY
27526	CHARTS, SCIENTIFIC AND TECHNICAL, PRINTED BY LITHOGRAPHIC PROCESS
37991	CHASSIS FOR AUTOMOBILE TRAILER, SOLD SEPARATELY, EXCLUDING HOUSING TYPE
36514	CHASSIS FOR POLE-TYPE RADIO AND TV RECEIVERS, SOLD SEPARATELY
37112	CHASSIS, TRUCK AND TRUCK TRACTORS, OWN MANUFACTURE
37150	CHASSIS, TRUCK TRAILER, SOLD SEPARATELY
35791	CHECK WRITING, SIGNING, SORTING, NUMBERING, PROTECTING, DATING, CANCELLING MACHINES
27821	CHECKBOOKS, BLANKBOOK MAKING
20221	CHEESE, NATURAL, INCLUDING CHEDDAR, BRICK, CREAM AND SWISS
20222	CHEESE, PROCESS, INCLUDING CHEESE FOOD, SPREAD, ETC., MADE FROM PURCHASED CHEESE
20222	CHEESE SPREADS, PASTES, AND CHEESE-LIKE PREPARATIONS
22113	CHEESECLOTH COTTON (GRAY GOODS)
28198	CHEMICAL CATALYTIC PREPARATIONS
28181	CHEMICAL INDICATORS, CYCLIC
35591	CHEMICAL MANUFACTURING INDUSTRY MACHINERY, EQUIPMENT, AND PARTS
19293	CHEMICAL WARFARE PROJECTILES AND COMPONENTS
28199	CHEMICALS, ARSENIC, BISMUTH, CALCIUM, CARBON, EPSOM SALTS, IODINE MERCURIC OXIDE, SULFUR COMPOUNDS, ZINC COMPOUND
28612	CHEMICALS FROM WOOD
22710	CHENILLE CARPETS AND RUGS, WOOL OR CHIEFLY WOOL, WOVEN
20338	CHERRIES, MARASCHINO
25115	CHEST OF DRAWERS, BEDROOM, WOODEN, PAINTED OR FINISHED, EXCEPT CHILDREN'S
25116	CHEST OF DRAWERS, CHILDREN'S FURNITURE ONLY, WOODEN, PAINTED OR FINISHED
25117	CHEST OF DRAWERS, UNPAINTED WOOD
34920	CHESTS AND SAFES, BURGLAR-RESISTIVE
35853	CHESTS, PICNIC, NONMECHANICAL, REFRIGERATED
20730	CHEWING GUM BASE
20730	CHEWING GUM, NOT MEDICATED, AND BASE
20154	CHICKENS, CANNED EXCEPT SOUPS
20151	CHICKENS, HENS, CAPONS AND YOUNG CHICKENS, DRESSED AND PACKED
25115	CHIFFONIERS, WOODEN, PAINTED OR FINISHED, BEDROOM FURNITURE
25115	CHIFFOROBES, WOODEN, PAINTED OR FINISHED, BEDROOM FURNITURE
39430	CHILDREN'S AUTOMOBILES AND TRACTORS
31415	CHILDREN'S SHOES
39430	CHILDREN'S VEHICLES, EXCEPT BICYCLES
20117	CHILI CON CARNE, NOT CANNED, MADE IN MEATPACKING PLANT
20137	CHILI CON CARNE, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20336	CHILI SAUCE
39314	CHIMES AND PARTS, MUSICAL INSTRUMENTS
32592	CHIMNEY PIPE, STRUCTURAL CLAY PRODUCTS
25113	CHINA CABINETS, WOOD, DINING ROOM, FINISHED AND PAINTED
24317	CHINA CASES, WOOD, TO BE BUILT-IN PER CUSTOM SPECIFICATIONS
32690	CHINA DECORATING FOR THE TRADE
32620	CHINA, KITCHEN AND TABLE ARTICLES, VITREOUS
32620	CHINA KITCHENWARE, COMMERCIAL AND HOUSEHOLD, VITREOUS
32620	CHINA TABLEWARE, COMMERCIAL AND HOUSEHOLD, VITREOUS
20932	CHINAWOOD OIL
20324	CHINESE FOODS, CANNED
20373	CHINESE FOODS, FROZEN
20992	CHIPS OR STICKS (POTATO, CORN, ETC.) PLAIN OR FLAVORED, BAGGED OR CANNED
24219	CHIPS, WOOD, MADE IN SAWMILLS
34232	CHISELS
28182	CHLORAL, ACYLIC
28196	CHLORIDE, ALUMINUM COMPOUNDS
28790	CHLORINATED HYDROCARBON PESTICIDAL PREPARATIONS FOR AGRICULTURE
28192	CHLORINE BLEACHING POWDER
28121	CHLORINE, COMPRESSED OR LIQUEFIED
28192	CHLORINE AND OTHER BLEACHING COMPOUNDS
28182	CHLOROACETIC, ACID, ACYCLIC
28181	CHLOROPHYLL, SYNTHETIC
28194	CHLOROSULFONIC ACID
20728	CHOCOLATE AND COCOA PRODUCTS EXCEPT CONFECTIONERY, MADE FROM COCOA BEANS OR NIBS GROUND IN THIS ESTABLISHMENT
20998	CHOCOLATE AND COCOA PRODUCTS, EXCEPT CONFECTIONERY (MADE FROM PURCHASED CHOCOLATE OR COCOA)
20716	CHOCOLATE BARS, ALL TYPES, MADE FROM PURCHASED CHOCOLATE
20722	CHOCOLATE BARS, MADE FROM COCOA BEANS OR NIBS GROUND IN THIS ESTABLISHMENT
20722	CHOCOLATE, BULK, OR PACKAGED CONFECTIONERY-TYPE, MADE FROM COCOA BEANS, GROUND IN THE SAME ESTABLISHMENT
20721	CHOCOLATE COATINGS, SWEET, MILK AND LIQUOR
20728	CHOCOLATE (EXCEPT COATINGS) FOR BAKING, COOKING, ETC., SWEETENED AND UNSWEETENED, MADE FROM COCOA BEANS OR NIBS GROUND IN THIS ESTABLISHMENT
20998	CHOCOLATE (EXCEPT COATINGS) FOR BAKING, COOKING, ETC., SWEETENED OR UNSWEETENED MADE PURCHASED CHOCOLATE OR COCOA
20264	CHOCOLATE MILK AND CHOCOLATE MILK DRINKS, PACKAGED IN THIS PLANT
20231	CHOCOLATE MILK, POWDERED
20716	CHOCOLATE, PACKAGE, BULK, CONFECTIONERY-TYPE, ETC. MADE FROM PURCHASED CHOCOLATE
20728	CHOCOLATE SIRUP, FROM CHOCOLATE LIQUID OR COCOA POWDER BASE, MADE FROM COCOA BEANS OR NIBS GROUND IN THIS ESTABLISHMENT
20998	CHOCOLATE SIRUP, FROM CHOCOLATE LIQUID OR COCOA POWDER BASE, MADE FROM PURCHASED CHOCOLATE OR COCOA
36430	CHOKE COILS, POWER CIRCUIT
36794	CHOKES, COILS, TRANSFORMERS, REACTORS FOR ELECTRONIC APPLICATION
20324	CHOP SUEY, CANNED
35512	CHOPPERS, GRINDERS, CUTTERS, DICERS, FOOD, COMMERCIAL
20352	CHOW CHOW, CHOPPED MIXED PICKLES IN MUSTARD SAUCE
20310	CHOWDER, CANNED, SEAFOOD, EXCEPT FROZEN
20310	CHOWDER, CLAM, CANNED, EXCEPT FROZEN
20324	CHOW-MEIN, CANNED
27526	CHRISTMAS AND EASTER SEALS PRINTED BY LITHOGRAPHIC
27711	CHRISTMAS CARD, SALES BY PUBLISHERS
27516	CHRISTMAS SEALS PRINTED BY LETTERPRESS
36992	CHRISTMAS TREE LIGHTING OUTFITS
36410	CHRISTMAS TREE LIGHTS
39999	CHRISTMAS TREE ORNAMENTS AND DECORATIONS EXCEPT ELECTRIC
39620	CHRISTMAS TREES, ARTIFICIAL
28163	CHROME COLORS, INCLUDING HYDRATED CHROMIUM OXIDE
28163	CHROME COLORS, INORGANIC PIGMENTS

Code	Product
28194	CHROMIC ACID
28199	CHROMIUM COMPOUNDS, INORGANIC CHEMICALS
38711	CHRONOMETERS, COMPLETE
20310	CHUB-SMOKED FISH
35453	CHUCKS AND CHUCK HOLDING DEVICES, METALWORKING
25312	CHURCH FURNITURE
25312	CHURCH PEWS
35511	CHURNS, BUTTER, DAIRY, EXCEPT FARM SIZE
20996	CIDER
39111	CIGARETTE AND CIGAR CASES AND LIGHTERS OF PLATINUM AND CARAT GOLD
39112	CIGARETTE AND CIGAR CASES AND LIGHTERS OF PRECIOUS METALS, EXCEPT PLATINUM AND CARAT GOLD
39999	CIGARETTE AND CIGAR LIGHTERS, EXCEPT OF PRECIOUS METALS
35595	CIGARETTE AND CIGAR MAKING MACHINES
31720	CIGARETTE CASES
35811	CIGARETTE COIN-OPERATED VENDING MACHINES
39999	CIGARETTE HOLDERS
35791	CIGARETTE MACHINES
26495	CIGARETTE PAPER BOOKS
21110	CIGARETTES
24411	CIGAR BOXES, WOODEN AND PART WOODEN
21210	CIGARS AND CIGARILLOS
36132	CIRCUIT BREAKERS, POWER, ALL VOLTAGES
36135	CIRCUIT BREAKERS, MOLDED CASE
36131	CIRCUIT BREAKERS, POWER SWITCHGEAR
27515	CIRCULAR FOLDERS, LETTERPRESS PRINTED
22562	CIRCULAR KNIT CLOTH, IN THE GREIGE (GRAY) SHIPPED OR TRANSFERRED FOR FINISHING
22562	CIRCULAR KNIT FABRICS, FINISHED, A KNIT FABRIC MILL PRODUCT
34250	CIRCULAR SAW BLADES, POWER
35532	CIRCULAR SAWS, WOODWORKING MACHINERY FOR HOME WORKSHOPS, GARAGES, AND SERVICE SHOPS
27525	CIRCULARS AND LETTERS PRINTED BY LITHOGRAPHIC PROCESS
34334	CIRCULATORS, DOMESTIC HEATING STOVES
20310	CISCO, SMOKED FISH
28993	CITRUS OILS, NATURAL
20424	CITRUS PULP FOR ANIMAL FEED
20310	CLAM CHOWDER, CANNED, EXCEPT FROZEN
20362	CLAMS, FRESH PACKAGED
20361	CLAMS, PACKAGED FROZEN
20310	CLAMS, WHOLE AND MINCED (DRAINED WEIGHT), CANNED, EXCEPT FROZEN
39314	CLARINETS AND PARTS
23422	CLASPS, FOR WOMEN'S PERSONAL WEAR (CORSET ACCESSORIES)
32550	CLAY KILN FURNITURE, RADIANT HEATER ELEMENTS, AND SHAPED REFRACTORY ITEMS, CLAY
32592	CLAY PRODUCTS, STRUCTURAL, OTHER THAN SEWER PIPE AND FITTINGS
32550	CLAY REFRACTORIES
32591	CLAY SEWER PIPE AND FITTINGS
32512	CLAY TILE, STRUCTURAL, EXCEPT FACING
35595	CLAYWORKING MACHINERY AND EQUIPMENT
28411	CLEANERS, ACID TYPE, BULK
28423	CLEANERS AND SOLVENTS, TOILET BOWL AND DRAINPIPE CLEANERS
28423	CLEANERS, BRUSH, PAINT, TOILET BOWLS, WALLPAPER, GLASS, RUGS AND UPHOLSTERY WALLS, OVENS
28413	CLEANSERS, SCOURING, WITH OR WITHOUT ABRASIVES, HOUSEHOLD
35484	CLEANERS, SPARK PLUG, STEAM VAPOR, AUTOMOTIVE
28445	CLEANSING CREAMS
32410	CLINKER, PORTLAND CEMENT
38711	CLOCK MOVEMENTS, COMPLETE BUT NOT CASED (INCLUDING ELECTRIC AND SPRING WOUND)
38715	CLOCK PARTS, EXCEPT TIMING MOTORS AND EXCEPT COMPLETE UNCASED CLOCK MOVEMENTS
38711	CLOCKS, ALL TYPES, COMPLETE
33911	CLOSED DIE FORGING, STEEL DROP, UPSET AND PRESS
24317	CLOSETS, WOOD, TO BE BUILT-IN PER CUSTOM SPECIFICATIONS
34616	CLOSURES FOR HOME CANNING INCLUDING ZINC PRODUCTS, GLASS LIDS AND SHOULDER AND TOP SEAL JAR RINGS
34616	CLOSURES, METAL, COMMERCIAL EXCEPT CROWNS
26451	CLOSURES, PAPER AND PAPERBOARD, DIE-CUT
30794	CLOSURES, PLASTICS, INCLUDING SPOUTS, SPRAY VALVES, SEALS, FLIP CASES, TUBE AND BOTTLE TOPS AND CAPS, ETC.
34616	CLOSURES, VACUUM TYPE OF METAL
22113	CLOTH, BANDAGE, COTTON (GRAY GOODS)
22562	CLOTH, CIRCULAR KNIT IN THE GREIGE (GRAY) SHIPPED OR TRANSFERRED FOR FINISHING
32913	CLOTH, COATED OR IMPREGNATED WITH ABRASIVE MATERIALS
22561	CLOTH, WARP KNIT IN THE GREIGE (GRAY) (TRICOT, RASCHEL, SIMPLEX, MILANESE) SHIPPED OR TRANSFERRED FROM KNIT FABRIC MILL FOR FINISHING
33157	CLOTH, WIRE, FERROUS, MADE IN WIREDRAWING PLANTS
34814	CLOTH, WIRE, FERROUS, NOT PRODUCED BY WIREDRAWERS
34990	CLOTHESLINE POSTS, METAL
24262	CLOTHESPIN STOCK, HARDWOOD, A DIMENSION MILL PRODUCT
24995	CLOTHESPINS, WOODEN
39493	CLOTHING, ATHLETIC
23860	CLOTHING, LEATHER OR SHEEPLINED
27413	CLOTHING PATTERNS, PUBLISHING
25420	CLOTHING RACKS, METAL
25410	CLOTHING RACKS, WOOD
30698	CLOTHING, RUBBER
23850	CLOTHING, WATERPROOF EXCEPT RUBBER
23282	CLOTHING, WORK (EXCEPT SHIRTS), MEN'S AND BOYS'
23289	CLOTHING, WORK (EXCEPT SHIRTS), MEN'S, YOUTHS', AND BOYS' (CONTRACT AND COMMISSION RECEIPTS)
28424	CLOTHS, POLISHING AND CLEANING, CHEMICALLY TREATED
22113	CLOTHS, PRINT, COTTON (GRAY GOODS)
22119	CLOTHS, WASH, COTTON, MADE IN BROADWOVEN FABRIC MILLS
23929	CLOTHS, WASH, MADE FROM PURCHASED FABRIC
22590	CLOTHS, WASH, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
24262	CLUBS, GOLF, STOCK, HARDWOOD, A DIMENSION MILL PRODUCT
20860	CLUB SODA, BOTTLED AND CANNED, DIETETIC OR NONDIETETIC
37141	CLUTCH DISC AND FACING ASSEMBLIES
32922	CLUTCH FACING, ASBESTOS
35484	CLUTCH REBUILDING EQUIPMENT, AUTOMOTIVE
35663	CLUTCHES FOR MECHANICAL POWER-TRANSMISSION EQUIPMENT, EXCEPT AUTOMOTIVE, AIRCRAFT AND MARINE
37113	COACHES, MOTOR (EXCEPT TROLLEY BUSSES), MADE ON OWN CHASSIS
37910	COACHES, TRAILER HOUSING TYPE
35321	COAL CUTTING MACHINES
28155	COAL TAR, CRUDES, CYCLIC
28151	COAL TAR, INTERMEDIATES, CYCLIC
29522	COAL TAR ROOFING PITCH
35351	COAL TIPPLE CONVEYORS
26217	COARSE PAPER, UNBLEACHED KRAFT PAPER
23630	COAT AND LEGGING SETS, GIRLS', CHILDREN'S, AND INFANTS
23630	COAT AND SNOW PANTS SETS, GIRLS' AND INFANTS'
23710	COAT LININGS, FUR
23961	COAT, SUIT AND TROUSER FINDINGS, MEN AND BOYS
22531	COAT SWEATERS, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
26215	COATED BRISTOLS
22951	COATED FABRICS, EXCEPT RUBBER
26213	COATED PAPER, ONE OR TWO SIDES (PRINTING AND CONVERTING PAPER)
29510	COATED STONE, ASPHALT OR TAR
34790	COATING, METAL, HOT DIP, INCLUDING GALVANIZING
28516	COATINGS AND FINISHES FOR MACHINERY AND EQUIPMENT, INDUSTRIAL
23114	COATS, BOYS', INCLUDING UNIFORM
23639	COATS, COAT AND LEGGING SETS, GIRLS', CHILDREN'S, AND INFANTS' (RECEIPTS FOR CONTRACT WORK)
23379	COATS (EXCEPT FUR AND RAIN), WOMEN'S, MISSES', AND JUNIORS', (CONTRACT AND COMMISSION RECEIPTS)
23371	COATS (EXCEPT FUR) WOMEN'S, MISSES', AND JUNIORS'
23710	COATS, FUR
23630	COATS, GIRLS', CHILDREN'S, AND INFANTS'
23291	COATS, HEAVY OUTERWEAR, MEN'S, YOUTHS', AND BOYS'
23860	COATS, LEATHER AND SHEEP-LINED, MEN'S, BOYS', WOMEN'S, MISSES', AND JUNIORS'
23112	COATS, MEN'S, EXCEPT SPORT COATS AND TAILORED DRESS COATS
23113	COATS, MEN'S TAILORED DRESS
23850	COATS, RAIN, EXCEPT ALL RUBBER
33574	COAXIAL CABLE PRODUCED IN WIREDRAWING ESTABLISHMENT
28199	COBALT COMPOUND, INORGANIC CHEMICAL
20853	COCKTAILS, BOTTLED-LIQUORS
20728	COCOA BUTTER
20721	COCOA COATINGS (MADE CHIEFLY FROM COCOA POWDER AND FAT OTHER THAN COCOA BUTTER)
20722	COCOA, CONFECTIONERY, MOLDED OR SOLID BAR, MADE FROM COCOA BEANS GROUND IN THIS ESTABLISHMENT
20716	COCOA, CONFECTIONERY, MOLDED OR SOLID BAR, MADE FROM PURCHASED CHOCOLATE
20728	COCOA, POWDERED, MADE FROM COCOA BEANS GROUND IN THIS ESTABLISHMENT, SWEETENED OR UNSWEETENED
20998	COCOA, POWDERED, MADE FROM PURCHASED CHOCOLATE OR COCOA, SWEETENED OR UNSWEETENED
20933	COCONUT CAKE AND MEAL
20999	COCONUT, DESICCATED OR SHREDDED, SWEETENED, CREAMED, AND TOASTED
22790	COCONUT FIBER CARPETS AND RUGS
20932	COCONUT OIL
28992	COCONUT-TYPE FATTY ACIDS, INCLUDING BABASSU AND PALM KERNEL, LAURIC, CAPRYLIC, CAPRIC, AND MYRISTIC
28347	COD LIVER OIL, FOR HUMAN USE
20512	COFFEE CAKES, SWEET YEAST-RAISED
20952	COFFEE, CONCENTRATED, LIQUID, FROZEN, AND POWDERED
35512	COFFEE MILLS, POWER-DRIVEN, COMMERCIAL
20951	COFFEE, ROASTED, WHOLE BEAN OR GROUND
25112	COFFEE TABLES
35891	COFFEE URNS, COMMERCIAL
36343	COFFEEMAKERS, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS FOR SUCH ITEMS)
39941	COFFINS AND CASKETS, METAL, LINED AND TRIMMED
39942	COFFINS AND CASKETS, WOOD, LINED AND TRIMMED
25153	COIL SPRINGS AND FLAT SPRINGS, BEDSPRINGS
34930	COIL SPRINGS, AUTOMOBILE
36293	COIL WINDINGS, ELECTRICAL FOR INDUSTRY
36945	COILS, IGNITION, FOR INTERNAL COMBUSTION ENGINES
36794	COILS, TRANSFORMERS, REACTORS, CHOKES FOR ELECTRONIC APPLICATION
35741	COIN CHANGEMAKER MACHINES, COIN-OPERATED
35741	COIN HANDLING AND SORTING MACHINES
39992	COIN-OPERATED AMUSEMENT MACHINES
35812	COIN-OPERATED MECHANISMS SOLD SEPARATELY
35811	COIN-OPERATED MERCHANDISING MACHINES, INCLUDING PARTS
35791	COIN WRAPPING MACHINE
26492	COIN WRAPS, PAPER
33121	COKE, INCLUDING SCREENINGS AND BREEZE
33121	COKE OVEN GAS
33121	COKE OVEN AND BLAST FURNACE PRODUCTS, INCLUDING FERRO-ALLOYS
29990	COKE, PETROLEUM, CALCINED
28344	COLD AND COUGH PREPARATIONS FOR HUMAN USE
33168	COLD FINISHED STEEL BARS AND BAR SHAPES, NOT MADE IN STEEL MILL
33128	COLD FINISHED STEEL BARS AND BAR SHAPES, PRODUCED FROM OWN HOT ROLLED MATERIALS, IN STEEL MILLS
33167	COLD ROLLED STEEL SHEET AND STRIP, NOT MADE IN STEEL MILL
33127	COLD ROLLED STEEL SHEET AND STRIP, PRODUCED FROM OWN HOT ROLLED MATERIAL IN STEEL MILLS
29510	COLD ROLLED SHEET TOPPING (PAVING)
28993	COLD SOLDER
28344	COLD TABLETS, PHARMACEUTICAL, FOR HUMAN USE
27910	COLD TYPESETTING SERVICES, INCLUDING ALL NONMETALLIC, NONPHOTOGRAPHIC TYPESETTING
34960	COLLAPSIBLE TUBES, METAL
22531	COLLARS, KNIT, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
23219	COLLARS, MEN'S, YOUTHS', AND BOYS' (CONTRACT AND COMMISSION RECEIPTS)
27311	COLLEGE TEXT BOOKS, PRINTING AND PUBLISHING
28442	COLOGNES, TOILET WATER, PERFUMES
38615	COLOR FILM, STILL AND MOTION PICTURE
28163	COLOR INORGANIC PIGMENTS
32112	COLORED GLASS, FLOAT AND PLATE
28163	COLORED LEAD PIGMENTS
34710	COLORING, ELECTROPLATING, PLATING, POLISHING, ANODIZING
20874	COLORINGS, FOR FOODS
33397	COLUMBIUM-TANTALUM ALLOYS PRIMARY SMELTING
33416	COLUMBIUM-TANTALUM ALLOYS, SECONDARY SMELTING AND REFINING
24318	COLUMNS, WOOD, FOR PORCHES, STAIRS, ETC.
37312	COMBAT SHIPS, SELF-PROPELLED SHIPS, U S MILITARY, NEW
19310	COMBAT VEHICLES, FULL TRACKED, INCLUDING PARTS(INCLUDING ARMORED UTILITY VEHICLES)
37114	COMBAT VEHICLES, WHEELED OR TRACKED TACTICAL VEHICLES OR CARRIERS
22812	COMBED COTTON YARN, GRAY OR FINISHED IN YARN SPINNING MILLS
26315	COMBINATION PAPERBOARD; BENDING
26316	COMBINATION PAPERBOARD; NONBENDING
23422	COMBINATIONS, WOMEN'S PERSONAL WEAR

Code	Product
35225	COMBINES (HARVESTER-THRESHERS)
22970	COMBING, WORSTED, WOOL OR OTHER
30698	COMBS, BRUSHES AND MOUTH PIECES, RUBBER
30698	COMBS, RUBBER
23920	COMFORTERS, MADE FROM PURCHASED FABRIC
27215	COMIC MAGAZINES, SUBSCRIPTION AND SINGLE COPY SALES
34616	COMMERCIAL CLOSURES, METAL AND PLASTIC
26432	COMMERCIAL PACKAGING (BAGS, POUCHES, DRUM LINERS) AND TUBES, PLAIN OR PRINTED, WAXED OR UNWAXED
22539	COMMISSION AND CONTRACT RECEIPTS FOR KNITTING AND/OR DYEING KNIT OUTERWEAR PRODUCTS
22619	COMMISSION DYEING OR OTHER FINISHING OF COTTON BROADWOVEN FABRICS
22629	COMMISSION DYEING OR OTHER FINISHING OF MANMADE FIBER AND SILK BROADWOVEN FABRIC
23959	COMMISSION EMBROIDERING (EXCEPT SCHIFFLI-MACHINE) ON MATERIALS OWNED BY OTHERS
22315	COMMISSION FINISHING OF WOOL FABRICS
22569	COMMISSION KNITTING AND/OR DYEING KNIT FABRICS PRODUCED IN A KNIT FABRIC MILL
22315	COMMISSION RECEIPTS FOR SPONGING OF WOOL FABRICS
24919	COMMISSION RECEIPTS, WOOD PRESERVING (I.E., PRESERVING OF WOOD OWNED BY OTHER ESTABLISHMENTS)
22829	COMMISSION THROWING, PLYING, WINDING, WARPING, ETC. OF YARNS, EXCEPT WOOL
23959	COMMISSION TUCKING, PLEATING, HEMSTITCHING AND BUTTON HOLING, FOR THE TRADE
23639	COMMISSION WORK, GIRLS', CHILDREN'S, AND INFANTS' COATS, SNOW SUITS, COAT AND LEGGING SETS AND SUITS
23619	COMMISSION WORK, GIRLS', CHILDREN'S, AND INFANTS' DRESSES, BLOUSES WAISTS, AND SHIRTS
23279	COMMISSION WORK ON MEN'S AND BOYS' TROUSERS, (SEPARATE DRESS AND SPORT)
23289	COMMISSION WORK ON MEN'S AND BOYS' WORK CLOTHING
23219	COMMISSION WORK, SHIRTS (EXCEPT WORK SHIRTS), COLLARS AND NIGHTWEAR, MEN'S, YOUTHS', AND BOYS'
23119	COMMISSION WORK, SUITS AND OVERCOATS, MEN'S, YOUTHS', AND BOYS'
23419	COMMISSION WORK, WOMEN'S AND CHILDREN'S UNDERWEAR AND NIGHTWEAR
23399	COMMISSION WORK, WOMEN'S, MISSES', AND JUNIORS' APRONS, SMOCKS, HOOVERS, AND OTHER WASHABLE SERVICE APPAREL, NECKWEAR, KNIT SHIRTS, (FROM PURCHASED FABRIC) ETC.
23319	COMMISSION WORK, WOMEN'S, MISSES', AND JUNIORS' BLOUSES, WAISTS, AND SHIRTS
23379	COMMISSION WORK, WOMEN'S, MISSES', AND JUNIORS' COATS, SUITS, AND SKIRTS
23359	COMMISSION WORK, WOMEN'S, MISSES', AND JUNIORS' DRESSES
33574	COMMUNICATION WIRE AND CABLE, PRODUCED IN WIREDRAWING ESTABLISHMENT
36627	COMMUNICATIONS SYSTEMS, SPACE SATELLITE (COMPLETE PACKAGE)
35318	COMPACTORS AND SELF-PROPELLED ROLLERS
39111	COMPACTS OF PLATINUM AND CARAT GOLD
39112	COMPACTS OF PRECIOUS METALS, EXCEPT PLATINUM AND CARAT GOLD
35452	COMPARATORS, MACHINISTS PRECISION TOOLS
38111	COMPASSES, FLIGHT AND NAVIGATION
35857	COMPONENTS AND ACCESSORIES FOR AIR-CONDITIONING AND REFRIGERATION
35720	COMPOSING MACHINES,OFFICE, INCLUDING ATTACHMENTS AND PARTS
32912	COMPOUNDS, ABRASIVES, FOR GRINDING, LAPPING AND BUFFING
28199	COMPOUNDS OF ARSENIC, ANTIMONY, BERYLLIUM, BISMUTH, CADMIUM, CALCIUM, CHROMIUM, COBALT, COPPER, GOLD, IRON, LEAD, MOLYBDENUM NICKEL
35370	COMPRESSED-AIR POWERED INDUSTRIAL TRUCKS AND TRACTORS
20994	COMPRESSED YEAST
35614	COMPRESSORS, AIR AND GAS, EXCEPT REFRIGERATOR
35616	COMPRESSORS, AIR AND GAS, PARTS AND ATTACHMENTS ONLY
35854	COMPRESSORS AND COMPRESSOR UNITS, ALL REFRIGERANTS
35854	COMPRESSORS, HOUSEHOLD REFRIGERATORS
35741	COMPUTING AND ACCOUNTING MACHINES, INCLUDING CASH REGISTERS AND VOTING MACHINES
35733	COMPUTING EQUIPMENT (ELECTRONIC), PARTS AND ATTACHMENTS
20952	CONCENTRATED COFFEE, POWDERED, LIQUID, AND FROZEN
20371	CONCENTRATED FRUIT AND BERRY JUICES, FROZEN
20874	CONCENTRATED FRUIT JUICE PRODUCTS (NOT FROZEN)
20233	CONCENTRATED MILK, SHIPPED IN BULK (BARRELS, DRUMS, TANKS)
35316	CONCRETE BATCHING PLANTS
32710	CONCRETE BLOCK AND BRICK
35595	CONCRETE-BLOCK MACHINERY AND EQUIPMENT
28993	CONCRETE CURING AND FLOOR HARDENING MATERIALS
35316	CONCRETE MIXERS
35316	CONCRETE MIXERS AND PAVERS, EXCEPT PARTS
32721	CONCRETE PIPE
35595	CONCRETE-PRODUCTS MACHINERY AND EQUIPMENT
32730	CONCRETE, READY-MIXED
34493	CONCRETE REINFORCING BARS, FABRICATED
33159	CONCRETE REINFORCING MESH, FERROUS, MADE IN WIREDRAWING PLANT
34819	CONCRETE REINFORCING MESH, FERROUS, NOT PRODUCED BY WIREDRAWERS
33124	CONCRETE REINFORCING STEEL BARS
20231	CONDENSED, EVAPORATED MILK
20233	CONDENSED MILK, SHIPPED IN BULK (BARRELS, DRUMS, TANKS)
20232	CONDENSED MILK (SHIPPED IN CONSUMER TYPE CANS)
36946	CONDENSERS, ENGINE ELECTRICAL EQUIPMENT
34970	CONDENSER FOIL, METAL
36792	CONDENSERS AND CAPACITORS, VARIABLE, FOR ELECTRONIC APPLICATION
35855	CONDENSING UNITS, ALL REFRIGERANTS
36442	CONDUCT AND FITTINGS, ELECTRICAL NONCURRENT-CARRYING DEVICES
26461	CONDUIT AND FITTINGS (MOLDED PULP OR PAPIER MACHE)
36443	CONDUIT BOXES
32592	CONDUIT, CLAY
24318	CONDUIT, WOOD
32721	CONDUITS, CONCRETE
20522	CONES, ICE CREAM
26552	CONES, PAPERBOARD
35811	CONFECTION COIN-OPERATED VENDING MACHINES
20711	CONFECTIONERIES, BAR, (EXCEPT SOLID CHOCOLATE BARS)
20714	CONFECTIONERIES, BULK GOODS, (EXCEPT SOLID CHOCOLATE)
20712	CONFECTIONERIES, 5-CENT AND 10-CENT SPECIALTIES (OTHER THAN BARS AND COUGH DROPS)
20715	CONFECTIONERIES, PENNY GOODS, OTHER THAN BARS (RETAILING IN UNITS OF 4 CENTS OR LESS)
20630	CONFECTIONER'S POWDERED SUGAR, BEET
20620	CONFECTIONER'S SUGAR, POWDERED, CANE
20721	CONFECTIONERY (COCOA) COATINGS (MADE CHIEFLY FROM COCOA POWDER AND FAT OTHER THAN COCOA BUTTER)
20722	CONFECTIONERY (COCOA) MOLDED OR SOLID BARS, MADE FROM COCOA BEANS GROUND IN THIS ESTABLISHMENT
20716	CONFECTIONERY-COCOA-MOLDED OR SOLID BARS, MADE FROM PURCHASED CHOCOLATE
20713	CONFECTIONERY, PACKAGED GOODS (EXCEPT SOLID CHOCOLATE)
20722	CONFECTIONERY-TYPE CHOCOLATE, MADE FROM COCOA BEANS GROUND IN THIS ESTABLISHMENT
20716	CONFECTIONERY-TYPE CHOCOLATE MADE FROM PURCHASED CHOCOLATE
20722	CONFECTIONERY-TYPE PRODUCTS, BULK AND PACKAGED, INCLUDING SOLID CHOCOLATE, ALL TYPES, MADE FROM COCOA BEANS GROUND IN THIS ESTABLISHMENT
20716	CONFECTIONERY-TYPE PRODUCTS, BULK AND PACKAGED, INCLUDING SOLID CHOCOLATE, ALL TYPES, MADE FROM PURCHASED CHOCOLATE
36430	CONNECTORS FOR ELECTRONIC APPLICATION
26216	CONSTRUCTION PAPER
26612	CONSTRUCTION PAPER (DRY BASIS BEFORE SATURATING)
30796	CONSTRUCTION PLASTIC PRODUCTS
38512	CONTACT LENSES, OPHTHALMIC FOCUS LENSES
36240	CONTACTS, CARBON AND GRAPHITE
36430	CONTACTS, ELECTRICAL, EXCEPT CARBON AND GRAPHITE
26314	CONTAINER CHIP AND FILLER BOARD, COMBINATION PAPERBOARD-SHIPPING CONTAINERBOARD
35423	CONTAINER MAKING MACHINERY, FOR METAL FORMING
26311	CONTAINER PAPERBOARD, INCLUDING LINERS, CORRUGATING MATERIALS, UNBLEACHED KRAFT
26314	CONTAINERBOARD, COMBINATION PAPERBOARD FOR SHIPPING, CORRUGATING MEDIUM
26542	CONTAINERS, FOOD, CUP AND LIQUID TIGHT
26543	CONTAINERS, FROZEN FOOD, BUTTER, OLEO
32210	CONTAINERS, GLASS
26543	CONTAINERS, ICE CREAM
34913	CONTAINERS, METAL, FOR SHIPPING FLUID MILK
30794	CONTAINERS, PLASTICS
26462	CONTAINERS, PRESSED AND MOLDED PULP
26543	CONTAINERS, SANITARY FOOD
26530	CONTAINERS, SHIPPING, CORRUGATED AND SOLID FIBER
24430	CONTAINERS, VENEER AND PLYWOOD, EXCEPT BOXES AND CRATES
27611	CONTINUOUS BUSINESS FORMS, STRIP, FANFOLD OR AUTOGRAPHIC REGISTER
38311	CONTOUR PROJECTORS
22539	CONTRACT AND COMMISSION RECEIPTS FOR KNITTING AND/OR DYEING KNIT OUTERWEAR PRODUCTS
31119	CONTRACT AND COMMISSION WORK FOR LEATHER TANNING AND FINISHING
23399	CONTRACT AND COMMISSION WORK RECEIPTS FOR WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR
24219	CONTRACT RECEIPTS FOR CUSTOM SAWING, KILN DRYING, PLANING OR RESAWING OF MATERIALS OWNED BY OTHERS
22315	CONTRACT RECEIPTS FOR FINISHING WOOL FABRICS, OWNED BY OTHERS, INCLUDING SPONGING, SHRINKING AND MENDING
22315	CONTRACT RECEIPTS FOR FINISHING WOOL TEXTILES, EXCEPT BROADWOVEN FABRICS
24119	CONTRACT RECEIPTS, LOGGING, TIMBER OWNED BY OTHERS
24219	CONTRACT RECEIPTS, SAWING OF LOGS
24919	CONTRACT WOOD PRESERVING (I.E., PRESERVING OF WOOD OWNED BY OTHER ESTABLISHMENTS
36220	CONTROL EQUIPMENT, ELECTRIC, INDUSTRIAL
36213	CONTROL EQUIPMENT FOR LAND TRANSPORTATION UNITS (INCLUDING PARTS AND SUPPLIES FOR SUCH ITEMS)
34941	CONTROL VALVES, ALL METALS, PRESSURES AND TYPES
33579	CONTROL WIRE AND CABLE
36220	CONTROLS AND CONTROL ACCESSORIES, INDUSTRIAL, ELECTRIC AND ELECTRONIC
36344	CONTROLS, ELECTRIC, FOR SMALL HOUSEHOLD ELECTRICAL APPLIANCES
34333	CONVECTORS FOR HEATING EXCEPT PARTS
36430	CONVENIENCE AND POWER OUTLETS, ELECTRICAL
37314	CONVERSION OF U.S. MILITARY SHIPS
35197	CONVERTED ENGINES, INTERNAL COMBUSTION
25154	CONVERTIBLE SOFAS
37141	CONVERTIBLE TOPS FOR AUTOS
26218	CONVERTING PAPER, INCLUDING ENVELOPE, GUMMING, TWISTING AND SPINNING, WAXING, CUP, ASPHALTING AND CREPING STOCKS, EXCEPT UNBLEACHED KRAFT
30691	CONVEYOR AND ELEVATOR BELTS AND BELTING, RUBBER
22411	CONVEYOR BELTING, WOVEN NARROW FABRIC
35351	CONVEYOR SYSTEMS, OVERHEAD TROLLEY
35351	CONVEYORS AND CONVEYING EQUIPMENT, EXCEPT HOISTS AND FARM ELEVATORS
35352	CONVEYORS AND SYSTEMS, PARTS AND ATTACHMENTS AND ACCESSORIES ONLY
35351	CONVEYORS, PORTABLE EXCEPT FARM
35351	CONVEYORS, TUBE SYSTEM, PNEUMATIC (EXCEPT FARM)
36312	COOK STOVES, COAL, WOOD, GAS, OIL, HOUSEHOLD
20455	COOKIE DOUGH, REFRIGERATED, MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT
20415	COOKIE DOUGH, REFRIGERATED, MADE FROM FLOUR MIXES--MADE IN FLOUR MILLS
20455	COOKIE, DRY MIXES, MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT
20415	COOKIE DRY MIXES, MADE IN FLOUR MILLS
20515	COOKIES, HANDMADE
20522	COOKIES, MACHINE MADE, HARD AND SOFT SWEETENED COOKIES AND WAFERS
34615	COOKING AND KITCHEN HOUSEHOLD UTENSILS, STAMPED AND SPUN METAL, EXCEPT ALUMINUM
35891	COOKING EQUIPMENT, COMMERCIAL AND HOSPITAL, ELECTRIC AND NONELECTRIC, INCLUDING PARTS AND ACCESSORIES
35891	COOKING EQUIPMENT (COMMERCIAL), PARTS AND ACCESSORIES
20961	COOKING OILS INCLUDING SALAD, OLIVE OIL PRODUCED AT THIS PLANT, REFINED, BLEACHED, DEODORIZED PACKED AND HYDROGENIZED
33610	COOKING UTENSILS, CAST ALUMINUM (EXCEPT ELECTRIC)
34611	COOKING UTENSILS OF VITREOUS ENAMEL
32620	COOKING WARE, CHINA
32630	COOKING WARE, FINE EARTHENWARE
32291	COOKINGWARE, GLASS FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	COOKINGWARE, GLASS MADE FROM PURCHASED GLASS
35857	COOLER BOXES, REFRIGERATION EQUIPMENT
30798	COOLER CHESTS, PICNIC JUGS AND ICE BUCKETS, PLASTICS
35851	COOLERS, LIQUID, SHELL-COIL OR TUBE (HEAT TRANSFER EQUIPMENT)
24218	COOLING TOWER STOCK, WOOD
24450	COOPERAGE, SLACK AND TIGHT
24290	COOPERAGE STOCK, MADE IN A SAWMILL
28213	COPOLYMER RESINS, THERMOPLASTIC
33620	COPPER AND COPPER-BASE ALLOY CASTINGS
33920	COPPER AND COPPER-BASE ALLOY FORGINGS
33512	COPPER AND COPPER-BASE ALLOY MILL PRODUCTS, ROLLED, DRAWN, EXTRUDED
33572	COPPER AND COPPER-BASE ALLOY WIRE, BARE AND TINNED, FOR ELECTRICAL TRANSMISSION PRODUCED IN WIREDRAWING ESTABLISHMENT

Code	Product
28199	COPPER COMPOUNDS, INORGANIC CHEMICALS
28790	COPPER-CONTAINING DRY PREPARATION FOR AGRICULTURE
33412	COPPER, INGOT AND SHOT, SECONDARY SMELTING AND REFINING
33991	COPPER, POWDER AND PASTE, PRIMARY
33311	COPPER, PRIMARY, SMELTER PRODUCTS, INCLUDING BLISTER OR ANODE COPPER, MATTE, SPEISS, FLUE DUST, RESIDUES, ETC.
33312	COPPER, REFINED, PRIMARY, INCLUDING BOTH UNALLOYED COPPER, AND COPPER-BASE ALLOYS
33412	COPPER, SMELTER OR REFINING, SECONDARY
33412	COPPER, UNALLOYED AND COPPER-BASE ALLOYS SECONDARY REFINERS
33511	COPPER WIRE, BARE AND TINNED (NONELECTRIC), UNALLOYED AND ALLOYED
20933	COPRA CAKE AND MEAL
36996	CORD AND WIRE, APPLIANCE, AND FLEXIBLE CORD SETS, FROM PURCHASED MATERIAL
33576	CORD, APPLIANCE, MADE IN ESTABLISHMENTS WHICH INSULATE WIRE
22983	CORD, BRAIDED COTTON
36430	CORD CONNECTORS, ELECTRIC
22960	CORD, TIRE
22982	CORDAGE AND TWINE, SOFT FIBER, INCLUDING JUTE, PAPER AND OTHER FIBERS, EXCEPT COTTON
22811	CORDAGE, CARDED COTTON YARNS, GRAY OR FINISHED IN YARN SPINNING MILLS
22983	CORDAGE, COTTON FIBER
22981	CORDAGE, HARD FIBER, ROPE AND CABLE
22213	CORDED FABRICS, 100% SPUN RAYON AND/OR ACETATE (GRAY GOODS)
22216	CORDED FABRICS, COMBINATION FILAMENT-AND-SPUN RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
20853	CORDIALS (LIQUORS), BOTTLED
22116	CORDUROY FABRICS, COTTON (GRAY GOODS)
35592	CORE MAKING MACHINES, FOUNDRY
19610	CORES, BULLET: 30 MM. (OR 1.18 INCHES) AND UNDER
26552	CORES, FIBER
35331	CORING EQUIPMENT FOR OILFIELD AND GASFIELD DRILLING
32932	CORK GASKETS
24994	CORK PRODUCTS, ALL KINDS
20460	CORN BYPRODUCTS, WET PROCESS
20992	CORN CHIPS, BAGGED OR CANNED
34492	CORN CRIBS, PREFABRICATED, METAL, COMPLETE UNITS
20413	CORN FLOUR
20460	CORN GLUTEN FEED AND MEAL
20413	CORN GRITS FOR HUMAN OR ANIMAL CONSUMPTION
20460	CORN OIL, INCLUDING CAKE AND MEAL BYPRODUCTS
35225	CORN PICKERS
36343	CORN POPPER, ELECTRIC (EXCEPT PARTS AND ATTACHMENTS)
38421	CORN REMOVER, PADS, BUNION PADS
20460	CORN SIRUP, INCLUDING SOLIDS (DRIED CORN SIRUP)
20460	CORN SIRUP--UNMIXED
20460	CORN STARCH--INCLUDING MILO
20460	CORN SUGAR--CRUDE, 70 DEGREE, 80 DEGREE
20460	CORN SUGAR, REFINED, HYDROUS AND ANHYDROUS
20332	CORN, SWEET, WHOLE KERNEL AND CREAM STYLE, CANNED
20111	CORNED BEEF NOT CANNED OR MADE INTO SAUSAGE
23951	CORNELY EMBROIDERIES (EXCEPT SCHIFFLI-MACHINE)
25113	CORNER CABINETS, WOOD, DINING ROOM, FINISHED AND PAINTED
25117	CORNER CABINETS, WOOD, UNPAINTED
20430	CORNFLAKES, AND CORN BREAKFAST FOOD READY TO SERVE
34443	CORNICES, SHEET METAL
20413	CORNMEAL (FOR HUMAN AND ANIMAL USE)
20413	CORNMEAL, FOR HUMAN USE, DEGERMED
20413	CORNMEAL, FOR HUMAN USE, WHOLE
20991	CORNSTARCH BASE DESSERTS, READY-TO-MIX
26530	CORRUGATED BOXES
35540	CORRUGATED BOXMAKING MACHINES
22411	CORSET, ELASTIC NARROW WOVEN FABRICS
22561	CORSET FABRICS, WARP KNIT, FINISHED, MADE IN A KNITTING MILL
22414	CORSET LACES, BRAIDED
23429	CORSETS AND ALLIED GARMENTS, RECEIPTS FOR CONTRACT WORK ONLY
23422	CORSETS AND CORSET ACCESSORIES
38421	CORSETS, SURGICAL
28341	CORTICAL HORMONES, PHARMACEUTICAL FOR HUMAN USE
28445	COSMETIC CREAMS, CLEANSING, FOUNDATION, LUBRICATING
28445	COSMETIC OIL
39610	COSTUME JEWLRY AND COSTUME NOVELTIES, EXCEPT PRECIOUS METALS
23890	COSTUMES, INCLUDING THEATRICAL
25144	COTS, FOLDING AND ROLLABLE, METAL HOUSEHOLD FURNITURE
25117	COTS, FOLDING, OF WOOD AND CANVAS OUTDOOR FURNITURE
20263	COTTAGE CHEESE (INCLUDING BAKERS' CHEESE, POT CHEESE, FARMERS' CHEESE)
34521	COTTER PINS
22110	COTTON AND CHIEFLY COTTON BLANKETS, BED AND CAMP, MADE IN BROADWOVEN FABRIC MILLS
22214	COTTON AND POLYESTER BLENDS, 100% SPUN FABRIC, INCLUDING BATISTE, BED SHEETING BROADCLOTH, CORDUROY, GABARDINE, OXFORDS, POPLINS, VOILES AND YARN DYED FABRICS
22617	COTTON BROADWOVEN FABRIC, FINISHED FROM PURCHASED MATERIAL
22117	COTTON BROADWOVEN FABRICS, FINISHED IN BROADWOVEN FABRIC MILLS
22114	COTTON COLORED YARN FABRICS, TOWELING AND DISHCLOTH FABRICS AND NAPPED COTTON FABRICS, INCLUDING BLANKETING (GRAY GOODS)
22115	COTTON COMBED, RAYON MIXTURES, EXCEPT SUITINGS (GRAY GOODS), BROADWOVEN
22111	COTTON DUCK AND ALLIED FABRICS (GRAY GOODS) INCLUDING COMBED DUCK
22116	COTTON ELASTIC FABRICS, BROADWOVEN (GRAY GOODS)
22617	COTTON FABRIC, FLAMEPROOF, MILDEWPROOFED, MERCERIZED OR EMBOSSED (EXCEPT BLEACHED, DYED OR PRINTED) FROM PURCHASED FABRIC
22117	COTTON FABRIC-FLAMEPROOF, MILDEWPROOFED, MERCERIZED OR EMBOSSED (EXCEPT BLEACHED, DYED OR PRINTED) MADE IN BROADWOVEN FABRIC MILLS
22115	COTTON FABRICS, FINE (GRAY GOODS), BROADWOVEN
22114	COTTON FABRICS, NAPPED (GRAY GOODS), BROADWOVEN
22414	COTTON FABRICS, NARROW, BRAIDED
22411	COTTON FABRICS, NARROWWOVEN
22983	COTTON FIBER CORDAGE AND TWINE
35595	COTTON GINNING MACHINERY AND EQUIPMENT
26112	COTTON, LINTER PULP
20913	COTTON LINTERS
23930	COTTON OR COTTON CANVAS TEXTILE BAGS
35225	COTTON PICKERS AND STRIPPERS
22113	COTTON PRINT CLOTH YARN FABRICS(GRAY GOODS), BROADWOVEN
22841	COTTON SEWING THREAD FOR USE IN THE HOME
22112	COTTON SHEETING AND ALLIED FABRICS (GRAY GOODS)
23928	COTTON SHEETS AND PILLOW CASES MADE FROM PURCHASED FABRIC
22118	COTTON SHEETS AND PILLOW CASES MADE IN BROADWOVEN FABRIC MILLS
38421	COTTON SURGICAL DRESSINGS
22114	COTTON TOWELING AND DISHCLOTH FABRIC (GRAY GOODS)
23929	COTTON TOWELS AND WASHCLOTHS MADE FROM PURCHASED FABRIC
22119	COTTON TOWELS AND WASHCLOTHS, MADE IN BROADWOVEN FABRIC MILLS
22114	COTTONADES, COTTON YARN FABRICS, WOVEN (GRAY GOODS)
20914	COTTONSEED BYPRODUCTS, INCLUDING CAKE, MEAL, AND HULLS, EXCEPT OIL AND LINTERS
20911	COTTONSEED OIL, CRUDE
20912	COTTONSEED OIL, REFINED (AFTER ALKALI OR CAUSTIC WASH BUT BEFORE BLEACHING, DEODORIZING, AND/OR WINTERIZING)
25221	COUCHES, METAL, OFFICE, INCLUDING UPHOLSTERED
25156	COUCHES, STUDIO
25121	COUCHES, UPHOLSTERED, WOOD
25210	COUCHES, WOOD, OFFICE INCLUDING UPHOLSTERED
28344	COUGH AND COLD PREPARATIONS FOR HUMAN USE
20716	COUGH DROPS, 10 CENTS OR LESS PER PACKAGE, RETAIL
28344	COUGH DROPS, LOZENGES, SIRUPS
28344	COUGH DROPS, MEDICATED
28344	COUGH DROPS, OVER 10 CENTS A PACKAGE RETAIL
28344	COUGH SYRUPS
28183	COUMARIN
25410	COUNTER AND FIXTURE TOPS, WOOD, MAY BE PLASTIC LAMINATED
39962	COUNTER COVERING, PLASTIC
30796	COUNTER COVERING, PLASTICS, FOR CONSTRUCTION
36626	COUNTERMEASURES EQUIPMENT
31310	COUNTERS FOR SHOES
25420	COUNTERS, METAL, OFFICE AND STORE AND BANK, HOUSEHOLD
25410	COUNTERS, WOOD
35451	COUNTERSINKS AND COUNTERBORES, SMALL CUTTING TOOLS
35663	COUPLINGS FLEXIBLE, EXCEPT AUTO, AIRCRAFT AND MARINE
27518	COUPONS, GRAVURE PRINTED
27516	COUPONS, LETTERPRESS PRINTED
27526	COUPONS PRINTED BY LITHOGRAPHIC PROCESS
26216	COVER AND TEXT PAPER
23282	COVERALLS, MEN'S AND BOYS', WORK CLOTHING
23393	COVERALLS, WOMEN'S AND MISSES', MADE OF WOVEN OR PURCHASED KNIT FABRIC
24994	COVERING, CORK, FOR WALLS, FLOORS, PIPE, ETC.
23990	COVERS, AUTO SEAT, FIBER, WOVEN SARAN AND PLASTIC, AND CLEAR PLASTIC FROM PURCHASED FABRIC
23850	COVERS, DIAPER, PLASTIC AND RUBBERIZED (NOT ALL RUBBER)
26451	COVERS, EXCEPT LOOSELEAF DIE-CUT
24994	COVERS, FITTING, CORK
27822	COVERS, LOOSELEAF
23920	COVERS, MATTRESS, MADE FROM PURCHASED FABRIC
23920	COVERS, SLIP, EXCEPT EMBROIDERED, FOR FURNITURE, MATTRESSES, ETC., MADE FROM PURCHASED FABRIC
23920	COVERS, TABLE AND DRESSER, EXCEPT LACE
22920	COVERS, TABLE AND DRESSER, LACE
23940	COVERS, TARPAULING, FOR TRUCKS, BOATS, ETC., MADE FROM PURCHASED FABRICS INCLUDING COATED FABRIC
26472	COVERS, TOILET SEAT, PAPER
22114	COVERTS, SUITING (COTTON) (GRAY GOODS)
20310	CRABS, CANNED, EXCEPT FROZEN
20362	CRABS, FRESH PACKAGED
20361	CRABS, PACKAGED FROZEN
20521	CRACKER MEAL AND CRUMBS
20521	CRACKER SANDWICHES, MADE FROM CRACKERS MADE IN THIS PLANT
20999	CRACKER SANDWICHES, MADE FROM PURCHASED CRACKERS
20521	CRACKERS, SPONGE, GRAHAMS, SPRAYED VARIETIES AND LOW-SUGAR CONTENT BISCUIT
25116	CRADLES, WOODEN, PAINTED OR FINISHED FOR INFANTS
20331	CRANBERRY SAUCE, CANNED
35314	CRANES AND PARTS, POWER, INCLUDING LOCOMOTIVE, FULL CIRCLE, REVOLVING WITH BOOMS, DRAGLINES, SHOVELS
35318	CRANES, CONSTRUCTION MACHINERY FOR MOUNTING ON TRACTORS
35362	CRANES, OVERHEAD TRAVELING
36943	CRANKING MOTORS FOR INTERNAL COMBUSTION ENGINES INCLUDING AUTO, TRUCK, TRACTOR, AND AIRCRAFT
24412	CRATE SHOOK - FROM LUMBER, VENEER OR PLYWOOD
24420	CRATES, WIREBOUND LUMBER, VENEER AND PLYWOOD
24411	CRATES, WOOD, NAILED AND LOCK
39521	CRAYONS, AND LEAD PENCILS
20261	CREAM, BULK, FLUID
20262	CREAM, PACKAGED
20261	CREAM, PLASTIC, SHIPPED IN BULK
20231	CREAM, POWDERED
20515	CREAM PUFFS, NOT FROZEN
35511	CREAM SEPARATORS AND CLARIFIERS FOR DAIRIES
20263	CREAMED COTTAGE CHEESE, FROM PURCHASED CURD
35222	CREAM SEPARATORS, HAND OR POWER OPERATED, FARM MACHINERY
20210	CREAMERY BUTTER, CHURNED IN SAME ESTABLISHMENT
28445	CREAMS, COSMETICS, AND TOILET PREPARATIONS
22533	CREEPERS, KNIT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23690	CREEPERS, MADE FROM PURCHASED KNIT FABRICS
25210	CREDENZAS, WOOD OFFICE FURNITURE
25112	CREDENZAS, WOOD, PAINTED OR FINISHED
27412	CREDIT REGULATIONS, PUBLISHED FOR BUSINESS
28155	CREOSOTE OIL
29510	CREOSOTED WOOD PAVING BLOCKS
26492	CREPED PAPER
26492	CREPED WADDING FOR PACKAGING (CELLULOSE) AND CREPE PAPER
22211	CREPES, 100% FILAMENT RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
22114	CRIB BLANKETING, COTTON (GRAY GOODS)
25152	CRIB MATTRESSES, INNERSPRING
25152	CRIB MATTRESSES, RUBBER OR LATEX
23928	CRIB SHEETS MADE FROM PURCHASED FABRIC
22118	CRIB SHEETS, MADE IN BROADWOVEN FABRIC MILLS
25116	CRIBS, WOOD, PAINTED OR FINISHED, INCLUDING SPRINGS SOLD AS PART OF THE CRIB
22841	CROCHET THREAD, COTTON, INCLUDING DARNING, EMBROIDERY AND HAND KNITTING COTTON THREAD, FOR USE IN THE HOME
24318	CROOKS, WOOD, STAIR

Code	Product
28331	CROP SPRAY, ANTIBIOTICS SYNTHETIC BULK
24218	CROSS ARM STOCK
24318	CROSS ARMS, WOOD, FINISHED PRODUCT
24911	CROSS ARMS, WOOD OWNED AND TREATED BY THIS ESTABLISHMENT
34250	CROSSCUTS AND RIPSAWS, CARPENTER, HAND OPERATED
24110	CROSSTIES, HEWN, WOOD
24911	CROSSTIES, RAILWAY, WOOD OWNED AND TREATED BY THIS ESTABLISHMENT
24211	CROSSTIES, WOOD, SAWED
34617	CROWNS, METAL, FOR GLASS AND METAL CONTAINERS
20460	CRUDE CORN OIL
33121	CRUDE LIGHT OIL AND DERIVATIVES, COKE OVEN PRODUCTS
33121	CRUDE TAR, COKE OVEN BYPRODUCTS
37312	CRUISERS, U.S. MILITARY NEW, STEEL
35319	CRUSHERS AND CRUSHING PLANTS, PORTABLE
35322	CRUSHING, PULVERIZING, AND SCREENING MACHINERY, UNDERGROUND MINING MACHINERY
35322	CRUSHING, PULVERIZING, AND SCREENING PLANTS, STATIONARY, FOR MINING
28196	CRYOLITE, ALUMINUM COMPOUND
29110	CRYSTALLINE WAX
20716	CRYSTALLIZED FRUIT AND NUTS
36795	CRYSTALS, QUARTZ, FOR ELECTRONICS
20630	CUBE AND TABLET SUGAR--BEET
20620	CUBE AND TABLET SUGAR CANE
20352	CUCUMBER PICKLES, INCLUDING DILL, SOUR, SWEET, AND FRESH PACK AND RELISH
35228	CULTIVATORS AND WEEDERS, FARM, INCLUDING ATTACHMENTS
28314	CULTURE MEDIA, BACTERIOLOGICAL FOR HUMAN USE
32721	CULVERT PIPE, CONCRETE
34442	CULVERTS, METAL
23890	CUMMERBUNDS
27412	CUMULATIVE INDEXES, PUBLISHED FOR BUSINESS
30794	CUPS AND TUMBLERS, PLASTICS
24430	CUPS, BERRY, VENEER AND PLYWOOD
20522	CUPS, ICE CREAM (BAKERY PRODUCTS)
26542	CUPS, PAPER, FOR FOOD
23920	CUSHIONS, AND FANCY PILLOWS MADE FROM PURCHASED FABRIC OR RUBBER
23940	CUSHIONS, CANVAS, AIR INFLATED, FROM PURCHASED FABRICS
30693	CUSHIONS, LATEX FOAM RUBBER, FULLY MOLDED
32316	CUSTARD CUPS, COOKING, GLASS, FROM PURCHASED GLASS
32291	CUSTARD CUPS, COOKING, MADE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
20240	CUSTARD, FROZEN
20514	CUSTARD PIES, NOT FROZEN
28217	CUSTOM COMPOUNDING OF PURCHASED RESINS
20310	CURED SEAFOOD
20310	CURED SEAFOOD, EXCEPT FROZEN
36430	CURRENT-CARRYING WIRING DEVICES, INCLUDING LIGHTNING RODS
36112	CURRENT METERS, ELECTRICAL
25911	CURTAIN AND DRAPERY RODS, POLES AND FIXTURES FABRICATED IN THIS PLANT
34493	CURTAIN WALL, METAL, FOR BUILDING
23910	CURTAINS, EXCEPT LACE, MADE FROM PURCHASED FABRIC INCLUDING PLASTIC AND GLASS FIBER
22920	CURTAINS, LACE
30798	CURTAINS, PLASTICS, FOR WINDOWS AND SHOWERS
23920	CURTAINS, SHOWERBATH, MADE FROM PURCHASED FABRIC AND PLASTIC
22219	CURTAINS, WINDOW (EXCEPT LACES) OF MANMADE FIBER FABRICS: MADE IN BROADWOVEN FABRIC MILL
24217	CUT STOCK, SOFTWOOD
34211	CUTLERY, BUTCHERS AND MEATPACKING
39142	CUTLERY, TABLE AND KITCHEN, SILVER, SILVER PLATED AND STAINLESS STEEL
34211	CUTLERY, TABLE, KITCHEN, BUTCHERS
36131	CUTOUTS, DISTRIBUTION
36430	CUTOUTS, SWITCH AND FUSE
35451	CUTTERS FOR MILLS, REPLACEABLE INSERTED BLADE
35331	CUTTING AND FISHING TOOLS FOR ROTARY OILFIELD AND GASFIELD DRILLING
29920	CUTTING AND QUENCHING OILS, MADE FROM PURCHASED MATERIALS
35483	CUTTING APPARATUS, GAS-TYPE, INCLUDING MACHINES
29117	CUTLERY AND QUENCHING OILS MADE IN REFINERIES
34232	CUTTING DIES, EXCEPT METAL-CUTTING
35321	CUTTING MACHINERY FOR UNDERGROUND MINING
35451	CUTTING TOOLS, DIAMOND METALWORKING, SMALL CUTTING TOOLS
35419	CUTTING-TYPE MACHINE TOOLS, PARTS FOR, AND REBUILT MACHINE TOOLS
28155	CYCLIC, COAL TAR, CRUDES
28151	CYCLIC, COAL TAR, INTERMEDIATES
34434	CYLINDERS, GAS
35992	CYLINDERS, PNEUMATIC AND HYDRAULIC
35623	CYLINDRICAL ROLLER BEARINGS
28790	DDT, CONTAINING PREPARATIONS FOR AGRICULTURE
35511	DAIRY AND MILK PRODUCTS PLANT MACHINERY AND EQUIPMENT
35228	DAIRY FARM MACHINERY, INCLUDING ATTACHMENTS
35853	DAIRY REFRIGERATORS
20232	DAIRY WEIGHT CONTROL PRODUCTS, CANNED
22114	DAMASKS, COTTON, BROADWOVEN (GRAY GOODS)
35731	DATA PROCESSING MACHINES, ELECTRONIC, AND ASSOCIATED EQUIPMENT, EXCEPT TYPEWRITERS
36612	DATA SETS, DIGITAL OR ANALOG (TELEPHONE, TELEGRAPH)
20341	DATES, DRIED AND DEHYDRATED
35791	DATING DEVICES AND MACHINES, EXCEPT RUBBER STAMPS
25121	DAVENPORTS, UPHOLSTERED WOOD HOUSEHOLD, EXCEPT DUAL PURPOSE
32950	DEAD-BURNED MAGNESIA AND MAGNESITE
27522	DECALCOMANIAS, LABELS, LITHOGRAPHIC PRINTING, EXCEPT TEXTILE
27526	DECALCOMANIAS PRINTED BY LITHOGRAPHIC
27519	DECALCOMANIAS PRINTED BY SCREEN PROCESS
25117	DECK CHAIRS, WOODEN OUTDOOR FURNITURE
28344	DECONGESTANTS, INCLUDING NASAL SPRAYS AND NOSE DROPS
26495	DECORATION, WINDOW, PAPER
30792	DECORATIONS, HOLIDAY PLASTICS
26112	DEFIBRATED WOODPULP
28711	DEFLUORINATED PHOSPHATE ROCK
28711	DEFLUORINATED SUPERPHOSPHATES
28790	DEFOLIANTS, WEED KILLER
28423	DEGREASING COMPOUNDS
35852	DEHUMIDIFIERS, MECHANICAL, ROOM
28348	DEHYDROSTREPTOMYCIN, PHARMACEUTICAL, FOR HUMAN USE
26112	DE-INKED PAPER PULP
26412	DELICATESSEN PAPER, WAXED AND WAX-LAMINATED
36111	DEMAND METERS, KW AND KVA INTEGRATING INSTRUMENTS, ELECTRICAL
28185	DENATURED ETHYL ALCOHOL, EXCEPT RUBBING ALCHOL
22114	DENIMS, COLORED, COTTON YARN FABRICS, CLOTHING BASIS 28-IN. (GRAY GOODS)
38430	DENTAL CHAIRS, CABINETS, LIGHTS AND EQUIPMENT UNITS
28444	DENTAL FLOSS AND DENTAL ADHESIVES
38430	DENTAL INSTRUMENTS, EQUIPMENT AND SUPPLIES
38430	DENTAL LABORATORY EQUIPMENT INCLUDING FURNACES, CASTING MACHINES, LATHES, BENCHES, FLASKS, BLOW PIPES, ETC.
38430	DENTAL WAXES, CEMENTS, GYPSUMS IMPRESSION MATERIALS AND LOW-FUSING ALLOYS
28444	DENTIFRICES, INCLUDING MOUTHWASHES, GARGLES AND RINSES
28444	DENTURE CLEANERS AND ADHESIVES
38430	DENTURE MATERIALS
28423	DEODORANTS, NONPERSONAL
28445	DEODORANTS, PERSONAL
28445	DEPILATORIES, AGENT TO REMOVE HAIR
19990	DEPTH CHARGE RELEASE PISTOLS AND PROJECTORS
19293	DEPTH CHARGES AND PARTS
35319	DERRICKS, EXCEPT OIL AND GAS WELL
35334	DERRICKS, OILFIELD AND GASFIELD, SUBSTRUCTURE, AND ACCESSORIES, REGULAR AND PORTABLE
28790	DESICANTS, WEED KILLER
25224	DESK EXTENSIONS, STAND ATTACHMENTS AND PLATFORMS, METAL OFFICE FURNITURE
25210	DESK EXTENSIONS, WOOD OFFICE FURNITURE
36427	DESK LAMPS, PORTABLE, RESIDENTIAL, EXCEPT BULB
25311	DESK SEAT COMBINATION, SCHOOL
31990	DESK SETS, LEATHER
39510	DESK SETS, FOUNTAIN-PEN, BALLPOINT AND INKWELL RESERVOIR (PEN TYPE
38410	DESKS, HOSPITAL
25112	DESKS, HOUSEHOLD, WOOD-FINISHED AND PAINTED
25222	DESKS, METAL OFFICE
25311	DESKS, SCHOOL
25210	DESKS, WOOD OFFICE
25117	DESKS, WOOD, UNPAINTED
20321	DESSERTS, CANNED (BABY FOOD ONLY) INCLUDING CANNED FRUITS
20240	DESSERTS, FROZEN, DAIRY
20373	DESSERTS, FROZEN, EXCEPT DAIRY
20991	DESSERTS (READY-TO-MIX); NOT FROZEN--CORNSTARCH OR GELATIN BASE
37312	DESTROYERS U. S. MILITARY SELF-PROPELLED
28423	DETERGENTS AND ABSORBENTS, SWEEPING COMPOUNDS
28411	DETERGENTS, ALKALINE, AND ACID TYPE CLEANERS, BULK
28416	DETERGENTS, SYNTHETIC, ORGANIC, BULK DRY LIQUID OR SCOURING CLEANERS
28415	DETERGENTS, SYNTHETIC, ORGANIC, HOUSEHOLD DRY, LIQUID OR SCOURING CLEANERS
28423	DETERGENTS, WATERLESS HAND CLEANERS
28921	DETONATORS FOR EXPLOSIVES INDUSTRIALS
27314	DEVOTIONAL BOOKS
28331	DEXTRAN, SYNTHETIC, BULK
20460	DEXTRIN (CORN, TAPIOCA, ETC.)
28314	DIAGNOSTIC AGENTS, BIOLOGICAL FOR HUMAN USE
38410	DIAGNOSTIC APPARATUS, MEDICAL
36611	DIAL AUTOMATIC TELEPHONE SWITCHING EQUIPMENT
35452	DIAL INDICATORS, PRECISION MEASURING TOOLS
28214	DIALLYLPHTHALATE RESINS
32912	DIAMOND ABRASIVES, ARTIFICIAL BONDED
32911	DIAMOND ABRASIVES, SYNTHETIC SIZED GRAIN
33157	DIAMOND CLOTH, FERROUS, MADE IN WIREDRAWING PLANTS
39130	DIAMOND CUTTING AND POLISHING
32912	DIAMOND WHEELS, ABRASIVE BONDED ARTIFICIAL
22112	DIAPER CLOTH BIRDSEYE (GRAY GOODS)
22113	DIAPER CLOTH, GAUZE, GRAY GOODS, MADE IN BROADWOVEN FABRIC MILLS
22110	DIAPERS, COTTON, WOVEN OR KNITTED MADE IN BROADWOVEN FABRIC MILL
23850	DIAPER COVERS, PLASTIC AND RUBBERIZED (NOT ALL RUBBER)
23990	DIAPERS, DISPOSABLE--PAPER NONWOVEN FABRIC--FROM PURCHASED MATERIAL
23990	DIAPERS, WOVEN OR KNITTED MADE FROM PURCHASED FABRIC
30697	DIAPHRAGMS, SEPARATE AND IN KITS, RUBBER (MEDICAL)
27821	DIARIES-BLANKBOOK MAKING
36930	DIATHERMY EQUIPMENT
23393	DICKIES, WOMEN'S AND MISSES'
35791	DICTATING MACHINES
35442	DIE CASTING DIES
35423	DIE CASTING MACHINES, METAL-FORMING
33699	DIE CASTINGS, NONFERROUS EXCEPT ZINC, COPPER, AND ALUMINUM
33129	DIE PRESS AND HAMMER FORGINGS, (OPEN), PRODUCED IN STEEL MILL
33919	DIE PRESS HAMMER FORGINGS, (OPEN), STEEL FORGING FROM PURCHASED MATERIAL
35441	DIE SETS, JIGS AND FIXTURES
35673	DIELECTRIC HEATING EQUIPMENT
35441	DIES AND TOOLS, SPECIAL INCLUDING DIE SETS, JIGS AND FIXTURES
39530	DIES FOR MARKING, SEALS AND METAL STAMPS
35451	DIES, THREADING, SMALL CUTTING TOOLS
35193	DIESEL ENGINES (EXCEPT FOR TRUCK AND BUSES)
37411	DIESEL-ELECTRIC LOCOMOTIVES, NEW AND REBUILT
35194	DIESEL ENGINES (FOR TRUCKS AND BUSES)
35370	DIESEL POWERED INDUSTRIAL TRUCKS AND TRACTORS
29114	DIESEL-TYPE FUEL OIL (LIGHT)
29115	DIESEL-TYPE FUEL OIL (HEAVY)
20511	DIETARY BREAD
20231	DIETARY SUPPLEMENTS, INCLUDING INFANTS (50% OR MORE MILK SOLIDS)
28345	DIETARY SUPPLEMENT LESS THAN 50% MILK BY WEIGHT
20730	DIETETIC CHEWING GUM
20331	DIETETIC FRUITS
20334	DIETETIC FRUIT JUICES
20338	DIETETIC JAMS, JELLIES, AND PRESERVES
20860	DIETETIC SOFT DRINKS BOTTLED AND CANNED, CARBONATED OR STILL
20993	DIETETIC SWEETENING SIRUPS AND MOLASSES
28182	DIETHYLENE GLYCOL
28345	DIGESTIVE SYSTEM PREPARATIONS
35319	DIGGERS, POST-HOLE, TRACTOR-MOUNTING
28343	DIGTALIS PREPARATIONS, PHARMACEUTICAL, FOR HUMAN USE
20961	DI-GLYCERIDES (SHORTENING AND COOKING OILS), VEGETABLE AND ANIMAL
28331	DIHYDROSTREPTOMYCIN, SYNTHETIC BULK
28214	DIISOCYANOTE RESINS

Code	Product
22115	DIMITIES, FINE COTTON, DOBBY AND BOX (GRAY GOODS), BROADWOVEN
25141	DINETTE TABLES, AND CHAIRS, METAL
37323	DINGHIES, BOAT
25141	DINING ROOM CHAIRS AND TABLES, METAL
25113	DINING ROOM FURNITURE, WOOD, FINISHED AND PAINTED
25112	DINING ROOM FURNITURE, WOOD, PAINTED OR FINISHED, EXCEPT UPHOLSTERED AND CHILDREEN
20373	DINNERS, FROZEN
30797	DINNERWARE, PLASTICS
32620	DINNERWARE, VITREOUS CHINA
36743	DIODES, SEMICONDUCTORS, SILICON AND GERMANIUM TYPES
27515	DIRECT MAIL ADVERTISING, PRINTED BY LETTERPRESS
27517	DIRECTORIES PRINTING BY GRAVURE
27523	DIRECTORIES PRINTED BY LITHOGRAPHIC
27513	DIRECTORIES PRINTING BY LETTERPRESS
27411	DIRECTORIES, PUBLISHING OF
19410	DIRECTORS, ANTIAIRCRAFT, NAVAL, TORPEDO -- NOT MADE IN OPTICAL PLANT
23929	DISH TOWELS, COTTON, MADE FROM PURCHASED FABRIC
22119	DISH TOWELS, COTTON, MADE IN BROADWOVEN FABRIC MILLS
22114	DISHCLOTH FABRICS, COTTON (GRAY GOODS)
22590	DISHCLOTHS, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
26543	DISHES, PAPER, STAMPED
26462	DISHES, PRESSED AND MOLDED PULP
24995	DISHES, WOODEN
35892	DISHWASHERS, COMMERICAL
28411	DISHWASHING COMPOUNDS, MACHINE LIQUID OR SOLID, BULK
36393	DISHWASHING MACHINES, HOUSEHOLD
28790	DISINFECTANTS FOR AGRICULTURE
28423	DISINFECTANTS, OTHER THAN AGRICULTURAL
24994	DISKS, CORK
27525	DISPLAY ADVERTISING, LITHOGRAPHIC PROCESS
27515	DISPLAY ADVERTISING, PRINTED BY LETTERPRESS
27519	DISPLAY ADVERTISING, SCREEN PROCESS PRINTING
25420	DISPLAY CASES, METAL, OFFICE AND STORE, EXCEPT REFRIGERATED
35853	DISPLAY CASES, REFRIGERATED, FOOD
25410	DISPLAY CASES, WOOD, OFFICE AND STORE, EXCEPT REFRIGERATED
35892	DISPOSERS, FOOD WASTE, COMMERCIAL
36393	DISPOSERS, WASTE FOOD, HOUSEHOLD
29114	DISTILLATE FUEL OIL
20851	DISTILLED LIQUORS, EXCEPT BRANDY
20851	DISTILLERS' DRIED GRAINS DARK AND LIGHT
20851	DISTILLERS' DRIED SOLUBLES
36131	DISTRIBUTION CUTOUTS
36133	DISTRIBUTION SWITCHBOARDS, 750 VOLTS AND UNDER
36122	DISTRIBUTION TRANSFORMERS
36945	DISTRIBUTORS FOR INTERNAL COMBUSTION ENGINES
36946	DISTRIBUTOR HEADS AND ROTORS, ENGINE ELECTRICAL EQUIPMENT
35319	DITCHERS AND TRENCHERS, DRAWN, EXCEPT MOTOR
35319	DITCHERS AND TRENCHERS, SELF PROPELLED
20423	DOG AND CAT FOOD, CANNED, DRY OR SEMIMOIST
31990	DOG COLLARS, LEATHER
20423	DOG FOOD, BISCUIT, PELLETS, MEAL
20423	DOG FOOD, CANNED
26495	DOILIES, PAPER
22920	DOILIES, TABLE AND DRESSES, LACE
23920	DOILIES, TABLE, EXCEPT LACE, MADE FROM PURCHASED FABRIC
39410	DOLL CARRIAGES AND DOLL CARTS
39420	DOLL CLOTHES AND ACCESSORIES
39410	DOLL HOUSES AND FURNITURE
39420	DOLL PARTS
35370	DOLLIES, HANDTRUCKS
39420	DOLLS, AND STUFFED TOY ANIMALS, INCLUDING PARTS FOR SUCH ITEMS
32740	DOLOMITE, DEAD-BURNED
36312	DOMESTIC COOKING APPLIANCES EXCEPT ELECTRIC
35613	DOMESTIC HAND AND WINDMILL PUMPS
34334	DOMESTIC HEATING STOVES
35613	DOMESTIC WATER SYSTEMS AND PUMPS, INCLUDING PUMP JACKS AND CYLINDERS
36121	DOORBELL TRANSFORMERS
34294	DOOR BOLTS
34294	DOOR CLOSERS AND CHECKING DEVICES
24313	DOOR FRAMES, WOOD SHIPPED IN DOOR UNITS--MILLWORK PLANT PRODUCT
34294	DOOR LOCKS, LOCKSETS AND LOCK TRIM
34421	DOORS AND FRAMES (EXCEPT STORM) ALUMINUM INDUSTRIAL AND RESIDENTIAL
34421	DOORS AND FRAMES, METAL EXCEPT STORM DOORS
30796	DOORS AND PARTITIONS, PLASTICS, FOR CONSTRUCTION, FOLDING ACCORDING TYPE
34421	DOORS, ELEVATOR, METAL
34421	DOORS, HANGER, IRON AND STEEL
34421	DOORS, JALOUSIE, METAL
24314	DOORS, WOOD, FLUSH TYPE, HOLLOW AND SOLID CORE, SOFTWOOD, HARDWOOD AND NONWOOD FACE, FOR INTERIOR AND EXTERIOR
24314	DOORS, WOOD, GENERAL CONSTRUCTED INTERIOR AND EXTERIOR, PANEL AND FLUSH TYPE
24314	DOORS, WOOD, GENERAL CONSTRUCTION SHIPPED IN UNITS
24314	DOORS, WOOD, PANEL TYPE, INTERIOR AND EXTERIOR, DOUGLAS FIR, WESTERN PINES AND OTHER SPECIES
24315	DOORS, WOOD, SPECIAL, INCLUDING CABINET, FRENCH, GARAGE, GRAIN, LOUVRE AND SCREEN, STORM, AND COMBINATION TOILET, ETC.
37323	DORY, BOAT
38216	DOSIMETERS
22115	DOTTED SWISS, FINE COTTON GOODS (GRAY GOODS) BROADWOVEN
35853	DOUGH RETARDERS, REFRIGERATED
20455	DOUGHNUT DRY MIXES (MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT)
20415	DOUGHNUT DRY MIXES (MADE IN FLOUR MILLS)
20517	DOUGHNUTS, CAKE-TYPE (BAKING POWDER LEAVENED)
20512	DOUGHNUTS, YEAST, RAISED
20455	DOUGHS, REFRIGERATED--MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT
20415	DOUGHS REFRIGERATED--MADE IN FLOUR MILLS
24995	DOWEL AND DOWEL PINS
35318	DOZERS, TRACTOR-MOUNTING CABLE AND HYDRAULIC
38113	DRAFTING AND SURVEYING INSTRUMENTS
35314	DRAGLINES, POWER
34443	DRAINBOARD AND TABLE TOPS, SHEET METAL, RESTAURANT, HOTEL AND KITCHEN
25410	DRAINBOARDS, PLASTIC LAMINATED
28423	DRAIN PIPE SOLVENTS AND TOILET BOWL CLEANER
32592	DRAIN TILE
32721	DRAIN TILE AND CONDUITS, CONCRETE
26461	DRAINAGE AND SEWER PIPE (MOLDED PULP OR PAPIER MACHE)
34320	DRAINS AND OVERFLOWS, BATH FIXTURES BRASS GOODS
34320	DRAINS, LAVATORY BRASS GOODS
23910	DRAPERIES, EXCEPT LACE, MADE FROM PURCHASED FABRIC INCLUDING PLASTIC AND GLASS FIBER
26495	DRAPERIES, PAPER
22219	DRAPERIES, OF MANMADE FIBER FABRICS: MADE IN BROADWOVEN FABRIC MILL
22212	DRAPERY AND UPHOLSTERY FABRIC, NYLON (GRAY GOODS), 100% FILAMENT
22116	DRAPERY FABRICS, COTTON, INCLUDING JACQUARD (GRAY GOODS)
22211	DRAPERY FABRICS, 100% FILAMENT RAYON AND/OR ACETATE (GRAY GOODS)
22541	DRAWERS, (MEN'S AND BOYS' KNIT UNDERWEAR) MADE FROM YARNS OR FABRIC KNIT IN SAME ESTABLISHMENT
23221	DRAWERS, UNDERWEAR, MEN'S AND BOYS', MADE OF WOVEN OR PURCHASED KNIT FABRIC
23412	DRAWERS, UNDERWEAR, WOMEN'S AND CHILDREN'S, MADE FROM WOVEN OR PURCHASED KNIT FABRICS
24317	DRAWERS, WOOD, FOR BUILT-IN CABINETS PER CUSTOM SPECIFICATIONS
35485	DRAWING MACHINES, METAL
39522	DRAWING TABLES AND BOARDS ARTISTS' MATERIAL
37311	DREDGES, NONPROPELLED, NEW
37313	DREDGES, SELF-PROPELLED, CIVILIAN
35319	DREDGING MACHINERY, HYDRAULIC AND OTHERS
23811	DRESS GLOVES AND MITTENS, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23850	DRESS SHIELDS, WATERPROOF, EXCEPT ALL RUBBER
23214	DRESS SHIRTS, WOVEN MEN'S, YOUTHS' AND BOYS, INCLUDING UNIFORM MADE FROM PURCHASED FABRIC
22562	DRESS, SUITING, AND SPORTSWEAR FABRIC, CIRCULAR KNIT AND FINISHED IN KNIT FABRIC MILL
24212	DRESSED LUMBER, INCLUDING CEILING, FRAMING, PARTITION, MADE IN A SAWMILL OR PLANING MILL
23920	DRESSER COVERS, MADE FROM PURCHASED FABRIC
25115	DRESSERS AND DRESSING TABLES, WOODEN, PAINTED OR FINISHED
22533	DRESSES AND SUITS, KNIT, FROM YARN OR FABRIC KNIT IN THE SAME ESTABLISHMENT
23619	DRESSES, GIRLS', CHILDREN'S, AND INFANTS', (RECEIPTS FOR CONTRACT WORK)
23610	DRESSES, GIRLS', CHILDREN'S AND INFANTS' SIZES 0 TO 16
23359	DRESSES, WOMEN'S, MISSES', AND JUNIORS' (CONTRACT AND COMMISSION RECEIPTS)
23352	DRESSES, WOMEN'S, MISSES', AND JUNIORS', SOLD AT A DOZEN-PRICE
23351	DRESSES, WOMEN'S, MISSES', AND JUNIORS', SOLD AT A UNIT-PRICE
23840	DRESSING GOWNS, EXCEPT CHILDREN'S
25117	DRESSING TABLES, WOOD, UNPAINTED
20354	DRESSINGS, SALAD
20942	DRIED BLOOD, FERTILIZER
35324	DRILLBITS, PERCUSSION ROCK
35332	DRILLING MACHINES AND EQUIPMENT FOR OILFIELDS AND GASFIELDS INCLUDING CEMENTING, FLOATING, GUIDING, AND SHOE EQUIPMENT
35532	DRILLING MACHINES, WOODWORKING, FOR HOME WORKSHOPS, GARAGES, AND SERVICE SHOPS
35418	DRILLING MACHINES, METAL-CUTTING TYPE FOR HOME WORKSHOP, GARAGES, ETC.
35412	DRILLING MACHINES, METAL-CUTTING TYPE
35334	DRILLING RIGS, PORTABLE, FOR OIL AND GAS OR WATER WELLS
35451	DRILLS AND BITS, SMALL HANDTOOLS
35324	DRILLS, CORE, FOR MINING AND CONSTRUCTION
38430	DRILLS, DENTAL
34232	DRILLS, EDGE TOOL, HAND OPERATED
35482	DRILLS, ELECTRIC AND PNEUMATIC, HAND
35324	DRILLS, MINING AND CONSTRUCTION, EXCEPT OILFIELD AND GASFIELD, WATER WELLS, AND BLAST HOLE PORTABLE DRILLING RIGS
35324	DRILLS, ROCK, FOR MINING AND CONSTRUCTION
22112	DRILLS, SHEETING YARN (COTTON) (GREY GOODS)
35319	DRILLS, WATER WELL AND BLAST HOLE
34310	DRINKING FOUNTAINS, ENAMELED IRON
32610	DRINKING FOUNTAINS, VITREOUS CHINA, AND GLAZED EARTHENWARE
32291	DRINKING STRAWS, MADE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	DRINKING STRAWS, MADE OF PURCHASED GLASS
35853	DRINKING WATER COOLER, MECHANICAL REFRIGERATED
20860	DRINKS, SOFT, CANNED AND BOTTLED--DIETETIC OR NONDIETETIC
35662	DRIVES, INDUSTRIAL, HIGH SPEED, FIXED RATIO EXCEPT AUTO AND AIRCRAFT
35441	DROP-FORGING DIES
30697	DRUGGIST GOODS OF RUBBER
28332	DRUGS OF ANIMAL ORIGIN IN BULK, INCLUDING DRIED GLANDS, ORGANS, TISSUE AND EXTRACTIONS FROM ANIMALS
26551	DRUMS, PAPERBOARD AND FIBER
30794	DRUMS, PLASTICS, (PACKAGING AND SHIPPING CONTAINERS)
24430	DRUMS, PLYWOOD
34912	DRUMS, STEEL, SHIPPING EXCEPT BEER BARRELS
39314	DRUMS, TRAPS (DRUMMERS) PARTS AND ACCESSORIES MUSICAL INSTRUMENTS
35820	DRYCLEANING MACHINERY AND EQUIPMENT, COMMERCIAL
28423	DRYCLEANING PREPARATIONS LIQUID
35820	DRYCLEANING PRESSES, TAILOR TYPE
35511	DRY MILK PROCESSING MACHINERY AND EQUIPMENT
20231	DRY MILK PRODUCTS
32722	DRY-MIXED CONCRETE MATERIAL (PREPARED SAND, GRAVEL AND CEMENT MIXTURES)
36343	DRYERS, HAND AND FACE, ELECTRIC (EXCEPT PARTS AND ATTACHMENTS)
35820	DRYERS AND DRYING TUMBLERS, COMMERCIAL LAUNDRIES
36331	DRYERS, HOUSEHOLD
33157	DRYING BELTS, FERROUS, MADE IN WIREDRAWING PLANTS
33157	DRYING BELTS OF WOVEN WIRE OR WOVEN WIRE CLOTH FERROUS, MADE IN WIRE-DRAWING PLANT
34814	DRYING BELTS OF WOVEN WIRE OR WOVEN WIRE CLOTH, FERROUS NOT PRODUCED BY WIREDRAWERS
22111	DUCK, COTTON, ALLIED FABRICS, (GRAY GOODS, INCLUDING COMBED DUCK)
20155	DUCKS, DRESSED, AND PACKED
34336	DUCT FURNACES
36136	DUCT, INCLUDING PLUG-IN UNITS AND ACCESSORIES, 750 VOLTS AND UNDER
34443	DUCTS AIR-CONDITIONING, FURNACE, VENTILATION, SHEET METAL
35340	DUMBWAITERS--ELEVATOR
23393	DUNGAREES AND JEANS, WOMEN'S, MISSES', AND JUNIORS'
23690	DUNGAREES, GIRLS', CHILDREN'S, AND INFANTS' MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23282	DUNGAREES, MEN'S AND BOYS' WORK CLOTHING

Code	Product
24218	DUNNAGE,SAWMILL AND PLANING MILL PRODUCTS
35791	DUPLICATING MACHINES
26216	DUPLICATOR PAPER
20411	DURUM FLOUR
35642	DUST COLLECTION AND AIR PURIFICATION EQUIPMENT
30798	DUST PANS, PLASTICS
23920	DUSTERS AND DUSTING CLOTHS (EXCEPT OIL TREATED) MADE FROM PURCHASED FABRIC
35228	DUSTERS AND SPRAYERS INCLUDING ATTACHMENTS
23840	DUSTERS (APPAREL)
39620	DUSTERS, FEATHERS
35222	DUSTERS, SPRAYERS, AND ATTACHMENTS, FARM MACHINERY
34492	DWELLINGS, METAL PREFABRICATED COMPLETE UNITS
24332	DWELLINGS, WOOD, PREFABRICATED, SOLD AS COMPLETE UNITS, INCLUDING THOSE SHIPPED IN SECTIONS OR PANELS
24332	DWELLINGS, WOOD, READY CUT, COMPLETE UNITS TO BE ASSEMBLED ELSEWHERE
22628	DYED AND FINISHED (PLAIN)--MANMADE FIBER OR SILK BROADWOVEN FABRIC
22218	DYED AND FINISHED (PLAIN) MANMADE FIBER AND SILK, MADE IN BROAD-WOVEN FABRIC MILL
22117	DYED, PLAIN, COTTON MADE IN BROADWOVEN FABRIC MILL
22812	DYED YARN, COMBED COTTON, FINISHED IN YARN SPINNING MILLS
22814	DYED YARN EXCEPT KNIT OR WOOL GREY OR FINISHED IN YARN SPINNING MILL
22690	DYED YARNS, EXCEPT KNIT OR WOOL (YARN PURCHASED ELSEWHERE)
22569	DYEING KNIT FABRICS, COMMISSION RECEIPTS--PRODUCED IN A KNIT FABRIC MILL
22539	DYEING KNIT OUTERWEAR PRODUCTS (COMMISSION AND CONTRACT RECEIPTS)
35521	DYEING MACHINERY, TEXTILE
22619	DYEING (PLAIN) COTTON BROADWOVEN FABRICS, FOR COMMISSION CONTRACT, ETC.
22617	DYED (PLAIN) COTTON FROM BROADWOVEN PURCHASED FABRICS
22629	DYING (PLAIN) OF MANMADE FIBER AND SILK BROADWOVEN FABRICS ON A COMMISSION (CONTRACT, ETC.) BASIS
28152	DYES, CYCLIC, SYNTHETIC ORGANIC
28993	DYES, HOUSEHOLD
28152	DYES, SYNTHETIC ORGANIC
28612	DYESTUFFS, NATURAL, FROM WOOD PRODUCTS
36215	DYNAMOTORS (EXCEPT PARTS AND SUPPLIES)
39111	EARRINGS, PINS, CLIPS, BROACHES OF PLATINUM AND CARAT GOLD
39112	EARRINGS, PINS, CLIPS, BROACHES OF PRECIOUS METALS, EXCEPT PLATINUM AND CARAT GOLD
32690	EARTHENWARE, RED UNGLAZED
32630	EARTHENWARE, WHITEWARE, TABLE AND KITCHEN ARTICLES
27526	EASTER AND CHRISTMAS SEALS PRINTED BY LITHOGRAPHIC
27516	EASTER SEALS PRINTED BY LETTERPRESS
34441	EAVE TROUGHS, ROOF DRAINAGE EQUIPMENT
20515	ECLAIRES, PASTRIES NOT FROZEN
34232	EDGE TOOLS, HAND OPERATED
22920	EDGINGS, INSERTIONS, GALLOONS, FLOUNCINGS AND ALLOVER LEAVERS LACE MACHINE PRODUCTS
22920	EDGINGS, LACE
27891	EDITION BOOKBINDING, INCLUDING TRADE, TEXT, REFERENCE BOOKS AND OTHERS (HARDBOUND)
26462	EGG CARTONS, PRESSED AND MOLDED PULP
24411	EGG CASES - WOODEN BOXES
20264	EGGNOG, PACKAGED IN THIS PLANT
20156	EGGS, LIQUID, DRIED, AND FROZEN
22116	ELASTIC COTTON FABRICS, BROADWOVEN (GRAY GOODS)
22414	ELASTIC BRAIDED FABRICS
22562	ELASTIC FABRICS, FINISHED, CIRCULAR KNIT IN KNIT FABRIC MILL
22533	ELASTIC FABRIC SWIMWEAR, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
38421	ELASTIC STOCKINGS, BRACES, SUSPENSORIES, AND ELASTIC SUPPORTS
22411	ELASTIC WOVEN NARROW FABRICS
28220	ELASTOMERS VULCANIZABLE SYNTHETIC RUBBER
26219	ELECTRIAL INSULATION PAPER AND PAPERBOARD, INCLUDING ARMATURE, SPECIAL INDUSTRIAL
36343	ELECTRIC BLANKETS
22114	ELECTRIC BLANKET SHELL FABRICS, GRAY GOODS, MADE IN COTTON BROAD-WOVEN FABRIC MILLS
22217	ELECTRIC BLANKET SHELLS, WHOLLY OR CHIEFLY SPUN ACRYLIC AND MODACRYLIC, 100% SPUN YARN FABRIC, MADE IN BROADWOVEN FABRIC MILLS
36343	ELECTRIC BLANKETS, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS FOR SUCH ITEMS)
36344	ELECTRIC CONTROLS FOR SMALL HOUSEHOLD ELECTRICAL APPLIANCES
36341	ELECTRIC FANS (EXCEPT INDUSTRIAL TYPE)
36992	ELECTRIC GONGS, CHIMES AND BELLS
35671	ELECTRIC INDUSTRIAL OVEN INCLUDING INFRARED (EXCEPT PARTS, ATTACHMENTS, AND COMPONENTS)
35671	ELECTRIC INDUSTRIAL FURNACES, METAL PROCESSING (EXCEPT PARTS, ATTACHMENTS, AND COMPONENTS)
22411	ELECTRIC INSULATING TAPES, WOVEN
36992	ELECTRIC LAMP BULB BASES AND COMPONENTS
36410	ELECTRIC LAMP BULBS, INCLUDING SEALED BEAM LAMPS
32292	ELECTRIC-LIGHT BULB BLANKS - FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
36421	ELECTRIC LIGHTING FIXTURES RESIDENTIAL, EXCEPT PORTABLE (EXCEPT BULBS) (EXCEPT PARTS AND ACCESSORIES)
35370	ELECTRIC TRUCKS AND TRACTORS, INDUSTRIAL
36992	ELECTRIC WARM AIR FURNACES
38424	ELECTRICAL AND ELECTRONIC HEARING AIDS
36344	ELECTRICAL APPLIANCES, SMALL HOUSEHOLD,PARTS AND ATTACHMENTS ONLY
36442	ELECTRICAL METALLIC TUBING
32640	ELECTRICAL SUPPLY PRODUCTS OF PORCELAIN, STEATITE, CERAMIC
32292	ELECTRICAL TUBING (INCLUDING FLUORESCENT AND NEON) FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
36930	ELECTROCARDIOGRAPH
36930	ELECTROENCEPHALOGRAPHS
36930	ELECTROTHERAPEUTIC APPARATUS
36240	ELECTRODES, CARBON AND GRAPHITE, FOR ELECTRIC FURNACES AND ELECTROLYTIC CELL USE
36240	ELECTRODES, CARBON AND GRAPHITE FOR WELDING, BATTERIES, PLUGS, PLATES, RODS AND POWER TUBES
36232	ELECTRODES FOR SUBMERGED ARC WELDING
36232	ELECTRODES - METAL - ARC WELDING ALLOY STEEL, COIL, HARD SURFACING AND NONFERROUS
36930	ELECTROMEDICAL APPARATUS
33121	ELECTROMETALLURGICAL PRODUCTS, MADE IN BLAST FURNACES
36710	ELECTRON TUBES, RECEIVING TYPES, EXCEPT CATHODE RAY
36730	ELECTRON TUBES - TRANSMITTING INDUSTRIAL AND SPECIAL PURPOSE, EXCEPT X-RAY TUBES AND CATHODE RAY PICTURE TUBES
38424	ELECTRONIC AND ELECTRICAL HEARING AIDS
36792	ELECTRONIC APPLICATION CAPACITORS AND CONDENSERS
36625	ELECTRONIC CHECKOUT, MONITORING, EVALUATION AND OTHER ELECTRONIC SUPPORT EQUIPMENT FOR RADAR SYSTEMS
35731	ELECTRONIC COMPUTING EQUIPMENT, EXCLUDING TYPEWRITERS, EXCEPT PARTS AND ATTACHMENTS
36795	ELECTRONIC DEVICES AND TUBES - PARTS AND ACCESSORIES ONLY (EXCEPT GLASS BLANKS)
32292	ELECTRONIC GLASSWARE FROM GLASS PRODUCED IN THIS ESTABLISHMENT
32316	ELECTRONIC GLASSWARE, FROM PURCHASED MATERIALS
35891	ELECTRONIC STOVES AND OVENS, COMMERICAL, INCLUDING PARTS AND ACCESSORIES
36311	ELECTRONIC STOVES AND OVENS, HOUSEHOLD
36626	ELECTRONIC TEACHING MACHINES AND TEACHING AIDS
35595	ELECTRONIC TUBE MAKING MACHINERY
36795	ELECTRONIC TUBE PARTS (INCLUDING TELEVISION)
36626	ELECTRONIC WARFARE SYSTEMS AND EQUIPMENT
33574	ELECTRONIC WIRE (COMMUNICATION)
35641	ELECTROSTATIC PRECIPITATION EQUIPMENT
34710	ELECTROPLATING, PLATING, POLISHING
35552	ELECTROTYPING MACHINERY AND EQUIPMENT
27940	ELECTROTYPING, STEREOTYPING AND MATRIX PLATES FOR LETTERPRESS
27311	ELEMENTARY TEXT BOOKS, PRINTING AND PUBLISHING
35222	ELEVATORS AND BLOWERS, FARM MACHINERY, AND ATTACHMENTS
35340	ELEVATORS AND MOVING STAIRWAYS, EXCEPT FARM AND PORTABLE
35228	ELEVATORS, FARM
35370	ELEVATORS, PORTABLE, STACKERS EXCEPT FARM
35331	ELEVATORS, SPIDERS, SLIPS, HOOKS, LINKS, AND CONNECTORS, OILFIELD AND GAS FIELD DRILLING MACHINERY AND EQUIPMENT
39943	EMBALMING CHEMICALS
23990	EMBLEMS, FROM PURCHASED FABRIC
23959	EMBROIDERING, (EXCEPT SCHIFFLI-MACHINE) ON MATERIALS OWNED BY OTHERS (COMMISSION RECEIPTS)
23951	EMBROIDERIES (EXCEPT SCHIFFLI-MACHINE PRODUCTS)
23970	EMBROIDERIES, SCHIFFLI-MACHINE
35521	EMBROIDERY MACHINES, TEXTILE
34294	EMERGENCY EXIT DEVICES (ANTIPANIC DEVICES)
28430	EMULSIFIERS
20871	EMULSIONS, FLAVORING EXTRACTS, NATURAL, TRUE OR IMITATION
28511	ENAMEL PAINTS, TRADE SALE PRODUCTS
28993	ENAMEL, VITREOUS, FRIT
22953	ENAMELED FABRICS
34790	ENAMELING OF METAL
28513	ENAMELS, OIL-TYPE INTERIOR TRADE SALES
38211	ENGINE INSTURUENT, AIRCRAFT, EXCEPT FLIGHT
37222	ENGINES, AIRCRAFT, EXCEPT U.S. MILITARY CUSTOMERS
37221	ENGINES, AIRCRAFT, FOR U.S. MILITARY CUSTOMERS
37225	ENGINES AND/OR PROPULSION UNITS FOR COMPLETE MISSILES OR SPACE VEHICLES
37143	ENGINES AND OTHER MOTOR VEHICLE PARTS (EXCEPT CARBORATORS) - REBUILT ONLY
37226	ENGINES AND/OR PROPULSION UNITS FOR MISSILE OR SPACE VEHICLES, RESEARCH AND DEVELOPMENT RECEIPTS
37227	ENGINES AND/OR PROPULSION UNITS FOR MISSILE OR SPACE VEHICLES, SERVICES FOR, EXCEPT RESEARCH AND DEVELOPMENT
37141	ENGINES, AUTOMOBILE, GASOLINE
35193	ENGINES, DIESEL (EXCEPT FOR TRUCK AND BUSES)
35197	ENGINES, DUAL-FUEL, TANK AND CONVERTED
35194	ENGINES (FOR TRUCKS AND BUSES)
35196	ENGINES, GAS, EXCEPT GAS TURBINES
35191	ENGINES, GASOLINE, UNDER 11 HORSEPOWER EXCEPT AIRCRAFT, AUTO, TRUCK, BUS, AND TANK
35192	ENGINES, GASOLINE, 11 HORSEPOWER AND OVER, EXCEPT AIRCRAFT, AUTOMOBILE, TRUCK, BUS, AND TANK
35112	ENGINES, STEAM, AND PARTS
35552	ENGRAVERS MATERIALS AND EQUIPMENT
34790	ENGRAVING, COATING OF METAL
27530	ENGRAVING FOR COMMERCIAL, SOCIAL AND SECURITY, EXCEPT PHOTOENGRAVING
38611	ENLARGERS, FILM
24318	ENTRANCES, WOOD, EXTERIOR, ARCHITECTURAL
35540	ENVELOPE MAKING MACHINES
35791	ENVELOPE STUFFING, SEALING AND ADDRESSING MACHINES
26420	ENVELOPES, ALL TYPES, SIZES, AND MATERIALS, FOR ALL USES, SUCH AS MAILING, PACKAGING, BUSINESS SYSTEM NONMAILING, EXCEPT STATIONERY ENVELOPES, PORTFOLIOS AND UNDER ARM CASES, ETC.
26491	ENVELOPES AND PAPER, PACKAGED STATIONERY
26491	ENVELOPES, STATIONERY PACKAGED
31610	ENVELOPES - UNDERARM CASES AND PORTFOLIOS
28181	ENZYMES
28214	EPOXY RESINS
28199	EPSOM SALTS
19110	EQUIPMENT FOR HEAVY WEAPONS OVER 30 MM. (OR OVER 1.18 INCHES)
35340	ESCALATORS
37312	ESCORT VESSELS, U.S. MILITARY NEW
28993	ESSENTIAL OILS, SUCH AS CITRUS OILS, PEPPERMINT OILS, ETC.
28183	ESTERS OF PHOSPHORIC ACID
28341	ESTROGENS, SUCH AS ESTRADIOL AND ESTRONE
28331	ESTROGENS, SYNTHETIC, BULK
28182	ETHER, ETHYL, ETHYLENE GLYCOL, DIETHYLENE GLYCOL
28182	ETHYL ACETATE, ACYCLIC
29185	ETHYL ALCHOL
28182	ETHYL ETHER
28182	ETHYLENE GLYCOL ALCOHOLS
28182	ETHYLENE GLYCOL ETHER
20232	EVAPORATED MILK, CANNED
20233	EVAPORATED MILK, SHIPPED IN BULK, (BARRELS, DRUMS, TANKS)
35857	EVAPORATIVE AIR COOLERS
35851	EVAPORATIVE CONDENSERS (HEAT TRANSFER EQUIPMENT)
35319	EXCAVATION MACHINERY
24290	EXCELSIOR, WOOD, INCLUDING BALED, BULK, PADS, AND WRAPPERS,MADE IN A SAWMILL
24290	EXCELSIOR WRAPPERS A SAWMILL PRODUCT
32950	EXFOLIATED VERMICULITE
35641	EXHAUST AND VENTILATING FANS AND PARTS, INDUSTRIAL
24994	EXPANSION JOINT MATERIAL, CORK
34336	EXPANSION TANKS, INCLUDING BASEMENT TANKS

Code	Product
26112	EXPLODED WOODPULP
28921	EXPLOSIVES, INDUSTRIAL
28922	EXPLOSIVES PRODUCED IN GOVERNMENT OWNED CONTRACTOR PLANTS
24995	EXTENSION PLANKS, WOODEN
28511	EXTERIOR OIL-TYPE PAINTS TRADE SALE
28512	EXTERIOR WATER-TYPE PAINT, TRADE SALE
28421	EXTERMINANTS, INDUSTRIAL AND HOUSEHOLD
39991	EXTINGUISHERS, FIRE, CHEMICAL, PRESSURIZED WATER, ETC.
20820	EXTRACT, MALT, LIQUORS, AND BREWERS BYPRODUCTS
35820	EXTRACTORS, COMMERCIAL LAUNDRIES
28314	EXTRACTS, ALLERGENIC, BIOLOGICAL FOR HUMAN USE
28342	EYE AND EAR PREPARATIONS, EXCEPT ANTI-INFECTIONS, PHARMACEUTICAL FOR HUMAN USE
28445	EYE SHADOW
38511	EYEGLASSES AND SPECTACLES, OPHTHALMIC
35521	FABRIC MACHINERY, TEXTILE POWER LOOMS AND KNITTING MACHINES
28423	FABRIC SOFTENERS
22217	FABRIC SPECIALTIES OF 100% SPUN YARN AND BLENDS CHIEFLY MANMADE FIBERS, GRAY GOODS, MADE IN BROADWOVEN FABRIC MILLS
22960	FABRIC, TIRE AND TIRE CORD, COTTON OR MANMADE FIBER
24331	FABRICATED FRAMING AND STRUCTURAL MEMBERS OF GLUED LAMINATED OR SAWN LUMBER OR BOTH IN COMBINATION
24262	FABRICATED INDUSTRIAL PARTS, HARDWOOD DIMENSION STOCK
34980	FABRICATED PIPE AND FITTINGS MADE FROM PURCHASED PIPE
34432	FABRICATED STEEL PLATE
34413	FABRICATED STRUCTURAL IRON AND STEEL FOR PUBLIC UTILITIES, SHIPS, TRANSMISSION TOWERS
34412	FABRICATED STRUCTURAL METAL (IRON, STEEL, ALUMINUM) FOR BRIDGES ONLY
34411	FABRICATED STRUCTURAL METAL (IRON, STEEL, OR ALUMINUM) FOR BUILDINGS ONLY
22414	FABRICS, BRAIDED, INCLUDING ELASTIC
22562	FABRICS, CIRCULAR KNIT AND FINISHED IN A KNIT FABRIC MILL
22953	FABRICS, ENAMELED
22953	FABRICS, INSULATING, VARNISHED
22953	FABRICS, LAMINATED
22411	FABRICS, NARROW WOVEN
22951	FABRICS, PYROXYLIN-COATED-ON A TEXTILE BASE, LIGHT AND HEAVY COTTON SHADE CLOTH AND OTHER FABRICS
22952	FABRICS, RESIN-COATED-LIGHT AND HEAVY WEIGHT-WOVEN, KNITTED AND NONWOVEN
30698	FABRICS, RUBBER COATED
22561	FABRICS, WARP KNIT AND FINISHED IN A KNIT FABRIC MILL
22953	FABRICS, WAXED
28445	FACE POWDER
38423	FACE SHIELDS, PROTECTION DEVICES
26472	FACIAL TISSUES, PAPER
26210	FACIAL TISSUE STOCK
36626	FACSIMILE EQUIPMENT, ELECTRONIC
25990	FACTORY FURNITURE
22216	FAILLES, COMBINATION FILAMENT-AND-SPUN RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
37141	FAN BELTS, VEHICLE
27611	FANFOLD BUSINESS FORMS, CONTINUOUS, MANUFACTURING OF MULTIPLE COPIES EITHER HINGED OR JOINED
35641	FANS AND BLOWERS, INDUSTRIAL
36341	FANS, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
36341	FANS, EXHAUST AND VENTILATING, FOR KITCHEN AND HOUSEHOLD (ELECTRIC) (EXCEPT PARTS AND ATTACHMENTS)
36341	FANS, WINDOW TYPE, ELECTRIC HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS FOR SUCH ITEMS)
20430	FARINA AND WHEAT BREAKFAST FOOD, COOKED BEFORE SERVING
20411	FARINA, NOT FOR CEREAL FOOD
24332	FARM BUILDINGS, WOOD, PREFABRICATED, SOLD AS COMPLETE UNITS, INCLUDING THOSE SHIPPED IN SECTIONS OR PANELS
24332	FARM BUILDINGS, WOOD, READY-CUT, COMPLETE UNITS TO BE ASSEMBLED ELSEWHERE
35222	FARM DAIRY MACHINES AND EQUIPMENT AND ATTACHMENTS
35228	FARM ELEVATORS
35222	FARM ELEVATORS AND FARM BLOWERS, AND ATTACHMENTS
35229	FARM MACHINERY PARTS SOLD SEPARATELY
27211	FARM MAGAZINES, SUBSCRIPTION AND SINGLE COPY SALES
27212	FARM PERIODICAL ADVERTISING RECEIPTS
27211	FARM PERIODICAL SUBSCRIPTIONS AND SALES RECEIPTS
34492	FARM SERVICE BUILDINGS, PREFABRICATED AND PORTABLE METAL (LIVESTOCK SHELTERS, MACHINERY STORAGE, ETC.)
34437	FARM STORAGE TANKS, METAL NONPRESSURE, STANDARD
37992	FARM, WAGONS, TRUCKS, AND OTHER FARM TRANSPORTATION EQUIPMENT AND PARTS
20263	FARMERS' CHEESE
39641	FASTENERS, EXCEPT SLIDE FASTENERS
34522	FASTENERS, INDUSTRIAL (NONSTANDARD)
34522	FASTENERS, INDUSTRIAL, SPECIAL
34521	FASTENERS, INDUSTRIAL, STANDARD
39641	FASTENERS, SLIDE, AND ZIPPERS
20210	FAT, BUTTER, ANHYDROUS
20210	FAT, MILK, ANHYDROUS
20961	FATS, EDIBLE, INCLUDING SHORTENING AND OILS FOR BAKING AND FRYING
20943	FATS, EXCEPT COOKING, ANIMAL AND MARINE, EXCEPT GREASE AND TALLOW
28992	FATTY ACIDS, PRODUCED FOR SALE AS SUCH FROM OWN OR PURCHASED MATERIALS
34320	FAUCETS FOR BATHTUB, LAUNDRY TRAY SINKS, ETC., BRASS GOODS
20942	FEATHER MEAL
39620	FEATHERS, PLUMES, AND ARTIFICIAL FLOWERS
32950	FELDSPAR, GROUND
22910	FELT GOODS, EXCEPT WOVEN FELTS AND HATS
22910	FELT, PRESSED WOOL, FOR INDUSTRIAL AND OTHER USE
22910	FELT, PUNCHED OR NEEDLED, MADE FROM HAIR AND JUTE, LAMINATED WITH FOAM OR SPONGE, ETC., WOOD OR SYNTHETIC FIBER
29521	FELTS, ASPHALT AND TAR SATURATED, NONBUILDING USE
22314	FELTS, BROADWOVEN FINISHED WOOD, NONAPPAREL
22312	FELTS, BROADWOVEN WOOL (GRAY GOODS)
29523	FELTS, SATURATED WITH ASPHALT OR TAR
26612	FELTS, SATURATING AND DRY, FOR ROOFING, FLOOR COVERING, LINOLEUM, AUTOMOTIVE, PIPE COVERING AND REFRIGERATION
28345	FEMININE HYGIENE PRODUCTS
20942	FEED AND FERTILIZER BYPRODUCTS
20421	FEED, POULTRY, PREPARED COMPLETE, SUPPLEMENTS AND CONCENTRATES
20422	FEED, PREPARED, LIVESTOCK, COMPLETE, SUPPLEMENTS AND CONCENTRATES
20424	FEED SPECIALLY PREPARED FOR LABORATORY AND FUR ANIMALS, BIRDS, ETC.
20424	FEEDING MATERIALS AND ADJUNCTS, ANIMAL, OTHER THAN COMPLETE LIVESTOCK AND POULTRY FEED, AND OTHER THAN DOG AND CAT FOOD
20424	FEED FOR FUR ANIMALS (MINK, FOX, ETC.)
20424	FEED FOR LABORATORY ANIMALS (MOUSE, GUINEA PIGS, ETC.)
36293	FENCE CONTROLLERS, ELECTRICAL FOR INDUSTRIAL USE
33156	FENCE GATES, POSTS AND FITTINGS MADE IN WIREDRAWING PLANTS
34816	FENCE GATES, POSTS AND FITTINGS NOT PRODUCED BY WIREDRAWERS
24995	FENCE, SNOW, WOODEN, COMPLETE
34460	FENCES AND GATES, METAL EXCEPT WIRE
33156	FENCING AND FENCE GATES MADE IN WIREDRAWING PLANTS, STEEL WIRE
34816	FENCING AND FENCE GATES, NOT PRODUCED BY WIREDRAWERS
33156	FENCING, CHAIN LINK MADE IN WIREDRAWING PLANT
34816	FENCING, CHAIN LINK, NOT PRODUCED BY WIREDRAWERS
37313	FERRIES, SELF PROPELLED, NEW NONMILITARY
35992	FERRIS WHEELS
32640	FERRITE ELECTRICAL PRODUCTS, EXCEPT FOR ELECTRONIC APPLICATIONS
33121	FERROALLOYS, MADE IN BLAST FURNACES
33134	FERROALLOYS, PRODUCED IN ELECTRIC AND OTHER FURNACES, EXCEPT BLAST FURNACES
33132	FERROCHROME NOT MADE IN BLAST FURNACE
33121	FERROMANGANESE, BLAST FURNACE PRODUCT
33131	FERROMANGANESE NOT MADE IN BLAST FURNACE
33133	FERROSILICON, NOT MADE IN BLAST FURNACE
28712	FERTILIZER COMPLETE AND INCOMPLETE PRODUCED IN SAME ESTABLISHMENT
28712	FERTILIZER MATERIALS OF ORGANIC ORIGIN PRODUCED IN SAME ESTABLISHMENT
28711	FERTILIZER OF SUPERPHOSPHATE AND OTHER PHOSPHATIC MATERIALS
28712	FERTILIZER, ORGANIC, ACTIVATED SEWAGE SLUDGE, PRODUCED IN SAME ESTABLISHMENT
28712	FERTILIZER, PROCESSED TANKAGE, ORGANIC, PRODUCED IN SAME ESTABLISHMENT
28712	FERTILIZERS, MIXED, PRODUCED FROM ONE OR MORE MATERIALS MADE IN THE SAME PLANT
28712	FERTILIZERS, MIXED, PRODUCED FROM ONE OR MORE MATERIALS PRODUCED IN THE SAME PLANT
28722	FERTILIZERS, MIXED ONLY, MADE BY PLANTS THAT DO NOT MANUFACTURE ANY INGREDIENTS
35223	FERTILIZING, SEEDING AND PLANTING MACHINERY
22991	FIBER FABRICS, BONDED (NONWOVEN TEXTILES)
22212	FIBER GLASS DRAPERY AND UPHOLSTERY FABRICS, 100% FILAMENT, GRAY GOODS
32293	FIBER GLASS, TEXTILE TYPE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
22218	FIBER OR SILK FINISHED, MANMADE, FLAMEPROOFED, MILDEWPROOFED, MERCERIZED AND EMBOSSED, MADE IN BROADWOVEN FABRIC MILL
22940	FIBER RECOVERED FROM MILL WASTE--COTTON, WOOL, MANMADE AND OTHER FIBERS
24996	FIBERBOARD, BUILDING, HARD PRESSED WOOD FIBER
26611	FIBERBOARD FORMBOARD, INSULATING
22940	FIBERS (TEXTILE) RECOVERED FROM CLIPS AND RAGS, WOOL (NEW AND USED) AND OTHER SPECIFIED KIND
35521	FIBER-TO-FABRIC TEXTILE MACHINERY
38311	FIELD GLASSES
20341	FIGS, DRIED AND DEHYDRATED
22211	FILAMENT FABRICS, 100% ACETATE AND/OR RAYON FABRICS, GRAY GOODS
34233	FILES AND ACCESSORIES
25223	FILES, METAL OFFICE, INCLUDING MECHANICAL AND NONMECHANICAL
26451	FILING ACCESSORIES, PAPER AND CARDBOARD (CARDS, FOLDERS, ETC.) DIE CUT
25223	FILING CABINETS AND CASES, VERTICAL, MECHANICAL AND NONMECHANICAL
25210	FILING CABINETS, WOOD OFFICE FURNITURE
26491	FILLER, LOOSELEAF PAPER
26451	FILLERS AND FLATS FOR EGG CASES, DIE-CUT, EXCEPT PULP
26462	FILLERS AND FLATS FOR EGG CASES, MOLDED PULP
28518	FILLERS FOR WOOD
20362	FILLET, FISH AND OTHER SEAFOOD, FRESH PACKAGED
26612	FILLS, FLEXIBLE WOOD FIBER, FOR CONSTRUCTION
38615	FILM, SHEET AND PACK, CAMERA
38615	FILM, STILL AND MOTION PICTURE, INCLUDING COLOR
26415	FILMS, LAMINATED AND COATED, EXCEPT WAXED, EXCLUDING POLYETHYLENE AND FOIL
22690	FILM, PLASTICS, PRINTED (FILM PURCHASED ELSEWHERE)
30791	FILM, PLASTICS UNSUPPORTED FROM PURCHASED RESINS
28211	FILM PLASTICS UNSUPPORTED PRODUCED FROM RESINS MADE IN THIS PLANT
35690	FILTER AND STRAINERS, INDUSTRIAL MACHINERY
22111	FILTER CLOTH MADE OF COTTON FABRIC (GRAY GOODS)
26219	FILTER PAPER
27822	FILLERS AND FORMS FOR LOOSE-LEAF BINDERS (PEN RULED OR PRINTED ONLY)
28231	FILTERS, CIGARETTE, OF CELLULOSIC MANMADE FIBERS
27524	FINANCIAL AND LEGAL PRINTING BY LITHOGRAPHIC
27514	FINANCIAL PRINTING BY LETTERPRESS
23961	FINDINGS, APPAREL, MEN'S AND BOYS'
23963	FINDINGS AND TRIMMINGS, APPAREL, WOMEN'S AND CHILDREN'S
31310	FINDINGS, BOOT AND SHOE
23961	FINDINGS, COAT, SUIT AND TROUSERS (MEN'S AND BOYS')
26216	FINE PAPER, INCLUDING THIN PAPER
22617	FINISHING OF BROADWOVEN COTTON FABRIC FROM PURCHASED MATERIAL
22313	FINISHED BROADWOVEN WOOL APPAREL FABRICS
22314	FINISHED BROADWOVEN WOOL, NONAPPAREL FABRICS AND FELTS
31112	FINISHED CALF AND WHOLE KIP LEATHERS
31111	FINISHED CATTLE HIDE AND KIP SIDE LEATHERS
22562	FINISHED CIRCULAR KNIT FABRICS FINISHED IN A KNIT FABRIC MILL
22117	FINISHING OF COTTON FABRICS, MADE IN BROADWOVEN FABRIC MILLS
22511	FINISHED, FULL-FASHIONED STOCKINGS, NYLON AND OTHER MIXTURES FOR WOMEN AND MISSES
22523	FINISHED HOSIERY FOR INFANTS, ALL TYPES
22628	FINISHED MANMADE FIBER AND SILK BROADWOVEN FROM PURCHASED FABRICS
22218	FINISHED MANMADE FIBER AND SILK GOODS, MADE IN BROADWOVEN FABRIC MILLS
22690	FINISHED NARROW FABRICS, EXCEPT KNIT AND WOOL (PURCHASED FABRIC)
22523	FINISHED SEAMLESS HOSIERY FOR BOYS, SLACKS AND KNEE-LENGTH SOCKS, ATHLETIC AND CREW SOCKS, MADE OF COTTON AND OTHER YARNS AND MIXTURES
22522	FINISHED SEAMLESS HOSIERY FOR MEN, HALF-HOSE, SLACK-HOSE, ATHLETIC AND CREW SOCKS, MADE OF NYLON, COTTON, WOOL, OTHER YARNS AND MIXTURES
22523	FINISHED SEAMLESS HOSIERY FOR MISSES AND CHILDREN, INCLUDING ANKLETS, ATHLETIC, CREW AND KNEE-LENGTH SOCKS

Code	Product
22513	FINISHED SEAMLESS STOCKINGS FOR WOMEN AND MISSES, ALL NYLON AND NYLON LEGS, FULL- OR KNEE-LENGTH, STRETCH AND NONSTRETCH
31113	FINISHED SHEEP AND LAMB LEATHER
22218	FINISHED SILK GOODS, MADE IN BROADWOVEN FABRIC MILLS
28430	FINISHES, TEXTILES AND LEATHER
22561	FINISHED WARP KNIT FABRICS, A KNIT FABRIC MILL PRODUCT
22831	FINISHED WOOL YARN, EXCEPT CARPET, INCLUDING NEW, REUSED, AND REPROCESSED WOOL, A YARN MILL PRODUCT
22311	FINISHED WOOL YARN, TOPS OR RAW STOCKS, NOT COMBED OR SPUN AT SAME ESTABLISHMENT, MADE IN BROADWOVEN FABRIC MILLS
22812	FINISHED YARNS, COMBED COTTON (FINISHED IN YARN SPINNING MILLS)
22813	FINISHED YARNS, SPUN, RAYON AND/OR ACETATE, (FINISHED IN YARN SPINNING MILLS)
22690	FINISHED YARN (YARN PURCHASED ELSEWHERE), EXCEPT WOOL
28516	FINISHES AND COATINGS RESISTANT TO CHEMICALS, FUMES, FUNGI, EXTREME TEMPERATURES, INTERIOR AND EXTERIOR
28516	FINISHES, FOR INDUSTRIAL PRODUCTS, EXCEPT LACQUERS
28516	FINISHES FOR METAL DECORATING, INDUSTRIAL
28516	FINISHES FOR WOOD AND METAL FURNITURE AND FIXTURES, INDUSTRIAL
22619	FINISHING OF COTTON BROADWOVEN FABRICS ON A COMMISSION (CONTRACT, ETC.) BASIS
22629	FINISHING OF MANMADE FIBER AND SILK BROADWOVEN FABRICS ON A COMMISSION (CONTRACT, ETC.) BASIS
22315	FINISHING OR SPONGING OF WOOL FABRICS, (COMMISSION RECEIPTS)
19512	FIREARMS, SMALL, 30 MM.(OR 1.18 INCHES) AND UNDER
37313	FIREBOATS, SELF-PROPELLED NONMILITARY
32550	FIRE CLAY BRICKS AND SHAPES, REFRACTORIES
32950	FIRE CLAY, GROUND, CRUDE, INCLUDING HIGH ALUMINA CLAY AND SILICA FIRE CLAY
19410	FIRE CONTROL AND SIGHTING EQUIPMENT MADE FROM PURCHASED LENSES
36625	FIRE CONTROL EQUIPMENT, EXCEPT OPTICAL SYSTEMS
38312	FIRE CONTROL EQUIPMENT MILITARY, MADE IN OPTICAL PLANTS
37113	FIRE DEPARTMENT VEHICLES, CHASSIS OF OWN MANUFACTURE
37130	FIRE DEPARTMENT VEHICLES, COMPLETE, PRODUCED ON PURCHASED CHASSIS
38216	FIRE DETECTING DEVICES
39991	FIRE EXTINQUISHING EQUIPMENT AND PARTS, CHEMICAL AND OTHERS
34460	FIRE ESCAPES, METAL
34943	FIRE HYDRANTS, IRON
34295	FIREPLACE FIXTURE AND EQUIPMENT, INCLUDING DAMPERS, IRONS, AND FIRE SCREENS
34336	FIREPLACE HEATERS, (CIRCULATING)
28993	FIREWORKS AND PYROTECHNICS
24450	FIRKINS, WOODEN, SLACK AND TIGHT COOPERAGE
38423	FIRST AID KITS, SNAKE BIT AND BURN KITS
20943	FISH, ANIMAL AND OTHER MARINE OIL
20310	FISH CAKES, CANNED, EXCEPT FROZEN
20310	FISH, CURED
20362	FISH, FRESH, PACKAGED
20361	FISH, FROZEN (PACKAGED)
39491	FISH HOOKS, POLES, FLOATS, AND SINKERS
20310	FISH LOAVES, CANNED, EXCEPT FROZEN
20310	FISH, PICKLED (INCLUDING SUN DRIED)
20310	FISH PRODUCTS, CANNED, EXCEPT FROZEN
20943	FISH SCRAP, CAKE AND MEAL, (ANIMAL AND MARINE OIL MILL PRODUCTS
20310	FISH, SMOKED, SALTED, OR PICKLED (INCLUDING SUN DRIED)
20362	FISH STEAKS, FRESH PACKAGED
39491	FISHING BAIT, ARTIFICIAL
37313	FISHING BOATS, SELF-PROPELLED, NEW NONMILITARY
39491	FISHING RODS AND REELS
39491	FISHING TACKLE AND EQUIPMENT
22983	FISHLINE AND FISHING NETTING, COTTON FIBER
22982	FISHLINE, SOFT FIBER, FROM MANMADE AND OTHER FIBERS, EXCEPT COTTON
23928	FITTED SHEETS MADE FROM PURCHASED FABRIC
22118	FITTED SHEETS, MADE IN BROADWOVEN FABRIC MILLS
24994	FITTING COVERS, CORK
34946	FITTINGS AND ASSEMBLIES FOR TUBING USED IN FLUID AND POWER TRANSFER SYSTEMS (EXCEPT PLUMBERS' BRASS GOODS)
33212	FITTINGS AND CAST IRON PRESSURE PIPE
26461	FITTINGS AND CONDUITS, PRESSED AND MOLDED GOODS
34980	FITTINGS AND PIPE, FABRICATED, MADE FROM PURCHASED PIPE
30796	FITTINGS AND UNIONS, PLASTICS, CONSTRUCTION
34320	FITTINGS FOR BATH, SHOWER, LAVATORY, SINK, BRASS GOODS
34945	FITTINGS, METAL, FOR PIPING SYSTEMS
32812	FLAGGING, CUT LIMESTONES
23990	FLAGS, FROM TEXTILE PURCHASED FABRIC
32813	FLAGSTONE
19990	FLAME THROWERS AND PARTS
34945	FLANGES, FITTINGS AND UNIONS, METAL, FOR PIPING SYSTEMS
38312	FLANK SPOTTING INSTRUMENTS (FIRE CONTROL EQUIPMENT) PRODUCED AT SAME PLANT
19410	FLANK SPOTTING INSTRUMENTS (FIRE CONTROL EQUIPMENT) NOT MADE IN OPTICAL PLANTS
22114	FLANNELS, COTTON, CANTON, INTERLINING, OUTING, WORKSHIRTS (GRAY GOODS)
38611	FLASH UNITS FOR CAMERAS
36410	FLASHLIGHT BULBS
36426	FLASHLIGHTS
32114	FLAT GLASS, TEMPERED, BENT, ENAMELED AND MULTIPLE-SEALED INSULATING UNITS, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
34930	FLAT SPRINGS MADE OF SHEET AND STRIP (STEEL)
28513	FLAT WALL PAINTS, INTERIOR OIL-TYPE TRADE SALE
24994	FLATS, CORK
39142	FLATWARE, INCLUDING ALL KNIVES, FORKS, SPOONS, MADE WHOLLY OF METAL
28183	FLAVOR MATERIALS, SYNTHETIC ORGANIC CHEMICALS, EXCEPT BULK SURFACE ACTIVE AGENTS
28185	FLAVOR OIL MIXTURES AND BLENDS, ORGANIC
20871	FLAVORING EXTRACTS, EMULSIONS, AND OTHER LIQUID FLAVORS, NATURAL OR IMITATION
20873	FLAVORING SIRUPS, FOR USE BY SOFT DRINK BOTTLERS
26112	FLAX PULP
22992	FLAX THREAD, EXCEPT JACQUARD
20933	FLAXSEED CAKE AND MEAL
22562	FLEECES FABRIC, CIRCULAR KNIT AND FINISHED IN KNITTING MILLS
36996	FLEXIBLE CORD SETS FOR APPLIANCE, FROM PURCHASED MATERIALS
33576	FLEXIBLE CORD SETS FOR APPLIANCE PRODUCED IN ESTABLISHMENTS WHICH INSULATE WIRE
36442	FLEXIBLE STEEL CONDUIT
28930	FLEXOGRAPHIC INKS
35551	FLEXOGRAPHIC, SHEET-FED AND WEB-FED PRINTING PRESSES
39491	FLIES, FISHING, ARTIFICIAL BAIT
23292	FLIGHT CLOTHING (FLYING SUITS) MEN'S MADE FROM WOVEN OR PURCHASED KNIT FABRIC
38111	FLIGHT INSTRUMENTS
32112	FLOAT GLASS AND PLATE GLASS
24994	FLOATS, CORK
22940	FLOCK, ALL FIBERS, NEW STOCK, WASTE OR RECLAIMED
36425	FLOODLIGHTING AND AREA LIGHTING EQUIPMENT, ELECTRIC (EXCEPT PARTS, ACCESSORIES, AND BULBS)
22710	FLOOR COVERING, WOVEN, AIRCRAFT AND AUTOMOBILE, CHIEFLY COTTON OR MANMADE FIBER PILE YARNS
22720	FLOOR COVERING, AIRCRAFT AND AUTOMOBILE, TUFTED CARPETS AND RUGS
39962	FLOOR COVERING, ASPHALT-FELT-BASE AND SUPPORTED PLASTIC
22710	FLOOR COVERING, WOVEN, AUTOMOBILE AND AIRCRAFT, WOOL OR CHIEFLY WOOL PILE YARNS
24994	FLOOR COVERING, CORK
39961	FLOOR COVERING, LINOLEUM
30694	FLOOR COVERING, RUBBER
28516	FLOOR FINISHES, URETHANE AND OTHER INDUSTRIAL EPOXIES
28424	FLOOR POLISH, WATER EMULSION, LIQUIDS, CAKE AND PASTE
34292	FLOOR PROTECTIVE DEVICES, HARDWARE
35892	FLOOR SANDING AND SCRUBBING MACHINES
32925	FLOOR TILE, ASPHALT
30796	FLOOR TILE, PLASTICS, FOR CONSTRUCTION
32926	FLOOR TILE, VINYL ASBESTOS
36393	FLOOR WAXING AND POLISHING MACHINES, HOUSEHOLD
35892	FLOOR WAXING MACHINES, COMMERCIAL AND INDUSTRIAL
34441	FLOORING, FABRICATED METAL
24261	FLOORING, HARDWOOD
34460	FLOORING, OPEN METAL
24218	FLOORING, SOFTWOOD
30694	FLOORING TILE, SHEETS, RUBBER
35853	FLORISTS CABINETS, REFRIGERATING
28181	FLOTATION REAGENTS, CYCLIC
20455	FLOUR AND DRY FLOUR MIXES, PREPARED, (MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT)
20411	FLOUR AND DRY FLOUR MIXES, SELF-RISING AND OTHER PREPARED (MADE IN FLOUR MILLS)
35513	FLOUR AND GRAIN MILL MACHINERY, INCLUDING PARTS AND ATTACHMENTS
20416	FLOUR, GRAIN, EXCEPT WHEAT OR RICE, BLENDED OR PREPARED
20416	FLOUR, RYE
20411	FLOUR, SELF-RISING, DRY FLOUR MIXES, MADE IN FLOUR MILLS
20922	FLOUR, SOY
20411	FLOUR, WHEAT, EXCEPT FLOUR MIXES (WHITE)
20411	FLOUR, WHOLE WHEAT
24995	FLOUR, WOOD
30798	FLOWER POTS, BOXES, PLANTERS, MADE OF PLASTIC
32690	FLOWER POTS, POTTERY
39620	FLOWERS, ARTIFICIAL
35333	FLOWING WELL EQUIPMENT, FOR OILFIELDS AND GASFIELDS
32592	FLUE LINING, CLAY
38213	FLUID FLOW INSTRUMENTS, INDUSTRIAL PROCESS
35511	FLUID MILK BOTTLING, FILLING AND CAPPING MACHINES (GLASS OR PAPER CONTAINERS) FOR DAIRY
34442	FLUMES, METAL
36121	FLUORESCENT LAMP BALLASTS, ALL TYPES
36410	FLUORESCENT LAMPS, COLD CATHODE (BULB ONLY) FOR ILLUMINATION AND DECORATION
36426	FLUORESCENT LIGHTING EQUIPMENT, COMPLETE UNITS
36422	FLUORESCENT LIGHTING FIXTURES, COMMERCIAL (EXCEPT PARTS, ACCESSORIES, AND BULBS)
36423	FLUORESCENT LIGHTING FIXTURES, INDUSTRIAL (EXCEPT PARTS, ACCESSORIES, AND BULBS)
36430	FLUORESCENT STARTERS
28196	FLUORIDE, ALUMINUM COMPOUND
28213	FLUOROCARBON RESINS, THERMOPLASTIC
36930	FLUOROSCOPES
36930	FLUOROSCOPIC X-RAY APPARATUS AND TUBES
34310	FLUSH TANKS AND WATER CLOSETS, ENAMELED IRON AND STEEL
32610	FLUSH TANKS, VITREOUS CHINA
34320	FLUSH VALVES
28993	FLUXES, BRAZING, SOLDERING, AND WELDING CHEMICALS
28421	FLY SPRAYS
30693	FOAM RUBBER GOODS
23920	FOAM RUBBER PILLOWS AND CUSHIONS, FROM PURCHASED MATERIAL
30792	FOAMED PLASTICS MATTRESS CORES
30792	FOAMED PLASTICS PRODUCTS
34970	FOIL, ALUMINUM CONVERTED, FOR HOUSEHOLD, INSTITUTIONAL, FREEZERS, CONTAINERS, AND GIFT WRAPPING
33523	FOIL, ALUMINUM FOIL PLAIN, MADE IN A ROLLING MILL
34970	FOIL AND LEAF, METAL, EXCEPT PLAIN ALUMINUM FOIL
34990	FOIL CONTAINERS FOR BAKERY GOODS AND FROZEN FOODS
34970	FOIL, LAMINATED OR COATED IN ROLLS AND SHEETS, PLAIN OR PRINTED
34970	FOIL, NOVELTIES
26451	FOLDERS, FILE PAPER, DIE-CUT
25144	FOLDING COTS, METAL, ROLLABLE COTS, ARMY COTS AND OTHER METAL BEDS
25117	FOLDING COTS, WOOD
26510	FOLDING PAPERBOARD BOXES AND CARTONS
25311	FOLDING TABLES AND CHAIRS, SCHOOLS
25312	FOLDING TABLES, INCLUDING BANQUET TABLES (PUBLIC BUILDING)
27516	FOOD AND BEVERAGE CHECKS, LETTERPRESS PRINTED
35811	FOOD COIN-OPERATED VENDING MACHINES
20874	FOOD COLORINGS
26542	FOOD CONTAINERS, CUPS AND LIQUID-TIGHT
36322	FOOD FREEZERS, COMPLETE UNITS (FOR FREEZING AND/OR STORING FROZEN FOOD)
28331	FOOD PRESERVATION, ANTIBIOTICS, SYNTHETIC BULK
26462	FOOD TRAYS, PRESSED MOLDED PULP GOODS
35891	FOOD WARMING AND COOKING EQUIPMENT, COMMERCIAL, INCLUDING PARTS AND ACCESSORIES
35891	FOOD WARMING EQUIPMENT (COMMERCIAL OR HOSPITAL) PARTS AND ACCESSORIES
36393	FOOD WASTE DISPOSERS, HOUSEHOLD
20999	FOODS, PREPARED, PERISHABLE, SOLD IN BULK OR PACKAGED (NOT FROZEN) SALADS, SANDWICHES MADE FROM BREAD
28445	FOOT POWDER
39493	FOOTBALLS AND EQUIPMENT

Code	Product
20943	FOOTS, ALL TYPES (ANIMAL, FISH AND VEGETABLE AND ACIDULATED SOAP STOCK)
22562	FOOTWEAR LINING, CIRCULAR KNIT, MADE IN KNITTING MILLS
30798	FOOTWEAR, PLASTICS
30210	FOOTWEAR, RUBBER
38430	FORCEPS, DENTAL
33911	FORGING, CLOSED DIE, STEEL, DROP, UPSET PRESS
35423	FORGING MACHINES, EXCEPT PRESSES FOR METAL FORMING
33920	FORGINGS, COPPER, ALUMINUM, MAGNESIUM, TITANIUM, AND OTHER NONFERROUS FORGINGS, INCLUDING NONFERROUS ALLOYS
33129	FORGINGS, STEEL, OPEN PRESS AND DIE HAMMERS, FROM STEEL MILL
33919	FORGINGS, STEEL, OPEN PRESS DIE OR HAMMER, FROM PURCHASED MATERIALS
26543	FORKS AND SPOONS, PAPER, STAMPED
26462	FORKS AND SPOONS, PRESSED AND MOLDED PULP GOODS
39142	FORKS, METAL
34233	FORKS, STEEL, HANDTOOL
24995	FORKS, WOODEN FLAT VENEER
35720	FORM HANDLING MACHINES, CONTINUOUS, INCLUDING ATTACHMENTS AND PARTS
28182	FORMALDEHYDE
28182	FORMIC ACID ACYCLIC
35421	FORMING AND BENDING MACHINES, METALWORKING USE
27611	FORMS, BUSINESS, CONTINUOUS
24995	FORMS, SHOE, WOOD
27612	FORMS, UNIT SET, FOR BUSINESS
35592	FOUNDRY MACHINERY AND EQUIPMENT, EXCEPT PATTERNS AND MOLDS
35442	FOUNDRY MOLDS, EXCEPT INGOT MOLDS
35650	FOUNDRY PATTERNS
35857	FOUNTAINETTES, REFRIGERATED
35853	FOUNTAINS, DRINKING, MECHANICALLY REFRIGERATED
36211	FRACTIONAL HORSEPOWER MOTORS (EXCEPT PARTS AND SUPPLIES)
24991	FRAMMED PICTURES
38511	FRAMES AND PARTS FOR EYEGLASSES AND SPECTACLES
25144	FRAMES, BED, METAL, HOUSEHOLD FURNITURE
25126	FRAMES, FURNITURE, WOOD
34990	FRAMES, METAL FOR SINKS AND LAUNDRY TUBS, FURNITURE (TUBULAR METAL)
24313	FRAMES, WINDOW AND DOOR, WOODEN, MILLWORK PRODUCTS
24991	FRAMES, WOOD OR METAL FOR MIRRORS AND PICTURES
24212	FRAMING LUMBER, DRESSED, MADE IN A SAWMILL AND PLANING MILL
24331	FRAMING, WOOD, STRUCTURAL, FABRICATED
24313	FRAMES, WOOD, WINDOW AND DOOR, EXCEPT WINDOW FRAMES SHIPPED IN WINDOW UNITS
20117	FRANKFURTERS, NOT CANNED, MADE IN MEATPACKING PLANT
20137	FRANKFURTERS, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20341	FREEZE DRIED PRODUCTS, EXCEPT SOUP
26412	FREEZER FOOD CARTON OVERWRAPS, WAXED, INCLUDING FREEZER LOCKER PAPER
36322	FREEZERS, HOUSE AND FARM
34990	FREEZERS, ICE CREAM: HOUSEHOLD METAL
35511	FREEZERS, ICE CREAM, INDUSTRIAL
35340	FREIGHT ELEVATORS, HAND OPERATED, ELECTRIC AND HYDRAULIC
37422	FREIGHT TRAIN CARS, NEW
24315	FRENCH DOORS, WOOD
20354	FRENCH DRESSING
36112	FREQUENCY MEASURING EQUIPMENT
20110	FRESH MEATS, SUCH AS HORSEMEAT, GOAT MEAT, ETC. (OTHER THAN BEEF, VEAL, PORK, LAMB OR MUTTON, POULTRY, RABBITS, AND OTHER SMALL GAME)
20362	FRESH PACKAGED FISH AND OTHER SEAFOOD
32922	FRICTION MATERIALS OF ASBESTOS
35318	FRONT-END LOADERS FOR MOUNTING ON TRACTORS, CONSTRUCTION MACHINERY
35317	FRONT-END LOADER, WHEEL-TYPE (INTEGRAL DESIGN, REAR ENGINE MOUNT)
28993	FROSTING COMPOUNDS, GLASS
20999	FROSTING MIXES
20371	FROZEN CONCENTRATED FRUIT AND BERRY JUICES
35853	FROZEN-CUSTARD FREEZERS
20240	FROZEN DAIRY DESSERTS
20373	FROZEN DINNERS
20156	FROZEN EGGS
26412	FROZEN FOOD CARTON OVERWRAPS, WAXED AND WAXED-LAMINATED PAPER
35853	FROZEN FOOD DISPLAY CASES
20373	FROZEN NATIONALITY FOODS, CHINESE, MEXICAN, ITALIAN, ETC.
20361	FROZEN PACKAGED FISH AND OTHER SEAFOOD
20373	FROZEN PIES, INCLUDING FRUIT, CUSTARD, MEAT AND POULTRY
20373	FROZEN PREPARED FOODS AND SOUPS (OTHER THAN SEAFOOD)
20371	FROZEN OR CHILLED FRUITS, FRUIT JUICES AND ADES
20372	FROZEN VEGETABLES
20371	FRUIT AND BERRY JUICES, AND ADES, FROZEN, CONCENTRATED
20338	FRUIT BUTTER
20716	FRUIT, CANDIED, CRYSTALLIZED, GLAZE, ETC.
20331	FRUIT, CANNED, EXCEPT FROZEN
20331	FRUIT COCKTAIL, CANNED, EXCEPT FROZEN
20874	FRUIT, CRUSHED OR WHOLE FOR FOUNTAIN AND ICE CREAM USE
20341	FRUIT, DRIED AND DEHYDRATED
20860	FRUIT DRINKS AND ADES, BEVERAGE, NOT FROZEN, BOTTLED AND CANNED
20860	FRUIT EXTRACT SOFT DRINKS, BOTTLED AND CANNED, DIETETIC OR NONDIETETIC
20371	FRUIT, FROZEN
20331	FRUIT FOR SALADS, CANNED
32210	FRUIT JARS, GLASS
20874	FRUIT JUICE PRODUCTS, CONCENTRATED (NOT FROZEN)
20371	FRUIT JUICES AND ADES, FROZEN
20334	FRUIT JUICES, FRESH, TO BE KEPT UNDER REFRIGERATION
20334	FRUIT JUICES, INCLUDING CONCENTRATED, CANNED, EXCEPT FROZEN
20331	FRUIT PIE MIXES, CANNED
20514	FRUIT PIES, NOT FROZEN
20338	FRUIT PRESERVES, PURE
20371	FRUIT PUNCH, FROZEN
26210	FRUIT WRAP, TISSUE STOCK
20321	FRUITS, CANNED (BABY FOOD ONLY)
35891	FRYERS, DEEP FAT, COMMERCIAL, INCLUDING PARTS AND ATTACHMENTS
36343	FRYERS, DEEP FAT, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
36343	FRYING PANS, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
29990	FUEL BRIQUETTES FROM COAL OR PETROLEUM
30695	FUEL CELLS, RUBBER
23940	FUEL CONTAINERS, CANVAS, FROM PURCHASED FABRIC
38214	FUEL LEVEL INDICATION INSTRUMENTS, MOTOR VEHICLES
29114	FUEL OIL, DISTILLATE
29115	FUEL OIL, RESIDUAL
29990	FUEL, PACKAGED FROM COAL OR PETROLEUM
37141	FUEL PUMP ASSEMBLES, MOTOR VEHICLE
22216	FUJIS, COMBINATION FILAMENT-AND-SPUN RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
22511	FULL FASHIONED, FINISHED STOCKINGS FOR WOMEN AND MISSES' FULL OR KNEE LENGTH, STRETCH AND NONSTRETCH
22514	FULL FASHIONED STOCKINGS FOR WOMEN AND MISSES, ALL FIBERS SHIPPED IN THE GREIGE
28421	FUMIGANTS
28790	FUMIGANTS, SOIL
28346	FUNGICIDES, EXTERNAL USE, PHARMACEUTICAL, FOR HUMAN USE
28790	FUNGICIDAL PREPARATIONS FOR AGRICULTURE
23710	FUR APPAREL, COATS, CAPES, JACKETS, NECKPIECES, LININGS, ETC., INCLUDING TRIMMINGS
23710	FUR COLLARS, STOLES AND MUFFS
23961	FUR GLOVE LININGS, APPAREL FINDINGS MADE FOR SALE AS SUCH
31510	FUR GLOVES, MEN'S, WOMEN'S, AND CHILDREN'S
23961	FUR, HATTERS', CUT OR BLOWN FOR SALE AS SUCH
23710	FUR PLATES
23371	FUR-TRIMMED FABRIC COATS, INCLUDING CAPES
28214	FURAN RESIN
28181	FURFURAL
34331	FURNACE-BURNER UNITS OIL, SOLD SEPARATELY
35671	FURNACES AND OVENS, ELECTRICAL, INDUSTRIAL, METAL PROCESSING (EXCEPT PARTS, ATTACHMENTS, AND COMPONENTS)
35672	FURNACES AND OVENS, FUEL FIRED, INDUSTRIAL METAL PROCESSING (EXCEPT PARTS AND ATTACHMENTS)
35673	FURNACES AND OVENS, INDUSTRIAL PROCESS, PARTS AND ATTACHMENTS ONLY
35595	FURNACES AND OVENS, NONMETALLIC, INDUSTRIAL
34336	FURNACES, FLOOR AND WALL, GAS- AND OIL-FIRED
35672	FURNACES, HEAT TREATING, INDUSTRIAL, FUEL-FIRED (EXCEPT PARTS AND ATTACHMENTS)
35673	FURNACES, HIGH FREQUENCY INDUCTION, INDUSTRIAL
38112	FURNACES, LABORATORY (EXCEPT DENTAL)
35672	FURNACES, METAL, MELTING AND PROCESSING, INDUSTRIAL, FUEL-FIRED (EXCEPT PARTS AND ATTACHMENTS)
34332	FURNACES, WARM AIR, EXCEPT FLOOR AND WALL, PARTS
39999	FURNITURE, BEAUTY AND BARBER SHOP
25115	FURNITURE, BEDROOM, WOOD, PAINTED AND FINISHED, EXCEPT CHILDREN'S AND UPHOLSTERED
25312	FURNITURE, CHURCH
24217	FURNITURE, CUT STOCK, SOFTWOOD
24262	FURNITURE, DIMENSION STOCK, HARDWOOD
24262	FURNITURE, DIMENSION STOCK, KILN DRIED, ROUGH OR SURFACED, FABRICATED OR SEMIFABRICATED AND PARTS
25117	FURNITURE, EXCEPT UPHOLSTERED; WOOD FOR OUTDOORS
25126	FURNITURE FRAMES FOR HOUSEHOLD FURNITURE
34292	FURNITURE HARDWARE
38410	FURNITURE, HOSPITAL, INCLUDING BASSINETS, CHART RACKS, AND BACK RESTS
25117	FURNITURE-IN-THE-WHITE WOOD, (UNPAINTED)
38113	FURNITURE, LABORATORY (CABINETS, TABLES, STOOLS, ETC.)
25141	FURNITURE, METAL, DINING, DINETTE, BREAKFAST
25142	FURNITURE, METAL, KITCHEN, EXCEPT DINING, DINETTE AND BREAKFAST FURNITURE
25143	FURNITURE, METAL PORCH, LAWN, AND OUTDOOR
38410	FURNITURE, OPERATING ROOM, HOSPITAL, INCLUDING TABLE, CASES, CABINETS
25190	FURNITURE, PLASTIC, HOUSEHOLD
28424	FURNITURE POLISH AND CLEANER
24262	FURNITURE PARTS, EXCEPT FRAMES (COMPLETELY FABRICATED), HARDWOOD
25312	FURNITURE, PUBLIC BUILDING AND RELATED FURNITURE
25190	FURNITURE, REED OR RATTAN, INCLUDING WILLOW, WICKER AND CANE
25990	FURNITURE, RESTAURANT, WOOD OR METAL
25311	FURNITURE, SCHOOL, EXCEPT STONE AND CONCRETE (EXCEPT LIBRARY FURNITURE, STADIUM AND BLEACHER SEATS)
23962	FURNITURE TRIMMINGS
25117	FURNITURE, UNPAINTED WOOD, EXCEPT UPHOLSTERED
25144	FURNITURE, UPHOLSTERED METAL, HOUSEHOLD
25144	FURNITURE, UPHOLSTERED METAL, LIVING ROOM AND SUNROOM
25121	FURNITURE, UPHOLSTERED WOOD, HOUSEHOLD
25210	FURNITURE, WOOD, OFFICE
25112	FURNITURE, WOOD, PAINTED OR FINISHED, FOR LIVING ROOM, LIBRARY, SUNROOM AND HALL (EXCEPT CABINETS FOR RADIO, PHONOGRAPH, TV, AND HI-FI, OR COMBINATION, THEREOF) EXCEPT UPHOLSTERED
25116	FURNITURE, WOOD, PAINTED OR FINISHED, INFANTS' AND CHILDREN'S, EXCEPT UPHOLSTERED
23521	FUR-FELT HATS, FINISHED, EXCEPT MILLINERY
39996	FURS, DRESSED AND DYED
19410	FUSE SETTERS (FIRE CONTROL EQUIPMENT) NOT MADE IN OPTICAL PLANTS
36134	FUSES AND FUSE EQUIPMENT (EXCEPT POWER DISTRIBUTION CUTOUTS) UNDER 2,300 VOLTS
28921	FUSES, DETONATING, INDUSTRIAL SQUIBS, IGNITORS, BOOSTERS, ETC.
19291	FUSES FOR ARTILLERY AMMUNITION OVER 30 MM (OR OVER 1.18 INCHES)
19291	FUSES FOR ARTILLERY AMMUNITION OVER 30 MM. (OR OVER 1.18 INCHES)
19293	FUSES: MINE, TORPEDO, BOMB, DEPTH CHARGE, AND CHEMICAL WARFARE PROJECTILE
36134	FUSES, NONRENEWABLE CARTRIDGE, UNDER 2,300 VOLTS
36625	FUSES, PROXIMITY
36134	FUSES, RENEWABLE PLUG AND CARTRIDGE, UNDER 2,300 VOLTS
36624	G.C.A. EQUIPMENT
22112	GABARDINES, CARDED (COTTON) (GRAY GOODS)
22115	GABARDINES, COMBED, FINE COTTON (GRAY GOODS)
22213	GABARDINES, 100% SPUN RAYON AND/OR ACETATE (GRAY GOODS)
35452	GAGES AND GAGE BLOCKS, MACHINISTS PRECISION TOOLS
35441	GAGES (SPECIAL DIES AND TOOLS) OR DUCKING FIXTURES
30210	GAITERS, WATERPROOF, BUCKLE AND AUTOMATIC, STYLE, RUBBER AND CLOTH
34790	GALVANIZING OF METAL
20155	GAME, SMALL, DRESSED AND PACKED
39410	GAMES AND TOYS, EXCEPT DOLLS AND CHILDREN'S VEHICLES
30798	GARDEN HOSE, PLASTICS
30692	GARDEN HOSE, RUBBER
30698	GARMENT FABRICS, RUBBER COATED
36730	GAS AND VAPOR TUBES, ELECTRONIC
38430	GAS APPARATUS, DENTAL
33121	GAS, BLAST FURNACE AND COKE OVEN BYPRODUCTS
35614	GAS COMPRESSORS, EXCEPT REFRIGERATING AND AIR-CONDITIONING UNITS
35616	GAS COMPRESSORS, PARTS AND ATTACHMENTS ONLY
34434	GAS CYLINDERS
35196	GAS ENGINES, EXCEPT GAS TURBINES

Code	Product
35690	GAS GENERATING EQUIPMENT
38423	GAS MASKS
38212	GAS METERS
28993	GAS ODORANTS
34334	GAS RADIANTS, DOMESTIC HEATING STOVE
36312	GAS RANGES AND SURFACE COOKING TOPS HOUSEHOLD
35111	GAS TURBINE GENERATOR SETS
35112	GAS TURBINES AND PARTS, EXCEPT AIRCRAFT
28181	GASOLINE ADDITIVES, CYCLIC
29111	GASOLINE, AVIATION AND MOTOR
38212	GASOLINE DISPENSING METERS
35860	GASOLINE DISPENSING PUMPS
35191	GASOLINE ENGINES, UNDER 11 HORSEPOWER EXCEPT AIRCRAFT, AUTO, TRUCK, BUS, AND TANK
35192	GASOLINE ENGINES, 11 HORSEPOWER AND OVER, EXCEPT AIRCRAFT, AUTOMOBILE, TRUCK, BUS, AND TANK
37141	GASOLINE ENGINES, NEW, WITH OR WITHOUT STANDARD ACCESSORIES
36426	GASOLINE LAMPS, INCLUDING KEROSENE
34421	GARAGE DOORS AND FRAMES, METAL
24315	GARAGE DOORS, WOOD
34492	GARAGES, STEEL AND ALUMINUM, PREFABRICATED AND PORTABLE
24332	GARAGES, WOOD, PREFABRICATED, SOLD AS COMPLETE UNITS, INCLUDING THOSE SHIPPED IN SECTIONS OR PANELS
34618	GARBAGE CANS
20942	GARBAGE TANKAGE
32722	GARDEN FURNITURE, CONCRETE
35222	GARDEN TRACTORS AND MOTOR TILLERS
35228	GARDEN TRACTORS AND MOTOR TILLERS, INCLUDING ATTACHMENTS
26431	GARMENT BAGS, PAPER
31111	GARMENT AND GLOVE LEATHER, FINISHED CATTLE HIDE
23920	GARMENT BAGS, FABRIC FROM PURCHASED FABRICS
24995	GARMENT HANGERS, WOOD
23890	GARTERS AND GARTER BELTS
32932	GASKETS, ALL TYPES
34816	GATES OF STEEL WIRE FOR FENCES, NOT PRODUCED BY WIREDRAWERS
33156	GATES, POSTS AND FITTINGS, STEEL WIRE FENCE, MADE IN WIREDRAWING PLANT
38220	GAUGES FOR MEASURING TEMPERATURE
22113	GAUZE, SURGICAL DRESSING COTTON (GRAY GOODS)
38421	GAUZE (ABSORBENT AND PACKING) SURGICAL DRESSINGS
27413	GAZETTEERS, PUBLISHED
35413	GEAR-CUTTING AND FINISHING MACHINES, METAL-CUTTING TYPE
35451	GEAR HOBS, SMALL CUTTING TOOLS
35662	GEAR PINIONS AND RACKS, UNMOUNTED EXCEPT AUTO AND AIRCRAFT
35451	GEAR SHAPER CUTTERS, SMALL CUTTING TOOLS
35662	GEARS, ASSEMBLED AND UNASSEMBLED EXCEPT AUTO AND AIRCRAFT
30795	GEARS, BEARINGS, BUSHINGS AND CAMS PLASTICS, INDUSTRIAL
20155	GEESE, DRESSED AND PACKED
20310	GEFILTE FISH, CANNED, EXCEPT FROZEN
38216	GEIGER COUNTERS
20991	GELATIN BASE DESSERTS, READY-TO-MIX
28912	GELATIN, EDIBLE, PHARMACEUTICAL
28912	GELATIN, PHOTOGRAPHIC, TECHNICAL, INEDIBLE
27216	GENERAL PERIODICAL (I.E. - OTHER THAN FARM, SPECIALIZED BUSINESS, AND PROFESSIONAL) ADVERTISING RECEIPTS
35111	GENERATOR SET UNITS AND PARTS, STEAM, GAS AND HYDRAULIC TURBINE
36215	GENERATOR SETS, MOTOR, INCLUDING DYNAMOTORS, CONVERTERS, INVERTERS (EXCEPT PARTS AND SUPPLIES FOR SUCH ITEMS)
36214	GENERATOR SETS, PRIME MOVER EXCEPT STEAM OR HYDRAULIC TURBINE (EXCEPT PARTS AND SUPPLIES FOR SUCH ITEMS)
35111	GENERATOR SETS, WATER TURBINE, HYDRAULIC
36213	GENERATORS AND ELECTRICAL MOTORS FOR LAND TRANSPORTATION EQUIPMENT (INCLUDING PARTS AND SUPPLIES FOR SUCH ITEMS)
36216	GENERATORS AND MOTOR GENERATOR SETS (EXCEPT LAND TRANSPORTATION) - PARTS AND SUPPLIES ONLY
36231	GENERATORS, ARC WELDER D.C. EXCEPT ELECTRODES
36942	GENERATORS, BATTERY CHARGING, FOR INTERNAL COMBUSTION ENGINES
36212	GENERATORS, INTEGRAL HORSEPOWER OTHER THAN LAND TRANSPORTATION EQUIPMENT A.C. AND D.C. CURRENT (EXCEPT PARTS AND SUPPLIES FOR SUCH ITEMS)
36626	GEOPHYSICAL ELECTRONIC EQUIPMENT
22211	GEORGETTES, 100% FILAMENT RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
28346	GERMICIDES, EXTERNAL USE PHARMACEUTICAL, FOR HUMAN USE
23412	GERTRUDES, WOMEN'S AND CHILDREN'S UNDERWEAR MADE FROM WOVEN OR PURCHASED KNIT FABRICS
26492	GIFT WRAP, PAPER
20851	GIN, ALCOHOLIC BEVERAGE, DISTILLED
20860	GINGER ALE, DIETETIC OR NONDIETETIC, BOTTLED AND CANNED
22115	GINGHAMS, COMBED AND FINE CARDED, FINE COTTON (GRAY GOODS)
22114	GINGHAMS, (EXCEPT COMBED FINE CARDED) COTTON (GRAY GOODS)
22217	GIRDLE AND SWIMWEAR FABRICS MADE WITH AN ELASTIC CORE YARN (RUBBER OR SPANDEX) 100% SPUN YARN
22562	GIRDLE BLANKS, ELASTIC, CIRCULAR KNIT IN A KNIT FABRIC MILL
23422	GIRDLES AND GIRDLE ACCESSORIES
20716	GLACE (NUTS AND FRUITS)
32292	GLASS, BLANKS, ELECTRIC LIGHT BULBS, ELECTRONIC AND RADAR TUBE FROM GLASS PRODUCED IN THIS ESTABLISHMENT
32316	GLASS, BLANKS, ELECTRIC-LIGHT BULB, ELECTRONIC AND RADAR TUBES FROM PURCHASED GLASS
32316	GLASS BLOCKS, BRICKS, TILE MADE OF PURCHASED GLASS
32291	GLASS COOKING WARE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32210	GLASS CONTAINERS, ALL KINDS, SUCH AS FOOD, MEDICINAL, CHEMICAL, ETC., INCLUDING HANDMADE
32316	GLASS COOKING WARE FROM PURCHASED GLASS
32114	GLASS DOORS, MADE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
22212	GLASS FABRICS, BROADWOVEN MANMADE FIBER FABRICS (GRAY GOODS)
22411	GLASS FABRICS, NARROW, WOVEN
22212	GLASS FIBER INDUSTRIAL FABRICS, 100% FILAMENT, GRAY GOODS
32293	GLASS FIBER, TEXTILE TYPE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32114	GLASS, FLAT, MADE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT, EXCEPT SHEET GLASS FOR WINDOWS, PLATE LAMINATED, SAFETY
32292	GLASS INSULATORS, FROM GLASS PRODUCED IN THIS ESTABLISHMENT
32316	GLASS INSULATORS, FROM PURCHASED GLASS
32313	GLASS, LAMINATED, INCLUDING SAFETY GLASS, FROM PURCHASED GLASS
32113	GLASS, LAMINATED, INCLUDING SAFETY GLASS, MADE FROM GLASS PRODUCED IN SAME ESTABLISHMENT
32316	GLASS LIDS, FROM PURCHASED GLASS
35595	GLASSMAKING MACHINERY AND EQUIPMENT
32112	GLASS, PLATE, MADE FROM GLASS BLANKS PRODUCED IN SAME ESTABLISHMENT
32111	GLASS, SHEET, WINDOW
32291	GLASS PLATES, TABLE AND KITCHENWARE, MADE FROM GLASS PRODUCED IN SAME ESTABLISHMENT
28423	GLASS WINDOW CLEANING PREPARATIONS
32210	GLASSES (CONTAINERS)
38311	GLASSES, FIELD OR OPERA
26218	GLASSINE, PAPER, COARSE
32316	GLASSWARE, ETCHED, ORNAMENTED AND BENT FROM PURCHASED GLASS
32294	GLASSWARE FOR INDUSTRIAL USE, INCLUDING GAUGE GLASS, INSTRUMENT FACES, MACHINE PARTS AND GLASS KNOBS FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	GLASSWARE FOR INDUSTRIAL USE INCLUDING GAUGE GLASS, INSTRUMENT FACES, MACHINE PARTS AND GLASS KNOBS FROM PURCHASED GLASS
32294	GLASSWARE FOR LABORATORY AND SCIENTIFIC USE, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	GLASSWARE FOR LABORATORY AND SCIENTIFIC USE, FROM PURCHASED GLASS
32291	GLASSWARE, INCLUDING ART FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	GLASSWARE INCLUDING ART FROM PURCHASED GLASS
32291	GLASSWARE NOVELTY, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	GLASSWARE NOVELTY, MADE FROM PURCHASED GLASS
32294	GLASSWARE, PRESSED OR BLOWN, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	GLASSWARE, PRESSED OR BLOWN, FROM PURCHASED GLASS
32512	GLAZED BRICK AND TILE
32530	GLAZED FLOOR AND WALL TILE
25143	GLIDERS, METAL OUTDOORS
37211	GLIDERS, MILITARY
25117	GLIDERS, WOOD, OUTDOOR FURNITURE
27526	GLOBE COVER PRINTED BY LITHOGRAPHIC
27413	GLOBE COVER, PUBLISHING
27516	GLOBE COVERS PRINTED BY LETTERPRESS
22562	GLOVE FABRICS, CIRCULAR KNIT AND FINISHED, A KNIT FABRIC MILL PRODUCT
22561	GLOVE FABRICS, WARP KNIT AND FINISHED IN A KNIT FABRIC MILL
23961	GLOVE LININGS, FUR, APPAREL FINDINGS MADE FOR SALE AS SUCH
22590	GLOVES AND MITTENS, DRESS, LEATHER AND FABRIC COMBINATION MADE FROM YARNS OR FABRICS KNIT IN SAME ESTABLISHMENT
23811	GLOVES, DRESS AND SEMI-DRESS, EXCEPT ALL LEATHER MADE FROM WOVEN OR PURCHASED KNIT FABRIC
30698	GLOVES, INDUSTRIAL RUBBER
31510	GLOVES, LEATHER, FOR DRESS, AND WORK
22590	GLOVES, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
30697	GLOVES, RUBBER HOUSEHOLD, AND SURGICAL
23812	GLOVES, WORK, EXCEPT ALL LEATHER, MADE FROM WOVEN OR PURCHASED KNIT FABRICS
28331	GLUCONIC ACID SALTS, SYNTHETIC, BULK
20110	GLUE STOCK (SEMIMANUFACTURED MATERIAL TO BE MADE INTO GLUE)
28911	GLUES, ADHESIVES AND PASTES, VEGETABLE
28911	GLUES, ANIMAL
20460	GLUTEN FEED, MEAL OR CORN
28414	GLYCERINE, NATURAL
31114	GOAT AND KID LEATHER, FINISHED
38513	GOGGLES, OPHTHALMIC
38513	GOGGLES, SUN AND GLARE GLASSES
28199	GOLD COMPOUNDS, INORGANIC CHEMICALS
34970	GOLD LEAF FOIL, IN BOOKS OR ROLLS
33395	GOLD, PRIMARY SMELTING ALLOYED AND UNALLOYED
33415	GOLD, SECONDARY SMELTING AND REFINING ALLOY AND UNALLOY
39492	GOLF BAGS
39492	GOLF BALLS
37510	GOLF CARTS, MOTORIZED, ELECTRIC AND GASOLINE POWERED, FOR CARRYING PASSENGERS
24262	GOLF CLUB DIMENSION STOCK, OF HARDWOOD FOR INDUSTRY
30210	GOLOSHES, RUBBER OR RUBBER SOLED FABRIC
25410	GONDOLAS, WOOD FOR STORE DISPLAY
36992	GONGS, CHIMES AND BELLS, ELECTRIC
27412	GOVERNMENT REGULATIONS PUBLISHED FOR BUSINESS
37295	GOVERNORS, AIRCRAFT PROPELLERS
23890	GOWNS, ACADEMIC
23840	GOWNS, DRESSING, EXCEPT CHILDREN'S
35319	GRADERS, EXCEPT MOTOR GRADERS
20521	GRAHAM CRACKERS
20851	GRAIN ALCOHOL (BEVERAGE)
28185	GRAIN ALCOHOL, INDUSTRIAL
35513	GRAIN AND FLOUR MILL MACHINERY, INCLUDING PARTS AND ATTACHMENTS
24315	GRAIN DOORS, WOOD
20424	GRAIN, FOR ANIMAL FEED, GROUND, ROLLED, PULVERIZED, CHOPPED, OR CRIMPED
20430	GRAINS AND MIXED GRAIN, PREPARATIONS FOR BREAKFAST (INCLUDING BABY CEREALS)
20851	GRAINS, DRIED, DISTILLERS, DARK AND LIGHT
39311	GRAND PIANOS, COMPLETE
32811	GRANITE, CUT, BUILDING STONE
32811	GRANITE, CUT PRODUCTS
32811	GRANITE, PAVING BLOCKS AND CURBING
20630	GRANULATED BEET SUGAR, REFINED
20620	GRANULATED SUGAR, CANE
38615	GRAPHIC ARTS FILM
36240	GRAPHITE AND CARBON PRODUCTS INCLUDING BRUSH AND BRUSH-PLATES, ELECTRODES AND SPECIALTIES
32950	GRAPHITE GROUND, REFINED OR BLENDED
34232	GRASS HOOKS, EDGE TOOL, HAND OPERATED
34460	GRATING, OPEN, METAL, FOR BUILDING CONSTRUCTION
32722	GRAVE STONES, CONCRETE PRECAST
27518	GRAVURE PLATES AND CYLINDERS MADE FOR OTHERS
27517	GRAVURE PRINTING OF MAGAZINES AND PERIODICALS, NEWSPAPER READY PRINTS AND SUPPLEMENTS
35551	GRAVURE PRINTING PRESSES
35551	GRAVURE, SHEET-FED AND WEB-FED PRINTING PRESSES
35860	GREASE GUNS AND PUMPS
20941	GREASE (OF ANIMAL AND MARINE FATS AND OILS)
22970	GREASE, WOOL, RECOVERED (ANHYDROUS BASIS)
26218	GREASEPROOF, PAPER COARSE
29117	GREASES FOR LUBRICATING MADE IN REFINERIES
29920	GREASES, LUBRICATING FROM PURCHASED MATERIAL
32111	GREENHOUSE GLASS, SHEET
20332	GREENS, LEAFY, CANNED
27712	GREETING CARDS, PRINTED FOR PUBLICATION BY OTHERS
27711	GREETING CARDS, PUBLISHERS' SALES
19990	GRENADE PROJECTORS AND PARTS

Code	Product
19293	GRENADES AND PARTS
34460	GRILLE WORK, METAL (INCLUDING OPEN MESH PARTITIONS AND GUARDS) EXCEPT CURTAIN WALL AND OTHER EXTERIOR PANELS)
36343	GRILLS, SANDWICH, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
36312	GRILLS (OUTDOOR COOKING)
35319	GRINDERS AND PULVERIZERS, PORTABLE
35482	GRINDERS, POLISHERS, CIRCULAR SANDERS, POWER-DRIVEN HANDTOOLS
35540	GRINDERS, PULPMILL MACHINERY
32912	GRINDING AND CUTTING WHEELS, BONDED ABRASIVES
35418	GRINDING AND POLISHING MACHINES METAL-CUTTING USE, DESIGNED FOR HOME WORKSHOPS, GARAGES, ETC.
35414	GRINDING AND POLISHING MACHINES, FOR METAL EXCEPT GEAR TOOTH
35414	GRINDING, HONING, LAPPING, POLISHING, BUFFING MACHINES
35322	GRINDING MILL, MINING MACHINERY
20922	GRITS, SOY
26431	GROCERS BAGS, PAPER
36430	GROUND CLAMPS (ELECTRIC WIRING DEVICES)
26212	GROUNDWOOD PAPER, UNCOATED
26112	GROUNDWOOD PULP, INCLUDING CHEMI-GROUND
33151	GUARD RAIL CABLE, FERROUS, STRAND WIRE, FROM WIREDRAWERS IN SAME ESTABLISHMENT
34811	GUARD RAIL CABLE FERROUS, STRAND WIRE-NOT PRODUCED BY WIREDRAWERS
33120	GUARD RAILS, CARBON STEEL A STEEL MILL PRODUCT
26451	GUIDE CARDS, PAPER DIE-CUT
37292	GUIDED MISSILE COMPONENTS AND SUBASSEMBLIES EXCEPT ENGINES AND PARTS
37292	GUIDED MISSILES, FRAMES AND SUBASSEMBLIES AND PARTS OTHER THAN ELECTRONIC, GUIDANCE SYSTEMS
36628	GUIDANCE AND NAVIGATION SYSTEMS AND EQUIPMENT - MISSILE-BORNE AND SPACE VEHICLE-BORNE
19251	GUIDED MISSILES, COMPLETE (EXCEPT PROPULSION)
39314	GUITARS AND PARTS
20730	GUM, (NOT MEDICATED) AND BASE, CHEWING
28612	GUM TURPENTINE
26413	GUMMED PAPER PRODUCTS, INCLUDING TAPE
26413	GUMMED PRODUCTS INCLUDING SEALING TAPE, GUMMED FLAT PAPER AND STOCK LABELS, UNPRINTED
19110	GUN CARRIAGES AND MOUNTS AND PARTS FOR GUNS OVER 30 MM. (OR OVER 1.18 INCHES)
28612	GUN NAVAL STORES
28921	GUN POWDER, INDUSTRIAL
19110	GUN SIGHTS, FOR GUNS OVER 30 MM. (OR OVER 1.18 INCHES)
38312	GUN SIGHTS MADE IN OPTICAL PLANTS
19110	GUNS, HOWITZERS, MORTARS, OVER 30 MM. (OR OVER 1.18 INCHES)
24262	GUNSTOCKS, DIMENSION HARDWOOD FOR INDUSTRY
39410	GUNS (TOYS), GUNS SETS, AND RIFLES
30698	GUTTA PERCHA, BALATA, AND GUTTA PRODUCTS MADE OF RUBBER
32751	GYPSUM BUILDING MATERIALS
32950	GYPSUM, CRUSHED AND GROUND, UNCALCINED
26317	GYPSUM LINERBOARD, SPECIAL COMBINATION PACKAGING AND INDUSTRIAL CONVERTING PAPERBOARD
32752	GYPSUM, PLASTER, INDUSTRIAL
32752	GYPSUM PRODUCTS, OTHER THAN BUILDING MATERIALS
38111	GYROSCOPES, NAVIGATIONAL
34250	HACKSAW BLADES
28443	HAIR COLORING PREPARATIONS (BLEACHES DYES, RINSES, TINTS, ETC.)
39642	HAIR CURLERS (EXCEPT RUBBER AND FOR BEAUTY PARLOR USE)
28443	HAIRDRESSINGS, INCLUDING BRILLIANTINES, CREAMS AND POMADES
36343	HAIR DRYERS, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
28443	HAIR DYES
22910	HAIR, FELT, PUNCHED OR NEEDLED
28443	HAIR PREPARATIONS, SHAMPOOS, SOAP, WAVE SETS, ETC.
28443	HAIR RINSES
28443	HAIR SHAMPOOS
28443	HAIR TONICS INCLUDING HAIR AND SCALP CONDITIONERS
39999	HAIRWORK, SWITCHES, TOUPEES AND WIGS
39913	HAIRBRUSHES
39642	HAIRPINS
20262	HALF-AND-HALF CREAM PACKAGED AT THIS PLANT
22522	HALF-HOSE MEN'S FINISHED SEAMLESS HOSIERY, NYLON, COTTON, WOOL, OTHER YARNS AND MIXTURES
22542	HALF-SLIPS AND SLIPS, KNIT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
25112	HALL FURNITURE, WOOD, PAINTED OR FINISHED, EXCEPT UPHOLSTERED
23393	HALTERS, WOMEN'S AND MISSES'
20136	HAM, BOILED OR SMOKED, NOT CANNED OR MADE INTO SAUSAGE, NOT PROCESSED IN MEATPACKING PLANT
20116	HAM, BOILED OR SMOKED, NOT CANNED OR MADE INTO SAUSAGE, PROCESSED IN MEATPACKING PLANT
20111	HAMBURGER, NOT CANNED OR MADE INTO SAUSAGE
34231	HAMMERS, BALL PEEN
34233	HAMMERS, FORGING, LIGHT
35482	HAMMERS, POWER-DRIVEN HANDTOOL
25143	HAMMOCKS, METAL
25117	HAMMOCKS, WOOD, OUTDOOR FURNITURE
24430	HAMPERS, VENEER AND PLYWOOD
37992	HANDCARTS AND PUSHCARTS, INCLUDING PARTS AND ATTACHMENTS
35370	HAND LIFTS
28445	HAND LOTIONS
35613	HAND PUMPS AND PUMP JACKS
35370	HAND TRUCKS AND TRAILERS, INCLUDING DOLLIES AND PLATFORM TRUCKS
31710	HANDBAGS AND PURSES, LADIES' AND CHILDREN'S LEATHER, PLASTIC, OR OTHER MATERIALS EXCEPT PRECIOUS METAL
31111	HANDBAG LEATHER
22115	HANDKERCHIEF FABRICS, FINE, FANCY, BOX, AND DOBBY (GRAY GOODS) BROADWOVEN
23890	HANDKERCHIEFS, COTTON, EXCEPT EMBROIDERED
23951	HANDKERCHIEFS, EMBROIDERED, EXCEPT SCHIFFLI-MACHINE
26472	HANDKERCHIEFS, PAPER
23970	HANDKERCHIEFS, SCHIFFLI-MACHINE EMBROIDERED
24262	HANDLE DIMENSION STOCK, HARDWOOD FOR INDUSTRY
30695	HANDLES AND BRUSH BACKS, RUBBER
24995	HANDLES, WOOD, BROOM, MOP, AND PAINT BRUSH
24995	HANDLES, WOODEN HANDTOOLS
32210	HANDMADE GLASS CONTAINERS
34294	HANGERS, TRACKS AND OVERHEAD DOOR HARDWARE
33159	HANGERS, WIRE, GARMENTS, FERROUS MADE IN WIREDRAWING PLANT
34819	HANGERS, WIRE GARMENTS, FERROUS NOT PRODUCED BY WIREDRAWERS
24996	HARD PRESSED WOOD FIBERBOARD (HARDBOARD)
24996	HARDBOARD
28993	HARDING COMPOUNDS, CONCRETE FLOOR
34294	HARDWARE, BUILDERS'
33157	HARDWARE CLOTH (FERROUS) MADE IN WIREDRAWING PLANT
34814	HARDWARE CLOTH, FERROUS, NOT PRODUCED BY WIREDRAWERS
34295	HARDWARE FOR REFRIGERATORS, STOVES, FIREPLACES, TRUCKS, LUGGAGE, CASKETS, HOSE
34292	HARDWARE, FURNITURE
34291	HARDWARE, MARINE, AIRCRAFT, AUTO
30795	HARDWARE, PLASTICS, CUSTOM-MADE
30798	HARDWARE, PLASTICS, EXCEPT CUSTOM-MADE
34294	HARDWARE, SASH, SCREEN AND SHELF
34294	HARDWARE, SCREEN-DOOR, TRANSOM, AND WINDOW
24262	HARDWOOD DIMENSION STOCK, INCLUDING VEHICLE
28612	HARDWOOD DISTILLATION PRODUCTS
24261	HARDWOOD FLOORING
24321	HARDWOOD PLYWOOD
24325	HARDWOOD VENEER
31990	HARNESS, LEATHER
31111	HARNESS LEATHER FINISHED CATTLE HIDE
39314	HARPS AND PARTS
35224	HARROWS FOR FARM, AND ATTACHMENTS
23522	HARVEST HATS
35225	HARVESTING MACHINERY, AND ATTACHMENTS
36341	HASSOCK-TYPE FAN ELECTRIC HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
25121	HASSOCKS, UPHOLSTERED WOOL
23961	HAT BANDS, HAT LININGS, MEN'S AND BOYS'
23521	HAT BODIES WOOL OR FUR FELT
23510	HAT FRAMES, ALL TYPES, MILLINERY FOR WOMEN AND CHILDREN
35595	HAT MAKING MACHINERY
34232	HATCHETS
23522	HATS AND CAPS CLOTH INCLUDING UNIFORM
23522	HATS AND CAPS CLOTH, MEN'S AND BOYS' MADE CHIEFLY OF COTTON OR OTHER FABRICS, (INCLUDING UNIFORM)
23522	HATS AND CAPS MADE FROM PURCHASED FUR ON THE SKIN (EXCEPT MILLINERY)
23521	HATS AND HAT BODIES, EXCEPT CLOTH AND MILLINERY
23522	HATS, CLOTH, MEN AND BOYS, INCLUDING PLASTIC WOOLS AND INCLUDING UNIFORM
23521	HATS, FUR-FELT, FINISHED HATS EXCEPT MILLINERY
23521	HATS, MEN AND BOYS, STRAW WITH SEWED BRAID OF WOVEN BODIES
23521	HATS, WOOL-FELT, FINISHED HATS, EXCEPT MILLINERY
23961	HATTERS' FUR, CUT OR BLOWN FOR SALE AS SUCH
35226	HAY BALERS THROWING ATTACHMENTS AND BALE LOADERS (FIELD-TYPE)
34232	HAY KNIVES
35226	HAYING MACHINERY
25115	HEAD BOARDS, BEDS, WOOD, FINISHED AND PAINTED
20117	HEADCHEESE, NOT CANNED, MADE IN MEATPACKING PLANT
20137	HEADCHEESE, NOT CANNED, NOT MADE IN MEATPACKING PLANT
34523	HEADED (METAL) PRODUCTS OTHER THAN INDUSTRIAL FASTENERS
36992	HEADING EQUIPMENT, ELECTRIC, INCLUDING WARM AIR FURNACES AND UNIT HEATER, EXCEPT PORTABLE HOUSEHOLD AIR SPACE HEATERS
24290	HEADINGS, MADE IN SAWMILLS, FOR CASKS, BARRELS, ETC.
36424	HEADLIGHT FIXTURES, ELECTRIC, AUTO AND OTHER VEHICULARS, EXCEPT BULBS (EXCEPT PARTS AND ACCESSORIES)
26472	HEADRESTS, PAPER
23690	HEADWEAR, GIRLS', CHILDREN'S, AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23522	HEADWEAR, MADE FROM PURCHASED KNIT FABRIC INCLUDING FASCINATORS, HEAD SCARFS, HOODS, ETC.
20999	HEALTH FOODS, EXCEPT WEIGHT CONTROL PRODUCTS
37130	HEARSES AND UNDERTAKERS' WAGONS COMPLETE VEHICLES, PRODUCED ON PURCHASED CHASSIS
37112	HEARSES AND UNDERTAKERS VEHICLES MADE ON OWN MANUFACTURE CHASSIS
37111	HEARSES, COMPLETE VEHICLES, KNOCK-DOWN OR ASSEMBLED
38424	HEARING AIDS, ELECTRICAL AND ELECTRONIC
34431	HEAT EXCHANGERS AND STEAM CONDENSERS, BOILER SHOP
35851	HEAT PUMPS (UNITARY AID-CONDITIONERS)
34336	HEAT TRANSFER COILS
35851	HEAT TRANSFER EQUIPMENT EXCEPT ROOM AND UNITARY AIR-CONDITIONERS
33996	HEAT TREATING OF STEEL FOR THE TRADE
34336	HEATER AND VENTILATOR UNITS
36996	HEATER CORD, APPLIANCE MADE FROM PURCHASED MATERIAL
33576	HEATER CORD, APPLIANCE PRODUCED IN ESTABLISHMENTS WHICH INSULATE WIRE
36393	HEATERS, AIR SPACE, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
34334	HEATERS AND STOVES, SOLID FUEL, DOMESTIC AND SCHOOLROOM
36992	HEATERS, ELECTRIC
34336	HEATERS, (GAS FIRED UNITS ONLY)
35673	HEATERS, TUBULAR
34336	HEATERS, UNIT, PARTS
35673	HEATERS WATER IMMERSION, INDUSTRIAL
35673	HEATING EQUIPMENT, DIELECTRIC
35673	HEATING EQUIPMENT--HIGH FREQUENCY INDUCTION AND DIELECTRIC INCLUDING PARTS AND ATTACHMENTS
34336	HEATING EQUIPMENT PARTS, EXCEPT ELECTRIC
36343	HEATING PADS, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
34211	HEDGE AND GRASS SHEARS (EXCEPT ELECTRIC)
35228	HEDGE TRIMMERS AND SHEARS, POWER
30696	HEELS AND SOLES, RUBBER
31310	HEELS, BOOT AND SHOE CUT STOCK
38312	HEIGHT FINDERS (FIRE CONTROL EQUIPMENT) MADE IN OPTICAL PLANTS
19410	HEIGHT FINDERS (FIRE CONTROL EQUIPMENT) NOT MADE IN OPTICAL PLANT
34930	HELICAL STEEL SPRINGS, HOT WOUND
37211	HELICOPTER MILITARY AIRCRAFT
28134	HELIUM, INDUSTRIAL
28347	HEMATINICS, EXCEPT VITAMIN B-12 PHARMACEUTICAL, FOR HUMAN USE
28343	HEMOSTATICS (FOR CONTROL OF CAPILLARY, VENOUS OR ARTERIAL BLEEDING)
22982	HEMP CORDAGE AND TWINE SOFT-FIBER
22992	HEMP THREAD
23959	HEMSTITCHING FOR THE TRADE (CONTRACT RECEIPTS)
20151	HENS, CHICKEN, DRESSED AND PACKED
28790	HERBICIDAL PREPARATIONS
36795	HERMETIC SEALS FOR ELECTRONIC APPLICATION
20310	HERRING, SMOKED FISH
25144	HI-FI CABINETS, METAL
25111	HI-FI CABINETS, WOOD, PAINTED OR FINISHED
22114	HICKORY-STRIPES, STRIPED COTTON TWILL WEAVE FABRIC (GRAY GOODS)
20119	HIDES, SKINS, AND PELTS
25116	HIGH CHAIRS, AND COMBINATION FEEDING CHAIR-TABLES, WOOD, PAINTED OR FINISHED
25144	HIGH CHAIRS, METAL, FOR INFANTS AND CHILDREN

Code	Product
27311	HIGH SCHOOL TEXTBOOKS, PRINTING AND PUBLISHING
36730	HIGH VACUUM TUBES, ELECTRONIC
32640	HIGH VOLTAGE PORCELAIN PRODUCTS SHIPPED WITH OR WITHOUT HARDWARE PARTS
34294	HINGES, BUILDERS HARDWARE
37150	HITCHES, TRAILER TRUCK
39410	HOBBY HANDICRAFT, STRUCTURAL, AND MODEL KITS, SETS AND COMPONENTS
35451	HOBS, GEARS, SPLINE, SERRATION AND SPROCKETS, SMALL CUTTING TOOLS
34233	HOES
31114	HOG AND PIG LEATHER, FINISHED
35228	HOG EQUIPMENT, FEEDING, HANDLING, WATERING, ETC. (FARM)
24218	HOGSHEAD, STOCK, TOBACCO, WOOD
24450	HOGSHEADS, WOODEN SLACK AND TIGHT COOPERAGE
35361	HOISTS, HAND AND ELECTRIC CHAIN AND WIRE ROPE INCLUDING PARTS AND ATTACHMENTS FOR HOISTS SOLD SEPARATELY
35361	HOISTS, PARTS AND ATTACHMENTS, SOLD SEPARATELY
39141	HOLLOW WARE, STERLING SILVER, PLATED STAINLESS STEEL AND ALUMINUM
31990	HOLSTERS, LEATHER
28443	HOME WAVE KITS AND REFILLS
20333	HOMINY, CANNED
20413	HOMINY, EXCEPT CANNED FOR HUMAN CONSUMPTION
20413	HOMINY FOR HUMAN OR ANIMAL CONSUMPTION
35511	HOMOGENIZERS FOR DAIRIES
20999	HONEY, BLENDED, INCLUDING CHURNED
35414	HONING AND LAPPING MACHINES
38423	HOODS, EYE AND FACE PROTECTION
34443	HOODS, RANGE KITCHEN, SHEET METAL
22790	HOOKED CARPETS AND RUGS
24290	HOOPS, MADE IN SAWMILLS
23392	HOOVERS, WOMEN'S AND MISSES' WASHABLE SERVICE APPAREL
37141	HORNS, AUTO
31114	HORSE LEATHER, FINISHED
24995	HORSES, WOODEN, SCAFFOLDING EQUIPMENT
28232	HORSEHAIR RAYON
20353	HORSERADISH
33152	HORSESHOE NAILS, STEEL CUT
28341	HORMONE PREPARATIONS, IN COMBINATION WITH OTHER ACTIVE AGENTS, PHARMACEUTICAL, FOR HUMAN USE
28331	HORMONES, SYNTHETIC BULK
28349	HORMONES, VETERINARY, PHARMACEUTICAL
34946	HOSE AND FITTINGS AND HOSE ASSEMBLIES FOR HYDRAULIC, PNEUMATIC, AND FLUID TRANSFER SYSTEMS (EXCEPT PLUMBERS' BRASS GOODS)
30692	HOSE, COTTON, RUBBER LINED
30692	HOSE, FIRE-COMMERCIAL, COTTON RUBBER LINED, CIRCULAR WOVEN
34295	HOSE FITTINGS AND COUPLINGS
35992	HOSE, FLEXIBLE, METAL
30692	HOSE, GARDEN, MOLDED RUBBER
30697	HOSE, GASOLINE, RUBBER
30692	HOSE, HORIZONTAL REINFORCED, TEXTILE WIRE, RUBBER
34320	HOSE NOZZLES, AND LAWN SPRINKLERS
30692	HOSE, RUBBER, MOLDED
30692	HOSE, R. R. SPECIFICATION RUBBER
23890	HOSE SUPPORTERS
30692	HOSE, VERTICAL BRAIDED, GARDEN AND RADIATOR, RUBBER
30692	HOSE WRAPPED RUBBER
22524	HOSIERY, BOYS' AND MEN'S, ALL TYPES, SHIPPED IN THE GREIGE
22523	HOSIERY FOR BOYS, FINISHED AND SEAMLESS, INCLUDING SLACK AND KNEE-LENGTH, ATHLETIC AND CREW SOCKS MADE OF COTTON, ALL OTHER YARNS AND MIXTURES
22524	HOSIERY, MISSES' AND CHILDREN'S ANKLETS AND SOCKS EXCEPT MISSES' KNEE-LENGTH SOCKS, SHIPPED IN THE GREIGE
22523	HOSIERY FOR MISSES AND CHILDREN, FINISHED AND SEAMLESS, INCLUDING ANKLETS, ATHLETIC, CREW AND KNEE-LENGTH SOCKS
25990	HOSPITAL BEDS
25153	HOSPITAL BEDSPRINGS, ALL TYPES, INCLUDING MANUAL OR MOTORIZED
34614	HOSPITAL UTENSILS, STAMPED AND SPUN ALUMINUM METAL
34615	HOSPITAL UTENSILS, STAMPED AND SPUN METAL, EXCEPT ALUMINUM
25142	HOSTESS CARTS, METAL KITCHEN FURNITURE
34334	HOT BLAST STOVES, DOMESTIC HEATING
27910	HOT METAL AND RELATED TYPESETTING SERVICES, INCLUDING HAND AND MACHINE TYPESETTING
36343	HOTPLATES, ELECTRIC HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
36312	HOTPLATE, GAS, HOUSEHOLD
33124	HOT-ROLLED STEEL BARS AND BAR SHAPES
33123	HOT-ROLLED STEEL SHEET AND STRIP, CARBON, ALLOY AND STAINLESS STEEL
34336	HOT WATER STORAGE TANKS
23920	HOUSEFURNISHINGS, TEXTILE, EXCEPT EMBROIDERED, MADE FROM PURCHASED FABRIC
31420	HOUSE SLIPPERS
37910	HOUSETRAILER
24332	HOUSES, PREFABRICATED WOOD
23840	HOUSECOATS, WOMEN'S, MISSES', AND JUNIORS'
28423	HOUSEHOLD AMMONIA
34522	HOUSEHOLD APPLIANCE HEADED PRODUCTS, NONSTANDARD
34510	HOUSEHOLD APPLIANCE, SCREW MACHINE PRODUCTS (INCLUDING RADIO AND TELEVISION)
26432	HOUSEHOLD BAGS (ALL MATERIALS) (GARBAGE, LUNCH, SANDWICH, ETC.)
28415	HOUSEHOLD DETERGENTS
28192	HOUSEHOLD DRY BLEACHES, INORGANIC BASE
25144	HOUSEHOLD FURNITURE (NOT PORCH, OUTDOOR, OR LAWN) METAL UPHOLSTERED
25190	HOUSEHOLD FURNITURE, REED OR RATTAN
25117	HOUSEHOLD FURNITURE SOLD IN KITS, UNASSEMBLED
25121	HOUSEHOLD FURNITURE, WOOD, UPHOLSTERED
28421	HOUSEHOLD INSECTICIDES AND REPELLANTS
28192	HOUSEHOLD LIQUID BLEACHES SODIUM HYPOCHLORITE
22411	HOUSEHOLD TAPE, WOVEN, INCLUDING CARPET TAPE, BLANKET TAPE, SLIP COVER TAPE
22411	HOUSEHOLD WEBBING, DRAPERY AND FURNITURE WEBBING, WOVEN NARROW FABRIC
19110	HOWITZERS, GUNS, MORTARS, OVER 30 MM. (OR OVER 1.18 INCHES)
37141	HUB AND DRUM ASSEMBLIES, MOTOR VEHICLE
23929	HUCK AND CRASH TOWELS, COTTON MADE FROM PURCHASED FABRIC
22119	HUCK AND CRASH TOWELS, COTTON MADE IN BROADWOVEN FABRIC MILLS
22114	HUCK(COTTON BROADWOVEN TOWELING) (GRAY GOODS)
20922	HULL MEAL, SOYBEAN
20914	HULLS, COTTONSEED BYPRODUCTS
36343	HUMIDIFIERS, PORTABLE, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
38213	HUMIDITY INSTRUMENTS
28163	HYDRATED CHROMIUM OXIDE PIGMENT
35992	HYDRAULIC CYLINDERS
35612	HYDRAULIC FLUID POWER PUMPS AND MOTORS
29920	HYDRAULIC FLUIDS MADE FROM PURCHASED MATERIALS
29117	HYDRAULIC FLUIDS, MADE IN REFINERIES
37291	HYDRAULIC SYSTEMS, AIRCRAFT
35111	HYDRAULIC TURBINE GENERATOR SET UNITS AND PARTS
35112	HYDRAULIC TURBINES AND PARTS
34942	HYDRAULIC VALVES, ALL PRESSURES
28194	HYDROCHLORIC, FROM SALT OR CHLORINE, INORGANIC ACIDS
28194	HYDROFLUORIC, ACIDS
28134	HYDROGEN, INDUSTRIAL
28199	HYDROGEN PEROXIDE
20943	HYDROGENATED FISH, MARINE, ANIMAL OILS, INEDIBLE
20961	HYDROGENATED OILS, EDIBLE, ANIMAL OR VEGETABLE
27413	HYDROGRAPHIC CHARTS, PUBLISHING
20460	HYDROL (WET PROCESS CORN BYPRODUCT)
28196	HYDROXIDE, ALUMINUM COMPOUNDS
27314	HYMNAL
28342	HYPNOTICS, TRANQUILIZERS, AND SEDATIVES, FOR HUMAN USE
38410	HYPODERMIC SYRINGES AND NEEDLES
36624	I.L.S. EQUIPMENT (FOR NAVIGATION)
30697	ICE BAGS AND CAPS, RUBBER
36321	ICEBOXES (METAL OR WOOD), HOUSEHOLD ONLY
35811	ICE COIN-OPERATED VENDING MACHINES
20240	ICE CREAM
20721	ICE CREAM COATING MADE CHIEFLY FROM COCOA POWDER AND FAT OTHER THAN COCOA BUTTER
20522	ICE CREAM CONES AND CUPS (BAKERY PRODUCT)
35511	ICE CREAM FREEZERS, INDUSTRIAL
35853	ICE CREAM HARDENING AND STORAGE CABINETS, COMMERCIAL
20234	ICE CREAM MIX, UNFROZEN, MADE IN CONDENSED AND EVAPORATED MILK PLANTS
36343	ICE CRUSHERS, HOUSEHOLD, ELECTRIC (EXCEPT PARTS AND ATTACHMENTS)
35851	ICEMAKING MACHINES
20970	ICE, MANUFACTURED, EXCEPT DRY ICE
20240	ICE MILK
20234	ICE MILK MIX, UNFROZEN MADE IN CONDENSED AND EVAPORATED MILK PLANTS
39493	ICE SKATES
20240	ICES, WATER
36945	IGNITION COILS FOR INTERNAL COMBUSTION ENGINES
36946	IGNITION DISTRIBUTOR PARTS, INCLUDING HEADS ROTORS, BREAKER POINTS SETS AND CONDENSERS FOR ENGINE ELECTRICAL EQUIPMENT
36941	IGNITION HARNESS AND CABLE SETS FOR INTERNAL COMBUSTION ENGINES FOR AUTO, AIRCRAFT, TRACTOR, AND STATIONERY ENGINES
36945	IGNITION MAGNETOS
36121	IGNITION TRANSFORMERS
36945	IGNITION UNITS, JET FOR INTERNAL COMBUSTION ENGINES
36240	ILLUMINATION CARBONS
35482	IMPACT WRENCHES, POWER-DRIVEN HANDTOOL
35663	INBOARD MARINE GEAR TRANSMISSIONS
37321	INBOARD MOTOR BOATS, ALL TYPES
36410	INCANDESCENT LIGHT BULBS
36421	INCANDESCENT LIGHTING FIXTURES AND EQUIPMENT RESIDENTIAL, EXCEPT PORTABLE (EXCEPT BULBS, PARTS AND ACCESSORIES)
36423	INCANDESCENT LIGHTING FIXTURES, INDUSTRIAL AND COMMERCIAL (EXCEPT PARTS, ACCESSORIES, AND BULBS)
35595	INCANDESCENT LAMPMAKING MACHINERY
36427	INCANDESCENT PORTABLE LAMPS RESIDENTIAL, EXCEPT BULB
28993	INCENSE
34336	INCINERATORS, DOMESTIC, METAL
35228	INCUBATORS, FARM POULTRY EQUIPMENT
38421	INCUBATORS, INFANTS
26451	INDEX CARDS, PAPER DIE-CUT
27822	INDEXES FOR LOOSELEAF BINDERS
35673	INDUCTION FURNACES AND HEATING EQUIPMENT
36112	INDUCTOR MEASURING EQUIPMENT
24217	INDUSTRIAL CUT STOCK, SOFTWOOD
24262	INDUSTRIAL DIMENSION STOCK, FOR HANDLES, GOLF CLUBS, AGRICULTURAL
24262	IMPLEMENTS, RAILROAD CARS, VEHICLE AND LADDER PARTS, SKIS, GUNSTOCKS, ETC.
38513	INDUSTRIAL EYE PROTECTORS, MOUNTINGS AND PARTS
34522	INDUSTRIAL FASTENERS (NONSTANDARD)
34521	INDUSTRIAL FASTENERS, STANDARD
31210	INDUSTRIAL LEATHER BELTING AND PACKING
35442	INDUSTRIAL MOLDS, EXCEPT METAL
35672	INDUSTRIAL OVENS, FUEL FIRED (EXCEPT PARTS AND ATTACHMENTS)
24262	INDUSTRIAL PARTS, FABRICATED AND SEMIFABRICATED, HARDWOOD DIMENSION STOCK
35650	INDUSTRIAL PATTERNS OF WOOD, METAL, ETC., EXCEPT SHOE PATTERNS
30795	INDUSTRIAL PLASTICS PRODUCTS
30113	INDUSTRIAL PNEUMATIC AND SOLID TIRES
35673	INDUSTRIAL PROCESS FURNACES AND OVENS, PARTS AND ATTACHMENTS ONLY
38213	INDUSTRIAL PROCESS INSTRUMENTS
35611	INDUSTRIAL PUMPS, EXCEPT HYDRAULIC FLUID POWER
35370	INDUSTRIAL TRUCKS AND TRACTORS, PARTS AND ATTACHMENTS
33575	INDUSTRIAL WIRE CLOTH, NONFERROUS MADE IN WIREDRAWING PLANT
34815	INDUSTRIAL WIRE CLOTH, NONFERROUS NOT MADE BY WIREDRAWERS
33157	INDUSTRIAL WIRE CLOTH, STEEL, MADE IN WIREDRAWING PLANT
34814	INDUSTRIAL WIRE CLOTH, STEEL NOT MADE BY WIREDRAWERS
31416	INFANTS' AND BABIES' SHOES
20231	INFANTS' DIETARY SUPPLEMENTS, DRY MILK BASE
22523	INFANTS' FINISHED HOSIERY, ALL TYPES
20231	INFANTS' FORMULAS, LIQUID, CANNED
25144	INFANTS' METAL PLAYPENS, HIGH CHAIRS, TABLES
36749	INFRARED DETECTORS (LIGHT SENSITIVE, SEMICONDUCTOR)
36426	INFRARED HEALTH LAMP FIXTURES
36410	INFRARED LAMP UNITS (BULBS ONLY)
33347	INGOT, ALUMINUM, PRIMARY PRODUCTION
33527	INGOT, ALUMINUM, PRODUCED IN ROLLING MILLS
33417	INGOT, ALUMINUM, SECONDARY SMELTERS
33122	INGOT, CARBON, ALLOY, AND STAINLESS STEEL
33211	INGOTS, MOLDS AND STOOLS, FOR GRAY-IRON, HEAVY STEEL
28344	INHALER TUBES, FOR COUGH AND COLD
39510	INK CARTRIDGES REFILL FOR BALLPOINT PENS
28930	INK, PRINTING
35552	INK ROLLERS, PRINTING TYPE, PRINTING TRADE MACHINERY
39550	INKED RIBBONS
28930	INKS, GRAVURE, PRINTING

Code	Product
28930	INKS, LITHOGRAPHIC AND OFFSET
28930	INKS LETTERPRESS, BLACK OR COLOR
28930	INKS, TEXTILE PRINTING
28993	INKS WRITING AND STAMP PAD, INDELIBLE AND MARKING, EXCEPT DRAWING
30114	INNERTUBES FOR VEHICLE, AIRCRAFT TRACTOR AND IMPLEMENTS
25151	INNERSPRING MATTRESS, EXCEPT CRIB AND BABY
28194	INORGANIC ACIDS, EXCEPT NITRIC AND SULFURIC
28163	INORGANIC COLOR PIGMENTS
28332	INORGANIC MEDICINAL CHEMICALS IN BULK
30796	INSECT SCREENING, PLASTICS
33575	INSECT WIRE SCREENING, NONFERROUS MADE IN WIREDRAWING PLANT
34815	INSECT WIRE SCREENING NONFERROUS COPPER OR ALUMINUM-NOT MADE BY WIREDRAWERS
33157	INSECT WIRE SCREENING, STEEL, MADE IN WIREDRAWING PLANT
34814	INSECT WIRE SCREENING STEEL, NOT MADE BY WIREDRAWERS
28790	INSECTICIDAL AND FUNGICIDAL PREPARATIONS, AGRICULTURE
28421	INSECTICIDES AND REPELLANTS, HOUSEHOLD
23990	INSIGNIA, FROM TEXTILE PURCHASED FABRIC
39112	INSIGNIA, MILITARY, OF PRECIOUS METALS, EXCEPT PLATINUM AND CARAT GOLD
31720	INSTRUMENT CASES, EXCEPT MUSICAL
36113	INSTRUMENT, ELECTRICAL INDICATING, PANEL, INDUSTRIAL AND LABORATORY
36113	INSTRUMENT RELAYS, ELECTRIC
38211	INSTRUMENTS, AIRCRAFT ENGINE, EXCEPT FLIGHT
38311	INSTRUMENTS AND LENSES, OPTICAL
38430	INSTRUMENTS, DENTAL
36113	INSTRUMENTS, ELECTRICAL, FOR MEASURING ELECTRICAL QUANTITIES BUT WHOSE SCALES MAY BE MARKED IN OTHER THAN ELECTRICAL QUANTITIES
36113	INSTRUMENTS, ELECTRICAL SWITCHBOARD
38216	INSTRUMENTS FOR DETECTING AND MEASURING RADIO ACTIVITY
38213	INSTRUMENTS, INDUSTRIAL, PROCESS, THERMOMETERS, PYROMETERS, HUMIDITY
36111	INSTRUMENTS, INTEGRATING, ELECTRICAL
38112	INSTRUMENTS, LABORATORY AND SCIENTIFIC
38214	INSTRUMENTS, MOTOR VEHICLE, EXCEPT ELECTRIC
39314	INSTRUMENTS, MUSICAL, EXCEPT PIANO AND ORGAN
38111	INSTRUMENTS, NAVIGATIONAL, AIRCRAFT FLIGHT AND NAUTICAL, INCLUDING AUTOMATIC PILOT
38216	INSTRUMENTS, NUCLEAR RADIATION COUNTERS
38410	INSTRUMENTS, SURGICAL AND MEDICAL
38113	INSTRUMENTS, SURVEYING AND DRAFTING
25223	INSULATED FILING CABINETS, METAL
33577	INSULATED MAGNET STRIP CONDUCTOR
33574	INSULATED WIRE AND CABLE (COMMUNICATION) PULP AND PAPER, LEAD, POLYETHYLENE, ETC.
26611	INSULATING BOARD
22953	INSULATING FABRICS, VARNISHED
32550	INSULATING FIRE BRICK AND SHAPES, CLAY REFRACTORIES
26611	INSULATING ROOF DECK SLAB
22411	INSULATING TAPES, ELECTRIC, WOVEN NARROW FABRIC
32933	INSULATION, ASBESTOS
30792	INSULATION, FOAMED PLASTICS
32962	INSULATION, MINERAL WOOL, FOR INDUSTRIAL AND EQUIPMENT
32961	INSULATION, MINERAL WOOL, STRUCTURAL
24994	INSULATION PRODUCTS, CORK
28993	INSULATION PRODUCTS, HEAT ELECTRIC, ETC.
30693	INSULATION PRODUCTS, RUBBER
32640	INSULATORS, PORCELAIN, HIGH AND LOW VOLTAGE, SUSPENSION TYPE, SWITCH, CAP, PIN, POST, AND SPOOLS
28341	INSULIN
27514	INSURANCE FORMS, FINANCIAL AND LEGAL, PRINTED BY LETTERPRESS
27524	INSURANCE FORMS PRINTED BY LITHOGRAPHIC
27530	INTAGLIO PLATES MADE FOR OTHERS
36212	INTEGRAL HORSEPOWER MOTORS AND GENERATORS, OTHER THAN FOR LAND TRANSPORTATION EQUIPMENT
35317	INTEGRAL TRACTOR-SHOVEL LOADERS, WHEEL AND TRACKLAYING, EXCEPT PARTS
36111	INTEGRATING INSTRUMENTS, ELECTRICAL
36741	INTEGRATED MICROCIRCUITS (SEMICONDUCTOR NETWORKS)
38212	INTEGRATING METERS, NONELECTRICAL TYPE
36623	INTERCOMMUNICATION EQUIPMENT, ELECTRONICALLY AMPLIFIED (EXCEPT TELEPHONE AND TELEGRAPH)
28513	INTERIOR OIL-TYPE PAINTS TRADE SALE
20620	INVERT SUGAR CANE
28199	IODINE, CRUDE OR RESUBLIMED
28346	IODINE, TINCTURE OF
34413	IRON AND STEEL, FABRICATED STRUCTURAL (EXCEPT FOR BRIDGES AND BUILDINGS)
34412	IRON AND STEEL, FABRICATED STRUCTURAL, FOR BRIDGES ONLY
34411	IRON AND STEEL, FABRICATED STRUCTURAL FOR BUILDINGS ONLY
33991	IRON AND STEEL POWDER AND PASTE PRIMARY
33151	IRON AND STEEL WIRE ROPE, CABLE AND STRAND NONINSULATED, FERROUS, MADE IN WIREDRAWING PLANT
34811	IRON AND STEEL WIRE ROPE, CABLE AND STRAND NONINSULATED, FERROUS-NOT PRODUCED BY WIREDRAWERS
28163	IRON BLUES, INORGANIC COLOR PIGMENTS
33220	IRON CASTINGS, MALLEABLE
28331	IRON (FERROUS) GLUCONATE, BULK
28163	IRON OXIDE PIGMENTS
33121	IRON, PIGMENT, PRODUCED BY BLAST FURNACE
35820	IRONERS, FLATWORK, COMMERCIAL LAUNDRIES
36332	IRONERS, MECHANICAL, HOUSEHOLD
34990	IRONING BOARDS, METAL
36343	IRONS, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
39530	IRONS, MARKING AND BRANDING
32721	IRRIGATION PIPE, CONCRETE
34442	IRRIGATION PIPE, METAL
23630	JACKETS (EXCEPT LEATHER), GIRLS' AND INFANTS', SIZES 2 TO 16
23710	JACKETS, FUR
23291	JACKETS, HEAVY OUTERWEAR, MEN'S, YOUTHS', AND BOYS' (EXCEPT LEATHER, SHEEPSKIN, SWEATERS, AND TAILORED JACKETS)
23860	JACKETS, LEATHER AND SHEEP LINED MEN'S, BOYS', WOMEN'S, MISSES', AND JUNIORS'
23292	JACKETS, LIGHT OUTERWEAR, WOVEN OR KNIT FABRIC, FOR MEN OR BOYS
23291	JACKETS, LUMBER, MEN'S AND BOYS'
22531	JACKETS, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
23291	JACKETS, MELTON, MEN'S AND BOYS'
23292	JACKETS, MEN'S AND BOYS', MADE FROM PURCHASED KNIT FABRIC
23113	JACKETS, MEN'S, TAILORED DRESS, LEISURE, AND SPORT
23282	JACKETS, OVERALL AND WORK, MEN'S AND BOYS'
23840	JACKETS, "SMOKING"
23119	JACKETS, TAILORED, MEN'S AND BOYS', (CONTRACT AND COMMISSION RECEIPTS)
23379	JACKETS, TAILORED, WOMEN'S, MISSES', AND JUNIORS' (CONTRACT AND COMMISSION WORK)
23374	JACKETS, WOMEN'S, MISSES', AND JUNIORS', INCLUDING UNIFORM, EXCEPT LEATHER
25155	JACKNIFE SOFA BEDS AND CHAIR BEDS
35690	JACKS, HYDRAULIC
34231	JACKS, MECHANICAL
24995	JACKS, WOODEN, FOR SCAFFOLD, WINDOW, ETC.
22116	JACQUARD TAPESTRY FABRICS COTTON (GRAY GOODS)
22116	JACQUARD-WOVEN BEDSPREAD FABRICS, COTTON (GRAY GOODS)
22114	JACQUARD-WOVEN COTTON TOWELING, (GRAY GOODS)
34422	JALOUSIES, ALUMINUM
20338	JAMS, DIETETIC
20338	JAMS, PURE
34790	JAPANNING OF METAL
30695	JAR RINGS, RUBBER
32210	JARS, FRUIT, GLASS
30794	JARS, PLASTICS
37221	JATO BOTTLES FOR AIRCRAFT
23690	JEANS, GIRLS', CHILDREN'S, AND INFANTS' MADE FROM WOVEN OR PURCHASED FABRIC
22112	JEANS, PLAIN AND HERRINGBONE (COTTON) (GRAY GOODS)
23393	JEANS, WOMEN'S AND MISSES'
20117	JELLIED MEAT GOODS, NOT CANNED, MADE IN MEATPACKING PLANT
20137	JELLIED MEAT GOODS, NOT CANNED NOT MADE IN MEATPACKING PLANT
20338	JELLIES, DIETETIC
20338	JELLIES, PURE AND IMITATION
22211	JERSEY WEAVES, 100% FILAMENT RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
23690	JERSEYS, GIRLS', CHILDREN'S, AND INFANTS' MADE FROM PURCHASED KNIT FABRICS
22531	JERSEYS, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
23292	JERSEYS, MEN'S AND BOYS', MADE FROM PURCHASED KNIT FABRIC
23393	JERSEYS, WOMEN'S, MISSES', AND JUNIORS', MADE FROM PURCHASED KNIT FABRIC
29112	JET FUEL, NAPTHA AND KEROSENE TYPE
29112	JET-PROPULSION FUEL
35613	JET PUMP, DOMESTIC
39130	JEWEL CUTTING, DRILLING, POLISHING, RECUTTING OR SETTING
39130	JEWEL PREPARING FOR INSTRUMENTS, TOOLS, WATCHES, AND JEWELRY
39120	JEWELERS' FINDINGS AND MATERIALS, PINS, CLASPS, SPRING RINGS, RING BLANKS
35595	JEWELERS' MACHINERY
31720	JEWELRY BOXES AND CASES, LEATHER
39610	JEWELRY, COSTUME, EXCEPT PRECIOUS METALS
39111	JEWELRY MADE OF PLATINUM METALS AND CARAT GOLD
39112	JEWELRY MADE OF PRECIOUS METALS, EXCEPT PLATINUM AND CARAT GOLD
35411	JIG BORING MACHINES
34250	JIG SAW BLADES, POWER
35482	JIG SAWS, POWER-DRIVEN HANDTOOL
35441	JIGS AND FIXTURES
34613	JOB STAMPING, AUTOMOTIVE
34612	JOB STAMPING, EXCEPT AUTOMOTIVE
24994	JOIN MATERIAL, EXPANSION, CORK
35531	JOINTERS, MATCHERS, MOLDERS, MORTISERS, SHAPERS, AND TENONERS, WOODWORKING MACHINERY, EXCEPT FOR HOME USE
32723	JOISTS, BEAMS, GIRDERS, AND PILINGS PRESTRESSED CONCRETE PRODUCTS
34293	JUGS, PICNIC, INSULATED
20371	JUICES AND ADES, FROZEN OR CHILLED (FRUIT)
20321	JUICES, CANNED (BABY FOODS ONLY)
20334	JUICES, (INCLUDING CONCENTRATED), FRUIT, CANNED, EXCEPT FROZEN
20335	JUICES, VEGETABLE, CANNED
22982	JUTE CORDAGE AND TWINE, SOFT FIBER
22910	JUTE, FELT, PUNCHED OR NEEDLED
22982	JUTE MANMADE SOFT FIBER ROPE
22992	JUTE WOVEN GOODS, EXCEPT FELT
22992	JUTE YARN
27315	JUVENILE BOOKS (EXCEPT TOY BOOKS)
20332	KALE, CANNED
24450	KEGS, WOODEN, INCLUDING RECOOPERED USED
29113	KEROSENE, EXCEPT JET FUEL
34334	KEROSENE HEATERS, PORTABLE, DOMESTIC
20336	KETCHUP (KATCHUP, CATSUP)
31720	KEY CASES
35418	KEYSEATING MACHINES FOR METALWORKING
31114	KID AND GOAT LEATHER, FINISHED
20110	KILLING FLOOR OFFAL (SLAUGHTERING HOUSE)
35595	KILNS AND LEHRS, INDUSTRIAL MACHINERY
23690	KIMONOS, INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC (SIZES 0 TO 1)
23413	KIMONOS, WOMEN'S AND CHILDREN'S NIGHTWEAR, MADE FROM WOVEN OR PURCHASED KNIT FABRICS
25142	KITCHEN CABINET, METAL
25114	KITCHEN CABINETS, WOOD, PAINTED OR FINISHED (FACTORY MADE), ASSEMBLED OR UNASSEMBLED
24317	KITCHEN CABINETS, WOOD, TO BE BUILT-IN PER CUSTOM SPECIFICATIONS
34211	KITCHEN CUTLERY
25142	KITCHEN FURNITURE, METAL EXCEPT DINING, DINETTE AND BREAKFAST
25113	KITCHEN FURNITURE – WOOD (EXCEPT CABINETS) FINISH AND PAINTED
32291	KITCHEN GLASSWARE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	KITCHEN GLASS WARE MADE FROM PURCHASED GLASS
32610	KITCHEN SINKS, VITREOUS CHINA, AND GLAZED EARTHENWARE
34611	KITCHEN UTENSILS OF VITREOUS ENAMEL
32630	KITCHENWARE, FINE EARTHWARE HOUSEHOLD AND COMMERCIAL
32291	KITCHENWARE, GLASS FROM GLASS PRODUCED IN SAME ESTABLISHMENT
32316	KITCHENWARE, GLASS, MADE FROM PURCHASED GLASS
30797	KITCHENWARE, PLASTIC
32620	KITCHENWARE, PORCELAIN HOUSEHOLD AND COMMERCIAL
32620	KITCHENWARE, VITREOUS CHINA
33159	KITCHENWARE WIRE PRODUCTS, FERROUS, MADE IN WIREDRAWING PLANTS
36515	KITS, ELECTRONIC, HOME-TYPE
37322	KITS, PREFABRICATED, OUTBOARD MOTORBOATS
36622	KITS, RADIO AMATEUR, ELECTRONIC, ASSEMBLED BY CONSUMER

Code	Product
36730	KLYSTRONS TUBES
23271	KNICKERS, SEPARATE DRESS, MEN'S AND BOYS'
36343	KNIFE SHARPENERS ELECTRIC HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
20512	KNISHES
22562	KNIT CLOTH, CIRCULAR KNIT (GRAY GOODS) A KNIT FABRIC MILL PRODUCT
22561	KNIT CLOTH, WARP KNIT IN THE GREIGE (GRAY) (TRICOT, RASCHEL, SIMPLEX, MILANESE) SHIPPED OR TRANSFERRED FROM KNIT FABRIC MILL FOR FINISHING ELSEWHERE
22533	KNIT DRESSES AND SUITS FROM YARN OR FABRIC KNIT IN THE SAME ESTABLISHMENT
22562	KNIT FABRIC, SINGLE AND DOUBLE CIRCULAR KNIT AND FINISHED IN KNIT FABRIC MILL
22562	KNIT FABRICS, CIRCULAR A KNIT FABRIC MILL PRODUCT
22569	KNIT FABRICS, COMMISSION KNITTING AND/OR DYEING PRODUCED IN A KNIT FABRIC MILL
22561	KNIT FABRICS, WARP KNIT AND FABRIC FINISHED IN A KNIT FABRIC MILL
22531	KNIT JACKETS, JERSEYS OR SWEATERS MADE FROM YARNS OR FABRICS KNIT IN SAME ESTABLISHMENT
22561	KNIT LACE PRODUCED IN A KNIT FABRIC MILL
22543	KNIT NIGHTWEAR, WOMEN'S AND CHILDREN'S - MADE FROM YARNS AND FABRICS KNIT IN SAME ESTABLISHMENT
23612	KNIT SPORT SHIRTS, GIRLS' AND CHILDREN'S, MADE FROM PURCHASED FABRIC
22533	KNIT SWIMWEAR MADE FROM YARN AND FABRICS KNIT IN THE SAME ESTABLISHMENT
22790	KNITTED CARPETS AND RUGS, WOOL, COTTON AND MANMADE FIBERS
22569	KNITTING AND/OR DYEING KNIT FABRICS (COMMISSION RECEIPTS) PRODUCED IN A KNIT FABRIC MILL
35521	KNITTING MACHINES, TEXTILE AND HOSIERY
22539	KNITTING OUTERWEAR PRODUCTS (COMMISSION RECEIPTS)
22813	KNITTING YARNS, SPUN, RAYON AND/OR ACETATE-GRAY OR FINISHED IN SPINNING MILLS
22814	KNITTING YARNS, NONCELLULOSIC MANMADE FIBER AND SILK, GRAY OR FINISHED IN YARN SPINNING MILL
34211	KNIVES, POCKET AND OTHER FOLDING BLADE KNIVES
39142	KNIVES, TABLE, OF METAL
20860	KOLA EXTRACT DRINKS, BOTTLED AND CANNED DIETETIC OR NONDIETETIC
20872	KOLA EXTRACT FLAVORING, LIQUID BEVERAGE BASES, EXCEPT SYRUP
20873	KOLA EXTRACT OR FLAVORING SIRUPS FOR USE BY SOFT DRINK BOTTLERS
26217	KRAFT PAPER, UNBLEACHED AND COARSE, WRAPPING, BAG, AND SACK, SHIPPING SACK
35690	LABELING AND MARKING MACHINES EXCEPT FOOD, TOBACCO, LIQUOR, AND DAIRY PRODUCTS
27522	LABELS AND WRAPPERS PRINTED BY LITHOGRAPHIC
27512	LABELS AND WRAPPERS PRINTING, BY LETTERPRESS
26413	LABELS, GUMMED UNPRINTED STOCK
26414	LABELS, PRESSURE SENSITIVE, UNPRINTED
27518	LABELS PRINTED BY GRAVURE LABELS
27519	LABELS, SCREEN PROCESS OF DECAL LABELS, EXCEPT TEXTILE
26495	LABELS, UNPRINTED, EXCEPT GUMMED
22411	LABELS, WOVEN, NARROW FABRIC
38112	LABORATORY AND SCIENTIFIC INSTRUMENTS
38113	LABORATORY FURNITURE
23392	LABORATORY JACKETS, WOMEN'S, MISSES', AND JUNIORS' WASHABLE
38113	LABORATORY PRECISION BALANCES
22411	LACE, AUTO WIND
22920	LACE GOODS
22920	LACE, LEVERS MACHINE PRODUCTS--INCLUDING ALLOVER, EDGING, INSERTIONS, GALLONS, FLOUNCINGS
22920	LACE-NOTTINGHAM MACHINE PRODUCTS INCLUDING CURTAINS
35521	LACE TEXTILE FABRIC MACHINERY
22414	LACES, BRAIDED, BOOT, SHOE, CORSET, ETC., NOT LEATHER
34790	LACQUERING OF METAL
28517	LACQUERS, INDUSTRIAL
28515	LACQUERS, TRADE SALES, CLEAR AND PIGMENTED
28185	LACTIC ACID
24262	LADDER PARTS AND STOCK DIMENSION, HARDWOOD, INDUSTRIAL
34990	LADDERS, METAL, STEP AND RUNG (PORTABLE)
24995	LADDERS, WOODEN
20515	LADY FINGERS (PASTRY) NOT FROZEN
28153	LAKES, SYNTHETIC ORGANIC, PIGMENTS
31113	LAMB LEATHER, FINISHED
20113	LAMB, NOT CANNED OR MADE INTO SAUSAGE
26415	LAMINATED AND COATED FILMS AND PAPERS, EXCEPT POLYETHYLENE AND FOIL
26416	LAMINATED OR COATED ROLLS AND SHEETS, PLAIN OR PRINTED, POLYETHYLENE LAMINATED OR COATED TO MATERIALS OTHER THAN FOIL
24324	LAMINATED PANELS, PLYWOOD TYPE FROM PURCHASED PLYWOOD
30793	LAMINATED SHEETS, RODS, TUBES MADE OF PLASTICS
32113	LAMINATED GLASS, INCLUDING SAFETY GLASS, FROM GLASS PRODUCED IN SAME ESTABLISHMENT
32313	LAMINATED GLASS, INCLUDING SAFETY GLASS, FROM PURCHASED GLASS
22953	LAMINATED FABRICS
26415	LAMINATED OR COATED WRAPPERS, EXCEPT WAXED
26452	LAMINATED PAPERBOARD
26495	LAMINATED WALLBOARD, PAPER
24331	LAMINATES, WOOD FOR FABRICATED BUILDING
32690	LAMP BASES, POTTERY
28163	LAMP BLACK PIGMENT
36992	LAMP BULB COMPONENTS, EXCEPT GLASS BLANKS
36430	LAMP BULB HOLDERS, EXCEPT AUTO
36410	LAMP BULBS, ELECTRIC, INCLUDING SEALED BEAM LAMPS
36421	LAMP FIXTURES ELECTRIC RESIDENTIAL, EXCEPT PORTABLE (EXCEPT PARTS, ACCESSORIES, AND BULBS)
39995	LAMPSHADES
36930	LAMPS, X-RAY
36213	LAND TRANSPORTATION MOTORS, GENERATORS, AND CONTROL EQUIPMENT AND PARTS
37291	LANDING GEARS FOR AIRCRAFT
20943	LANOLIN, REFINED
36426	LANTERNS
24994	LAGS, CORK
34521	LAGSCREWS, FERROUS AND NONFERROUS
39130	LAPIDARY WORK AND DIAMOND CUTTING AND POLISHING
20115	LARD (EXCEPT SHORTENING) MADE IN MEATPACKING PLANTS
24262	LAST BLOCKS, ROUGH TURNED, DIMENSION STOCKS, HARDWOOD
24995	LAST SOLE PATTERNS, REGARDLESS OF MATERIAL
24995	LASTS FOR BOOTS AND SHOES, WOOD OR METAL (INCLUDING REMOLDED LASTS)
30693	LATEX FOAM RUBBER, FOR AUTOMOTIVE, UPHOLSTERY, MATTRESSES, PILLOWS, CARPET AND RUG CUSHIONS, PADDING, ETC.
34493	LATH, METAL, EXPANDED
24218	LATH WOOD, STOCK SNOW FENCE
35532	LATHES, HOME WORKSHOPS, GARAGES, SERVICE SHOPS FOR WOODWORKING
35415	LATHES, METAL-CUTTING TYPE, FOR FACTORIES
35418	LATHES, METAL-CUTTING TYPE, FOR HOME WORKSHOP, GARAGES, ETC.
35531	LATHES, WOODWORKING MACHINERY, EXCEPT FOR HOME USE
23920	LAUNDRY BAGS, MADE FROM PURCHASED FABRIC
35820	LAUNDRY EXTRACTORS, IRONERS, PRESSES, COMMERCIAL
36332	LAUNDRY EQUIPMENT, HOUSEHOLD, OTHER THAN MECHANICAL WASHING MACHINES, DRYERS, AND WASHER-DRYER COMBINATIONS
35820	LAUNDRY MACHINERY AND EQUIPMENT, COMMERCIAL
28423	LAUNDRY STARCH PREPARATIONS
34334	LAUNDRY STOVES, DOMESTIC
34310	LAUNDRY TRAYS, ENAMELED IRON AND STEEL
34320	LAUNDRY-TRAY FAUCETS
32610	LAUNDRY TRAYS, VITREOUS CHINA AND GLAZED EARTHENWARE
28183	LAURIC ACID
28182	LAURYL PEROXIDE ACYCLIC
34310	LAVATORIES, ENAMELED IRON OR STEEL
32610	LAVATORIES, VITREOUS CHINA, AND GLAZED EARTHENWARE
34320	LAVATORY FITTINGS BRASS GOODS
27313	LAW BOOKS
35227	LAWN EDGERS
22115	LAWN, FINE COTTON, COMBED, PART COMBED AND FINE CARDED (GRAY GOODS)
25143	LAWN FURNITURE, METAL
25117	LAWN FURNITURE, WOOD
35227	LAWNMOWERS INCLUDING HAND POWER (REEL OR ROTARY) AND GANG-CUTTING UNITS
35227	LAWN SWEEPERS
28345	LAXATIVES, STOMACH, ULCER PREPARATIONS FOR HUMAN USE
33323	LEAD ALLOYED AND UNALLOYED-REFINED PRIMARY
33323	LEAD AND TIN-BASE ALLOYS, ANTIMONIAL BABBITT, SOLDER, TYPE METAL-REFINED PRIMARY
33413	LEAD AND TIN-BASE ALLOYS, SECONDARY REFINING, ANTIMONIAL, BABBITT, SOLDER AND TYPE, METAL
28199	LEAD COMPOUNDS, INORGANIC CHEMICALS
33574	LEAD-COVERED TELEPHONE AND TELEGRAPH CABLE, PRODUCED IN A WIREDRAWING PLANT
33413	LEAD, INGOT, SHOT, SECONDARY SMELTING AND REFINING
33321	LEAD, MATTE, SPEISS AND BASE BULLION, PRIMARY SMELTED
39521	LEAD PENCILS, CRAYONS, AND CHALK
33323	LEAD, PIG, INGOT, SHOT, REFINED PRIMARY METAL
33560	LEAD, PIPE TUBING, TRAPS AND BENDS, ROLLED, DRAWN OR EXTRUDED NONFERROUS METAL MILL
33323	LEAD, REFINED, PRIMARY
33413	LEAD, SMELTING OR REFINING, SECONDARY
33321	LEAD SMELTER PRODUCTS, PRIMARY
33413	LEAD, UNALLOYED, SECONDARY REFINERS
32316	LEADED GLASS, MADE OF PURCHASED GLASS
34970	LEAF FOIL GOLD, OR COLORED ALUMINUM
34930	LEAF SPRINGS, AUTO, FARM, AND OTHER HEAVY EQUIPMENT MADE OF STEEL
20332	LEAFY GREENS, CANNED
22952	LEATHER, ARTIFICIAL, EXCEPT PAPER
31111	LEATHER, BELTING AND MECHANICAL, FINISHED CATTLE HIDE
31210	LEATHER BELTING AND PACKING, INDUSTRIAL
31114	LEATHER, CABRETTA, FINISHED
31111	LEATHER, CATTLE HIDE AND KIP SIDE LEATHERS, FINISHED
23860	LEATHER CLOTHING
28424	LEATHER DRESSINGS AND FINISHINGS INCLUDING BLACKINGS AND STAINS, EXCLUDING SHOE POLISH
31114	LEATHER, FINISHED FROM GOATS, KID, HORSE, COLT, MULE, ASS, PONY, PIG, HOG
32932	LEATHER GASKETS
31510	LEATHER GLOVES AND MITTENS, WORK AND DRESS, MEN, WOMEN, AND CHILDREN
31114	LEATHER, GOAT AND KID, FINISHED
31990	LEATHER NOVELTIES
31720	LEATHER PERSONAL GOODS, INCLUDING KEY, CIGARETTE, EYEGLASS, PASS CARD, AND VANITY CASES, TOBACCO POUCHES AND COSMETIC BAGS
31115	LEATHER, ROUGH RUSSET AND CRUST, NOT FINISHED IN THIS ESTABLISHMENT
31113	LEATHER, SHEEP AND LAMB, FINISHED FOR SHOES AND GARMENTS
31119	LEATHER TANNING AND FINISHING CONTRACT AND COMMISSION WORK ONLY
31111	LEATHER, UPHOLSTERY FINISHED CATTLE HIDE
35595	LEATHER WORKING MACHINERY
20994	LEAVENING COMPOUNDS--BAKING POWDER, YEAST AND YEAST PRODUCTS
20922	LECITHIN, FROM SOYBEANS
25312	LECTERNS, CHURCH FURNITURE
26216	LEDGER PAPER
27821	LEDGERS BLANKBOOK MAKING
27514	LEGAL PRINTING BY LETTERPRESS
23630	LEGGING AND COAT SETS, GIRLS', CHILDREN'S, AND INFANTS'
23639	LEGGING AND COAT SETS, GIRLS', CHILDREN'S, AND INFANTS' (CONTRACT RECEIPTS)
23630	LEGGINGS, SEPARATE, GIRLS' SKI AND SNOW
23690	LEGGINGS, SEPARATE INFANTS', MADE FROM PURCHASED KNIT FABRIC
23292	LEGGINGS, SEPARATE, MEN'S AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23393	LEGGINGS, SEPARATE, WOMEN'S AND MISSES'
38512	LENS BLANKS, OPHTHALMIC
32316	LENSES, BLANKS, OPHTHALMIC, OPTICAL, SUN GLASSES AND EYE PROTECTION LENSES, FROM PURCHASED GLASS
32294	LENSES (NONPRESCRIPTION BLANKS) OPHTHALMIC, OPTICAL, SUNGLASSES AND EYE PROTECTIVE LENSES, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	LENSES (NONPRESCRIPTION), SUN GLASSES, AUTOMOTIVE AND SEARCHLIGHT FROM PURCHASED GLASS
38311	LENSES OPTICAL, PHOTOGRAPHIC MAGNIFYING, PROJECTION AND INSTRUMENT
38311	LENSES, PHOTOGRAPHIC AND PROJECTION
32294	LENSES, SEARCHLIGHT AUTOMOTIVE AND LANTERN--FROM GLASS PRODUCED IN SAME ESTABLISHMENT
23690	LEOTARDS, GIRLS' AND INFANTS', MADE FROM PURCHASED KNIT FABRICS
23393	LEOTARDS, WOMEN'S AND MISSES', MADE FROM PURCHASED KNIT FABRIC
35791	LETTER FOLDING, STUFFING AND SEALING MACHINES
35551	LETTERPRESS PRINTING PRESSES
35453	LEVELS, TOOLROOM
27891	LIBRARY BOOKS BINDING, HARD COVER
25112	LIBRARY FURNITURE, WOOD, PAINTED OR FINISHED, EXCEPT UPHOLSTERED

Code	Product
25312	LIBRARY (PUBLIC) FURNITURE, ALL TYPES
26451	LIDS, PAPER AND PAPERBOARD, DIE-CUT
37323	LIFE BOATS
24994	LIFE PRESERVERS, CORK, AND CORK BLOCK
30695	LIFE RAFTS, BOATS, PONTOONS OF RUBBER
35370	LIFTS, HAND
35333	LIFTING MACHINERY ROD AND RODLESS FOR OILFIELD AND GASFIELD PRODUCTION
36625	LIGHT RECONNAISSANCE AND SURVEILLANCE ELECTRONIC SYSTEMS AND EQUIPMENT
36730	LIGHT SENSING AND EMITTING TUBE ELECTRONIC
36749	LIGHT SENSITIVE SEMICONDUCTOR DIODES
28993	LIGHTER FLUIDS, CIGARETTE, CHARCOAL
32292	LIGHTING AND ELECTRONIC GLASSWARE FROM GLASS PRODUCED IN THIS ESTABLISHMENT
32316	LIGHTING, ELECTRONIC GLASSWARE, FROM PURCHASED MATERIALS
36424	LIGHTING EQUIPMENT, ELECTRIC, VEHICULAR, EXCEPT BULBS (EXCEPT PARTS AND ACCESSORIES)
36425	LIGHTING EQUIPMENT, FLOODLIGHTS AND AREA LIGHTING (EXCEPT PARTS, ACCESSORIES, AND BULBS)
36426	LIGHTING EQUIPMENT, NONELECTRIC
36426	LIGHTING EQUIPMENT PARTS AND ACCESSORIES ONLY
36422	LIGHTING FIXTURES, COMMERCIAL (EXCEPT PARTS, ACCESSORIES, AND BULBS) ACCESSORIES)
36423	LIGHTING FIXTURES, ELECTRIC INDUSTRIAL, (EXCEPT PARTS, ATTACHMENTS, AND BULBS)
36421	LIGHTING FIXTURES, ELECTRIC, RESIDENTIAL EXCEPT PORTABLE (EXCEPT PARTS, ACCESSORIES, AND BULBS)
36992	LIGHTING OUTFITS, CHRISTMAS TREE
36121	LIGHTING TRANSFORMERS
36430	LIGHTNING ARRESTERS
36430	LIGHTNING RODS
20332	LIMA BEANS, FRESH, CANNED
32740	LIME, INCLUDING HYDRATED, QUICKLIME ETC.
32410	LIME, ''SLAG''
28123	LIME SODA, PROCESS, SODIUM HYDROXIDE
32812	LIMESTONE, CUT, DRESSED DIMENSION FOR BUILDING
32812	LIMESTONE, CUT, PRODUCTS, SUCH AS FLAGGING
32950	LIMESTONE, PULVERIZED
19990	LINE THROWING GUNS AND PARTS
26452	LINED PAPERBOARD
22213	LINEN FLAKES, 100% SPUN RAYON AND/OR ACETATE (GRAY GOODS)
22992	LINEN GOODS
22213	LINEN TYPE, 100% SPUN RAYON AND/OR ACETATE (GRAY GOODS)
26314	LINERBOARD, COMBINATION PAPERBOARD, SHIPPING CONTAINERBOARD
26432	LINERS AND BAGS, PAPER, POLYETHYLENE, CELLOPHANE OR FOIL
26311	LINERS, PAPERBOARD, CONTAINER, UNBLEACHED KRAFT
28346	LINIMENTS, PHARMACEUTICAL PREPARATION FOR HUMAN USE
22562	LINING, FOOTWEAR, CIRCULAR KNIT FABRIC, A KNIT FABRIC MILL PRODUCT
31111	LINING LEATHER FINISHED CATTLE HIDE
22910	LININGS, FELT FOR CARPET, RUG, ETC., PRESSED, PUNCHED, OR NEEDLED
23961	LININGS, HAT, MEN'S AND BOYS', MADE FOR SALE AS SUCH
23961	LININGS, GLOVE, FUR--APPAREL FINDINGS MADE FOR SALE AS SUCH
39961	LINOLEUM, FLOOR COVERING
39961	LINOLEUM, SHEET OR TILE
20933	LINSEED CAKE AND MEAL
20931	LINSEED OIL, CRUDE OR PROCESSED
20913	LINTERS, COTTON
28445	LIP PREPARATIONS
28445	LIPSTICK
29116	LIQUEFIED PETROLEUM GASES MADE IN REFINERIES
20853	LIQUEURS--BOTTLED LIQUORS
28192	LIQUID LIME BLEACHES
20620	LIQUID SUGAR OR SUGAR SIRUP CANE
20853	LIQUORS, BOTTLED
20851	LIQUORS, DISTILLED, EXCEPT BRANDY
20820	LIQUORS, MALT
35224	LISTERS, FARM MACHINERY, AND ATTACHMENTS
27527	LITHOGRAPHIC PLATES MADE FOR OTHERS
35551	LITHOGRAPHIC PRINTING PRESSES
35552	LITHOGRAPHING AND PHOTOENGRAVING PLATEMAKING EQUIPMENT, EXCEPT CAMERAS
28162	LITHOPONE PIGMENT
20117	LIVERWURST, NOT CANNED, MADE IN MEATPACKING PLANT
20137	LIVERWURST, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20422	LIVESTOCK FEED, PREPARED COMPLETE, SUPPLEMENTS AND CONCENTRATES
20942	LIVESTOCK REFUSE FOR FERTILIZERS, WET OR DRY
34492	LIVESTOCK SHELTERS, METAL PREFABRICATED COMPLETE UNITS
24332	LIVESTOCK SHELTERS, WOOD, PREFABRICATED SOLD AS COMPLETE UNITS, INCLUDES THOSE SHIPPED IN SECTIONS OR PANELS
25144	LIVING ROOM FURNITURE, METAL, UPHOLSTERED
25112	LIVING ROOM FURNITURE, WOOD, PAINTED OR FINISHED, EXCEPT UPHOLSTERED
35321	LIVING ROOM FURNITURE, WOOD, UPHOLSTERED
35321	LOADERS FOR UNDERGROUND MINING
35317	LOADERS, TRACTOR-SHOVEL INTEGRAL
34521	LOCK WASHERS
26412	LOCKER WAXED AND WAXED-LAMINATED PAPER, INCLUDING FREEZER PAPER
34920	LOCKERS BANK SECURITY
25420	LOCKERS, METAL
25410	LOCKERS, WOOD
39112	LOCKETS OF PRECIOUS METALS EXCEPT PLATINUM AND CARAT GOLD
39111	LOCKETS, MADE OF PLATINUM AND CARAT GOLD
34294	LOCKING DEVICES, BUILDERS' HARDWARE
34521	LOCKNUTS, FERROUS AND NONFERROUS
37412	LOCOMOTIVES, NEW AND REBUILT, INDUSTRIAL AND MINING TYPE
37411	LOCOMOTIVES, NEW AND REBUILT, RAILROAD SERVICE AND SWITCHING TYPE
37413	LOCOMOTIVES PARTS, FOR SALE SEPARATELY
35318	LOGGING ARCHES CONSTRUCTION MACHINERY FOR MOUNTING ON TRACTORS
24119	LOGGING, CONTRACT RECEIPTS
24110	LOGS, PULPWOOD
35521	LOOMS, POWER AND HAND, TEXTILE
27822	LOOSELEAF BINDERS AND DEVISES
26491	LOOSELEAF FILLER AND WRAPPED REAM PAPER
27822	LOOSELEAF INDEXES
27822	LOOSELEAF FORMS AND FILLERS
27822	LOOSELEAF PARTS SOLD SEPARATELY
36624	LORAN EQUIPMENT (NAVIGATIONAL)
28441	LOTIONS, AFTERSHAVE
28445	LOTIONS, EXCEPT HAIR AND AFTERSHAVE
28443	LOTIONS, HAIR PREPARATIONS
36515	LOUDSPEAKERS AND SPEAKERS SYSTEMS
23413	LOUNGING PAJAMAS, WOMEN'S, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
24315	LOUVER AND SUMMER DOORS, WOOD
25121	LOVESEATS, UPHOLSTERED WOOD
25112	LOVESEATS, WOOD, PAINTED OR FINISHED, EXCEPT UPHOLSTERED
28344	LOZENGES, FOR COUGH
35690	LUBRICATING DEVICES, INDUSTRIAL
29920	LUBRICATING GREASES MADE FROM PURCHASED MATERIAL
29117	LUBRICATING GREASES MADE IN REFINERIES
28181	LUBRICATING OIL ADDITIVES, CYCLIC
29118	LUBRICATING OIL BASE STOCK
35860	LUBRICATING, OIL PUMPS AND OUTFITS
29920	LUBRICATING OILS MADE FROM PURCHASED MATERIALS
29117	LUBRICATING OILS MADE IN REFINERIES
34291	LUGGAGE CARRIERS, HARDWARE
22116	LUGGAGE FABRICS, COTTON (GRAY GOODS)
31610	LUGGAGE, LEATHER
31610	LUGGAGE, MEN AND WOMEN'S HAND, OVERNIGHT, WEEKEND, TRAIN CASES, PULLMAN, HAT AND SHOE AND WARDROBE
24212	LUMBER, DRESSED, INCLUDING CEILING, FRAMING, PARTITION, SIDING, SHIPLAPPED, MADE IN A SAWMILL AND PLANING MILL
23291	LUMBER JACKETS, MEN'S AND BOYS'
24211	LUMBER, ROUGH, SAWED IN A SAWMILL
24911	LUMBER, SAWN, WOOD OWNED AND TREATED BY THIS ESTABLISHMENT
36121	LUMINOUS TUBE TRANSFORMERS FOR HOT AND COLD OPERATION
20117	LUNCHEON MEATS, NOT CANNED, MADE IN MEATPACKING PLANT
20137	LUNCHEON MEATS, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20980	MACARONI AND MACARONI PRODUCTS, EXCEPT CANNED, INCLUDING ALL SHAPES, SIZES, AND TYPES
20324	MACARONI AND SPAGHETTI DINNERS MADE FROM PURCHASED NOODLE PRODUCTS
34232	MACHETES
34990	MACHINE BASES, METAL
39120	MACHINE CHAIN, JEWELERS'
28411	MACHINE DISHWASHING COMPOUNDS, LIQUID OR SOLID, BULK
19512	MACHINE GUN BELTS, METALLIC, 30 MM. (OR 1.18 INCHES AND UNDER)
19511	MACHINE GUNS, 30 MM. (1.18 INCHES) AND UNDER
22811	MACHINE-KNITTING YARNS, CARDED COTTON, GRAY OR FINISHED IN YARN SPINNING MILLS
22812	MACHINE-KNITTING YARNS, COMBED COTTON, GRAY OR FINISHED IN YARN SPINNING MILLS
22823	MACHINE-KNITTING YARNS, THROWN FILAMENT YARN
22831	MACHINE-KNITTING YARNS, WOOL, EXCEPT CARPET, FINISHED IN A YARN MILL
22311	MACHINE-KNITTING YARNS, WOOL, NOT COMBED OR SPUN AT THIS ESTABLISHMENT, FINISHED IN A BROADWOVEN FABRIC MILL
34232	MACHINE KNIVES, EXCEPT METAL-CUTTING
35993	MACHINE SHOP JOB WORK
26451	MACHINE TABULATION CARDS
36121	MACHINE TOOL CONTROL TRANSFORMERS
35419	MACHINE TOOLS, REBUILT METAL-CUTTING TYPE
35333	MACHINERY AND EQUIPMENT FOR OIL AND GAS FIELD PRODUCTION, INCLUDING PACKERS, SCREENS, TUBING, AND CATCHERS
35223	MACHINERY FOR PLANTING, SEEDING, FERTILIZING
34522	MACHINERY HEADED PRODUCTS, NONSTANDARD
35690	MACHINERY, INDUSTRIAL, FOR FILLING, CAPPING, CLOSING AND SEALING EXCEPT FOR FOOD, BEVERAGE AND DAIRY PRODUCTS
35321	MACHINERY, MINING, CONTINUOUS BORER AND RIPPING TYPE
35228	MACHINES, FARM DAIRY, INCLUDING ATTACHMENTS
35228	MACHINES FOR PREPARING FARM CROPS FOR MARKET INCLUDING ATTACHMENTS
35452	MACHINISTS' PRECISION TOOLS FOR MEASURING
20310	MACKEREL, INCLUDING JACK MACKEREL, CANNED, EXCEPT FROZEN
23291	MACKINAWS, MEN'S AND BOYS'
27217	MAGAZINE AND COMIC SUPPLEMENT FOR SUNDAY NEWSPAPERS, ADVERTISING SUBSCRIPTION AND SINGLE COPY SALES
27511	MAGAZINE AND PERIODICAL PRINTING BY LETTERPRESS
27215	MAGAZINE, ENTERTAINMENT AND GENERAL INTEREST, SUBSCRIPTION AND SINGLE COPY
27517	MAGAZINE PRINTING BY GRAVURE
27521	MAGAZINE PRINTING BY LITHOGRAPH
25112	MAGAZINE RACKS, WOODEN, PAINTED OR FINISHED
27211	MAGAZINES, FARM, SUBSCRIPTION AND SINGLE COPY SALES
19512	MAGAZINES, GUN, 30 MM. (OR 1.18 INCHES) AND UNDER
27213	MAGAZINES, INDUSTRIAL, ENGINEERING AND TECHNICAL, SUBSCRIPTION AND SINGLE COPY SALES
27213	MAGAZINES, MERCHANDISING, SUBSCRIPTION AND SINGLE COPY SALES
27215	MAGAZINES, WOMEN AND HOME SERVICE, SUBSCRIPTION AND SINGLE COPY SALES
32950	MAGNESIA AND MAGNESITE, DEAD-BURNED
32990	MAGNESITE FLOOR COMPOSITION
33920	MAGNESIUM AND MAGNESIUM-BASE ALLOY FORGINGS
28199	MAGNESIUM COMPOUNDS, INORGANIC CHEMICALS
33560	MAGNESIUM, EXTRUDED SHAPES, INCLUDING ROD AND BAR, SHEET AND PLATE, NONFERROUS METAL MILL
33397	MAGNESIUM, PRIMARY SMELTING
33416	MAGNESIUM, SECONDARY REFINING AND SMELTING
33577	MAGNET WIRE
36220	MAGNETIC BRAKES, INDUSTRY
36730	MAGNETRON, TUBE
34990	MAGNETS, PERMANENT, FABRICATED METAL PRODUCT
23392	MAIDS' WASHABLE SERVICE APPAREL
35791	MAILING MACHINES
33220	MALLEABLE IRON CASTINGS
20830	MALT (ALL TYPES, INCLUDING BARLEY, RYE, WHEAT, ETC.) AND MALT BYPRODUCTS
20820	MALT BEVERAGES, BULK TRANSFERS TO OTHER ESTABLISHMENTS OF SAME COMPANY
20820	MALT EXTRACT, LIQUORS AND BREWING BYPRODUCTS
20820	MALT LIQUORS
20830	MALT SPROUTS (DRY WEIGHT EQUIVALENT, SCREENING, CHAFF AND SKIMMING)
20231	MALTED MILK POWDER
28331	MALTOSE, SYNTHETIC, BULK
35340	MAN LIFTS, ELEVATORS
34211	MANICURE AND PEDICURE SCISSORS AND IMPLEMENTS
28445	MANICURING PREPARATIONS
27612	MANIFOLD BUSINESS FORMS, UNIT SET, STOCK INCLUDING IMPRINTING, INDIVIDUAL ORDER, OR TABULATING CARD SETS

Code	Product
26216	MANIFOLD PAPER
22218	MANMADE FIBER AND SILK FINISHED GOODS, MADE IN BROADWOVEN FABRIC MILLS
22628	MANMADE FIBER AND SILK, FINISHING OF, FROM BROADWOVEN PURCHASED MATERIAL
22414	MANMADE FIBER FABRICS, NARROW, BRAIDED
22411	MANMADE FIBER FABRICS, NARROW, WOVEN
24317	MANTELS, WOOD, TO BE BUILT IN PER CUSTOM SPECIFICATIONS
27311	MANUALS, TEXTBOOKS, PRINTED AND PUBLISHED
20999	MAPLE SIRUP, PURE
27413	MAPS, HYDROGRAPHIC, CHARTS, ATLASES, PUBLISHING
27526	MAPS, INCLUDING ROAD AND STRIP, PRINTED BY LITHOGRAPHY
27516	MAPS PRINTED BY LETTERPRESS INCLUDING ROADMAPS AND STRIP MAPS
20338	MARASCHINO CHERRIES
32813	MARBLE, CUT, MONUMENTAL
32813	MARBLE, CUT, PRODUCTS
20962	MARGARINE
20943	MARINE AND ANIMAL OIL PRODUCTS, INCLUDING FOOTS, EXCEPT FATTY ACIDS, GREASE AND TALLOW
36426	MARINE BEACONS
34433	MARINE BOILERS, STEEL (OVER 15 P.S.I. STEAM WORKING PRESSURE)
35663	MARINE GEAR TRANSMISSION, MECHANICAL POWER-TRANSMISSION EQUIPMENT
34291	MARINE HARDWARE
24331	MARINE LAMINATES, WOOD
20943	MARINE OIL AND OIL MILL PRODUCTS
28511	MARINE PAINTS AND ENAMELS (SHELF GOODS), EXTERIOR OIL-TYPE
28516	MARINE PAINTS, SHIP BOTTOM AND OTHER SPECIALLY FORMULATED PAINTS
35112	MARINE TURBINES, STEAM DRIVEN MECHANICAL OR TURBINE-GEAR UNITS
27526	MARKET CIRCULARS AND SHOPPING NEWS PRINTED BY LITHOGRAPHIC PROCESS
39912	MARKING AND STENCILLING BRUSHES
20338	MARMALADE
22211	MARQUISETTES, 100% FILAMENT RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
22115	MARQUISETTES, FINE COTTON GOODS (GRAY GOODS)
22212	MARQUISETTES, NYLON AND CHIEFLY NYLON (GRAY GOODS), 100% FILAMENT
28445	MASCARA AND EYE SHADOW
38423	MASKS, GAS, ABRASIVE AND CANISTER
23890	MASKS, TEXTILE
28512	MASONRY WATER EMULSION PAINTS AND TINTING BASES
23890	MASQUERADE COSTUMES
29523	MASTIC CORE TYPE ASPHALT BOARD
24212	MATCHED LUMBER, DRESSED, MADE IN A SAWMILL AND PLANING MILL
39993	MATCHES, ALL TYPES (WOODEN STEM, PAPER STEM, BOXES, ETC.)
23422	MATERNITY CORSETS AND COMBINATIONS
27940	MATRIX, ELECTROTYPING AND STEREOTYPING PLATES FOR LETTERPRESS
26219	MATRIX PAPER AND BOARD, SPECIAL INDUSTRIAL PAPER
22790	MATS AND MATTINGS (NOT LACE), MADE IN TEXTILE MILLS
30694	MATS AND MATTING, RUBBER
24994	MATS, CORK, AS NEWSPAPER, ETC.
22920	MATS, LACE
23920	MATS, TABLE, EXCEPT LACE, MADE FROM PURCHASED FABRIC
32293	MATS, TEXTILE TYPE GLASS FIBER
30792	MATTRESS CORES, FOAMED PLASTICS
30693	MATTRESS CORES, LATEX FOAM RUBBER
25152	MATTRESS, COTTON, FELT, HAIR, RUBBER OR LATEX CORE, OTHER THAN INNERSPRING
22930	MATTRESS FELTS, MADE FROM COTTON, RAW OR WASTE, AND MANMADE FIBERS
25151	MATTRESSES, INNERSPRING, EXCEPT CRIB AND BABY
23920	MATTRESS PROTECTORS, MADE FROM PURCHASED FABRIC
34233	MAULS
20354	MAYONNAISE
20424	MEAL, ALFALA SUN CURED AND DEHYDRATED
20933	MEAL AND CAKE, MADE FROM ANY VEGETABLE OIL EXCEPT COTTONSEED AND SOYBEAN
20413	MEAL, CORN (FOR HUMAN AND ANIMAL USE)
20460	MEAL, CORN OIL
20942	MEAL, MEAT AND BONE, DRIED BLOOD AND FEATHER MEAL
35452	MEASURING TOOLS, PRECISION
35513	MEAT AND POULTRY PACKING MACHINERY, INCLUDING PARTS AND ATTACHMENTS
22562	MEAT BAGGING AND STOCKINETTE CIRCULAR KNIT FABRICS, KNIT AND FINISHED IN KNIT FABRIC MILL
20373	MEAT, FROZEN
20117	MEAT GOODS, JELLIED, NOT CANNED, MADE IN MEATPACKING PLANT
20137	MEAT GOODS, JELLIED, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20117	MEAT LOAVES, NOT CANNED, MADE IN MEATPACKING PLANT
20137	MEAT LOAVES, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20137	MEAT, LUNCHEON, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20942	MEAT MEAL
20373	MEAT PIES, FROZEN
20139	MEAT, PROCESSED, NOT CANNED, NOT MADE IN MEATPACKING PLANT, OTHER THAN PORK, SAUSAGE OR CANNED MEAT
20117	MEAT PUDDINGS, NOT CANNED, MADE IN MEATPACKING PLANT
20137	MEAT PUDDINGS, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20353	MEAT SAUCES, EXCEPT TOMATO
20942	MEAT SCRAPS, FOR FEED OR FERTILIZER
20110	MEAT SCRAPS, NOT FOR FEED OR FERTILIZER
20999	MEAT SEASONING
20118	MEATS, CANNED (EXCEPT DOG AND CAT FOOD) CANNED IN MEATPACKING PLANT (PRODUCTS CONTAINING 20% OR MORE MEAT)
20138	MEATS, CANNED (EXCEPT DOG AND CAT FOOD) NOT CANNED IN MEATPACKING PLANT (PRODUCTS CONTAINING 20% OR MORE MEAT)
20110	MEATS, FRESH, OTHER THAN BEEF, VEAL, PORK, LAMB, OR MUTTON, EXCEPT POULTRY, RABBITS, AND OTHER SMALL GAME
20117	MEATS, LUNCHEON, NOT CANNED, MADE IN MEATPACKING PLANT
20111	MEATS, VARIETY, BEEF (HEART, LIVER, KIDNEY, ETC.), NOT CANNED OR MADE INTO SAUSAGE
34231	MECHANICAL AUTOMOBILE JACKS
27892	MECHANICAL BINDING OF BOOKS AND PAMPHLETS (WIRE, PLASTIC, ETC.) OF PRODUCTS PRINTED ELSEWHERE
39510	MECHANICAL PENCILS AND PENS
34812	MECHANICAL PRECISION SPRINGS
30695	MECHANICAL RUBBER GOODS, HARD RUBBER, BATTERY JARS AND BOXES
34336	MECHANICAL STOKERS AND PARTS, ATTACHMENTS AND ACCESSORIES
34231	MECHANICS' HAND SERVICE TOOLS
28413	MECHANICS' HAND SOAPS, ALL TYPES EXCEPT WATERLESS
28412	MECHANICS' HAND SOAPS, PASTE OR BAR, EXCEPT WATERLESS, BULK
27313	MEDICAL BOOKS, INCLUDING DENTAL AND NURSING
30697	MEDICAL, DENTAL AND SURGICAL RUBBER PRODUCTS
28413	MEDICATED SOAPS, BARS, LIQUID AND PASTE, HOUSEHOLD
28332	MEDICINAL AND BOTANICAL DRUGS, BULK
24317	MEDICINE CABINETS, TO BE BUILT-IN PER CUSTOM SPECIFICATIONS
25144	MEDICINE WALL CABINETS, METAL
20521	MELBA TOAST
20240	MELLORINE AND SIMILAR FROZEN DESSERTS CONTAINING FATS OTHER THAN BUTTER FAT
28214	MELOMINE RESINS
23291	MELTON JACKETS, MEN'S AND BOYS'
31411	MEN'S DRESS SHOES
22522	MEN'S FINISHED SEAMLESS HOSIERY, HALF-HOSE, SLACK HOSE, ATHLETIC AND CREW SOCKS
22524	MEN'S HOSIERY, ALL TYPES, SHIPPED IN THE GREIGE
23112	MEN'S OVERCOATS AND TOPCOATS, INCLUDING UNIFORM
23111	MEN'S TAILORED UNIFORM SUITS, INCLUDING MILITARY, GUARDS', BAND, POLICE, FIRE, ETC. (EXCEPT WORK TYPES)
31412	MEN'S WORK SHOES
27213	MERCHANDISING MAGAZINES, SUBSCRIPTION AND SINGLE COPY SALES
28199	MERCURY, REDISTILLED
36121	MERCURY VAPOR LAMP BALLASTS
35992	MERRY-GO-ROUNDS
33159	MESH, WELDED STEEL WIRE FABRIC FOR CONCRETE REINFORCING, MADE IN WIREDRAWING PLANT
34819	MESH-WELDED STEEL WIRE FABRIC FOR CONCRETE REINFORCING, NOT MADE BY WIREDRAWERS
32914	METAL ABRASIVES
34912	METAL BARRELS AND DRUMS, STEEL SHIPPING
34492	METAL BUILDINGS, PREFABRICATED AND PORTABLE, COMPLETE UNITS
25223	METAL CABINETS, OFFICE FILING EQUIPMENT
34110	METAL CANS
34616	METAL CAPS, CLOSURES FOR PLASTIC CONTAINERS, VIALS AND TUBES
28411	METAL CLEANERS, CONTAINING ACID WETTING AGENT OR INORGANIC FILLERS, BULK
35595	METAL CLEANING, DEGREASING, FINISHING AND DRYING MACHINERY AND EQUIPMENT
34424	METAL COMBINATION SCREEN AND STORM SASH AND DOORS
34616	METAL COMMERCIAL CLOSURES, EXCEPT CROWNS
34913	METAL CONTAINERS FOR SHIPPING FLUID MILK, INCLUDING PARTS
34617	METAL CROWNS FOR GLASS AND METAL CONTAINERS
34421	METAL DOOR FRAMES, INCLUDING TRIM SOLD AS INTEGRAL PART OF DOOR FRAME (EXCLUDE STORM DOORS)
34945	METAL FITTINGS AND UNIONS FOR PIPING SYSTEMS
34970	METAL FOIL AND LEAF, EXCLUDING PLAIN ALUMINUM FOIL
25144	METAL FOLDING TRAY TABLES
33920	METAL FORGINGS, NONFERROUS
35424	METAL-FORMING MACHINERY, PARTS AND ATTACHMENTS ONLY
35424	METAL-FORMING MACHINERY, REBUILT ONLY
32932	METAL GASKETS
34523	METAL HEADED PRODUCTS, OTHER THAN INDUSTRIAL FASTENERS
25141	METAL HOUSEHOLD DINING, DINETTE, AND BREAKFAST FURNITURE
34411	METAL (IRON, STEEL, ALUMINUM) FABRICATED STRUCTURAL, FOR BUILDINGS ONLY
34990	METAL IRONING BOARDS
34990	METAL LADDERS, STEP AND RUNG (PORTABLE)
34423	METAL MOLDING AND TRIM, AND STORE FRONTS
25223	METAL OFFICE CABINETS AND CASES
25221	METAL OFFICE CHAIRS, STOOLS, COUCHES, ETC., INCLUDING UPHOLSTERED
25222	METAL OFFICE DESKS
32014	METAL PADS WITH CLEANER IMPREGNATED
25420	METAL PARTITIONS, SHELVING, AND LOCKERS
34493	METAL PLASTER BASES, BUILDING MATERIALS
34310	METAL PLUMBING FIXTURES
28424	METAL POLISH
33991	METAL POWDERS AND PASTES, PRIMARY
34441	METAL SIDING FOR BUILDINGS
34990	METAL STRAPPING, FLAT, FABRICATED METAL
28423	METAL STRIPPER AGENTS
34439	METAL TANKS AND VESSELS, CUSTOM FABRICATED AND FIELD ERECTED
34438	METAL TANKS AND VESSELS, CUSTOM FABRICATED AT THE FACTORY
34435	METAL TANKS, PRESSURE, COMPLETE AT FACTORY, STANDARD LINE
34437	METAL TANKS, NONPRESSURE STORAGE, STANDARD
28993	METAL-TREATING COMPOUNDS, NITRIDING, PICKLING, DRAWING AND CUTTING
34943	METAL VALVES, INCLUDING GATES, GLOBES, ANGLES, CHECK, BUTTERFLIES, LUBRICATED PLUGS, COCKS, STOP AND CHECKS AND CROSS FOR PIPING SYSTEMS
34943	METAL VALVES (EXCEPT POWER TRANSFER AND PLUMBING AND HEATING) INCLUDING GATES, GLOBES, ANGLES, BUTTERFLIES, ETC.
34422	METAL WINDOW SASH AND FRAMES, EXCEPT STORM SASH
28511	METALLIC PAINT TRADE SALE
35441	METALWORKING DIE SETS
36626	METEOROLOGICAL EQUIPMENT AND SYSTEMS, ELECTRONIC
38112	METEOROLOGICAL INSTRUMENTS, EXCEPT OPTICAL
32316	METER COVERS, GLASS, FROM PURCHASED GLASS
36111	METER TESTING EQUIPMENT, INTEGRATING INSTRUMENTS, ELECTRICAL
36113	METER TRANSFORMERS, CURRENT AND POTENTIAL
38212	METERS, GAS AND WATER
38212	METERS, INTEGRATING, NONELECTRICAL
38212	METERS, LIQUID
38611	METERS, PHOTOGRAPHIC, EXPOSURE
28182	METHANOL ACETATE, ACYCLIC
28612	METHANOL, METHYL OR WOOD PRODUCT (WOOD ALCOHOL), NATURAL
28183	METHYL
28182	METHYL-ETHYL-KETONE PEROXIDE
28182	METHYLOMINE
32950	MICA, GROUND
32990	MICA PRODUCTS, SHEET
29110	MICROCRYSTALLINE WAX
38615	MICROFILM
38614	MICROFILM READERS AND ENLARGERS
38614	MICROFILMING, BLUEPRINTING, BROWNPRINTING, VANDYKE, WHITEPRINTING EQUIPMENT
38614	MICROFILMING CAMERAS
35452	MICROMETERS, MACHINISTS' PRECISION TOOLS
36515	MICROPHONES, ALL TYPES
38311	MICROSCOPES, EXCEPT CORNEAL
36629	MICROWAVE TELEPHONE COMMUNICATION EQUIPMENT
36112	MICROWAVE TEST EQUIPMENT
20412	MIDDLINGS, WHEAT MILLFEED

Code	Product
23990	MILITARY INSIGNIAS, OF TEXTILE, PURCHASED FABRIC
20264	MILK, ACIDOPHILOUS, PACKAGED IN THIS PLANT
20261	MILK AND CREAM, BULK FLUID
20262	MILK AND CREAM, PACKAGED
20232	MILK AND MILK PRODUCTS, CANNED (SHIPPED IN CONSUMER TYPE PACKAGES)
34616	MILK BOTTLED CLOSURES, ALUMINUM AND TIN MILL PRODUCT
26312	MILK CARTON BOARD, BLEACHED PACKAGING, SOLID WOODPULP FURNISH
20231	MILK, CHOCOLATE, POWDERED
20233	MILK, CONCENTRATED, SHIPPED IN BULK (BARRELS, DRUMS, TANKS)
20231	MILK, CONDENSED (DRY)
20233	MILK, CONDENSED, SHIPPED IN BULK (BARRELS, DRUMS, TANKS)
20232	MILK, CONDENSED (SHIPPED IN CONSUMER TYPE CANS)
35222	MILK COOLERS, NOT MECHANICALLY REFRIGERATED, FARM MACHINERY
20264	MILK DRINKS, FLAVORED, INCLUDING CHOCOLATE, PACKAGED IN THIS PLANT
20233	MILK, EVAPORATED, SHIPPED IN BULK (BARRELS, DRUMS, TANKS)
20210	MILK FAT, ANHYDROUS
20231	MILK, FEED GRADE (DRY MILK, DRY BUTTERMILK, DRY WHEY, ETC.) SHIPPED IN BULK
20231	MILK, FOOD GRADE (BAKERIES, CONFECTIONERS, MEATPACKERS, ETC.) SHIPPED IN BULK AS DRY WHOLE MILK OR DRY SKIM MILK
28345	MILK OF MAGNESIA FOR HUMAN USE
20231	MILK, POWDERED, WHOLE OR WHEY, SKIM, CURD, ETC., INCLUDING MALTED, CHOCOLATE, ETC.
20233	MILK PRODUCTS, CONCENTRATED, SHIPPED IN BULK (BARRELS, DRUMS, TANKS) (OTHER THAN ICE CREAM MIX AND ICE MILK MIX)
20231	MILK PRODUCTS, DRY
20231	MILK, SKIM, DRY
20234	MILKSHAKE MIX, UNFROZEN, MADE IN CONDENSED AND EVAPORATED MILK PLANTS
28513	MILL WHITE PAINTS, INTERIOR, OIL-TYPE, TRADE SALES
20440	MILLED RICE AND BYPRODUCTS
20416	MILLFEED, RYE, OATS, BUCKWHEAT, ETC.
20922	MILLFEED, SOYBEAN
20412	MILLFEED, WHEAT
23510	MILLINERY, ALL TYPES (WOMEN'S, CHILDREN'S, AND INFANTS'), INCLUDING FELT BODIES, STRAW, FABRIC, FLOWER OR VEILING AND FROM PURCHASED FUR ON THE SKIN
23510	MILLINERY FROM PURCHASED FUR ON THE SKIN
35451	MILLING CUTTERS, SMALL CUTTING TOOLS
35416	MILLING MACHINES, METAL-CUTTING TYPE
22940	MILLWASTE, TEXTILE, PROCESSED
24318	MILLWORK, WOOD, FOR EXTERIOR, AS PORCH COLUMNS, TRELLISES
20460	MILO-CORN STARCH
35791	MIMEOGRAPH, MULTIGRAPH AND MANIFOLDING MACHINES
26216	MIMEOGRAPH PAPER, ALL WOODPULP
20117	MINCED MEAT ROLL, NOT CANNED, MADE IN MEATPACKING PLANT
20137	MINCED MEAT ROLL, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20324	MINCEMEAT, CANNED
35321	MINE CARS, UNDERGROUND, TRACK OR SHUTTLE
35351	MINE CONVEYORS (UNDERGROUND)
35361	MINE HOISTS
24110	MINE TIES, WOOD, HEWN
24211	MINE TIES, WOOD, SAWED
35321	MINERAL CLASSIFYING MACHINERY (FOR MINING MACHINERY) FLOTATION SEPARATING, CONCENTRATING, CLEANING AND CLARIFYING EQUIPMENT
20424	MINERAL MIXTURES, FOR ANIMAL FEED, INCLUDING OYSTER SHELLS
32962	MINERAL WOOL FOR INDUSTRIAL AND EQUIPMENT INSULATION, SUCH AS ACOUSTICAL PADS AND BOARDS, PIPE INSULATION, ETC.
32961	MINERAL WOOL FOR STRUCTURAL INSULATION
32950	MINERALS AND EARTHS, GROUND OR OTHERWISE TREATED
36426	MINERS' LIGHTS
19293	MINES (AMMUNITION) AND PARTS
37412	MINING AND INDUSTRIAL TYPE LOCOMOTIVES
35321	MINING MACHINERY AND EQUIPMENT, UNDERGROUND
24991	MIRRORS, FRAMES, WOOD OR METAL
32315	MIRRORS, FROM PURCHASED GLASS
32315	MIRRORS, REARVIEW, AUTOMOTIVE
27314	MISSALS, RELIGIOUS BOOKS
22524	MISSES' AND CHILDREN'S ANKLETS AND SOCKS EXCEPT MISSES' KNEE-LENGTH, SHIPPED IN THE GREIGE
22523	MISSES' AND CHILDREN'S FINISHED SEAMLESS HOSIERY, ANKLETS, ATHLETIC AND CREW AND KNEE-LENGTH SOCKS
31415	MISSES' SHOES
37292	MISSILE AND SPACE VEHICLE COMPONENTS AND SUBASSEMBLIES
37292	MISSILE, AND SPACE VEHICLE COMPONENTS, SUBASSEMBLIES, AND AUXILIARY EQUIPMENT
36628	MISSILE-BORNE AND SPACE VEHICLE-BORNE NAVIGATION AND GUIDANCE SYSTEMS AND EQUIPMENT
37294	MISSILE COMPONENTS (EXCEPT ENGINE AND PROPULSION UNITS), RECEIPTS FROM RESEARCH AND DEVELOPMENT ONLY
37225	MISSILE ENGINES, OR SPACE VEHICLE ENGINES AND/OR PROPULSION UNITS
19293	MISSILE WARHEADS
19251	MISSILES, GUIDED, COMPLETE (EXCEPT PROPULSION)
19253	MISSILES, GUIDED, COMPLETE, RESEARCH AND DEVELOPMENT ONLY
19255	MISSILES, GUIDED, COMPLETE, SERVICES ONLY (OTHER THAN RESEARCH AND DEVELOPMENT)
26112	MITSCHERLICH WOODPULP
22562	MITTEN FABRIC, CIRCULAR KNIT AND FINISHED IN A KNIT FABRIC MILL
23811	MITTENS, DRESS, EXCEPT ALL LEATHER, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22590	MITTENS, MADE FROM YARN OR FABRIC, KNIT IN SAME ESTABLISHMENT
23812	MITTENS, WORK, EXCEPT ALL LEATHER, MADE FROM WOVEN OR PURCHASED KNIT FABRICS
35512	MIXERS AND WHIPPERS (EXCEPT DRINK MIXERS), COMMERCIAL
35316	MIXERS, CONCRETE, HAND OR POWERED
35512	MIXERS, DOUGH, BAKERY
36343	MIXERS, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS FOR SUCH ITEMS)
20455	MIXES, PREPARED FLOUR AND DRY FLOUR MIXES, MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT
36629	MOBILE TELEPHONE COMMUNICATION EQUIPMENT
35851	MOBILE VEHICLE REFRIGERATION SYSTEM, MECHANICAL, FOR TRUCKS, TRAILERS AND RAILWAY FREIGHT CARS
31412	MOCCASINS, MEN'S WORK SHOES, OXFORD TYPE
28124	MODIFIED SODAS
25224	MODULAR SERVICE UNITS, METAL OFFICE
25210	MODULAR SERVICE UNITS, WOOD OFFICE FURNITURE
25222	MODULAR UNIT DESKS, METAL
36795	MODULES, ELECTRONIC
22970	MOHAIR WOOL SCOURING AND COMBING MILL PRODUCTS
35791	MOISTENERS, GUMMED TAPE, FOR STORE AND OFFICE USE
20630	MOLASSES, BEET SUGAR
20610	MOLASSES, BLACKSTRAP, EXCEPT REFINERS'
20610	MOLASSES, MADE FROM CANE SUGAR, EXCEPT BLACKSTRAP (FROM WHICH SOME SUGAR HAS BEEN REMOVED)
20993	MOLASSES, NOT MADE IN SUGAR REFINERIES
20620	MOLASSES, REFINERS' BLACKSTRAP, CANE
36135	MOLDED CASE CIRCUIT BREAKERS
20722	MOLDED CHOCOLATE CONFECTIONS, BAR, PACKAGE OR BULK GOODS, MADE FROM COCOA BEANS GROUND IN THE SAME ESTABLISHMENT
20716	MOLDED CHOCOLATE CONFECTIONS, BAR, PACKAGE OR BULK GOODS, MADE FROM PURCHASED CHOCOLATE
34423	MOLDING AND TRIM, METAL
35592	MOLDING MACHINES, FOUNDRY, EXCEPT PATTERNS AND MOLDS
35593	MOLDING PLASTIC-WORKING MACHINERY, COMPRESSION, EXTRUSION AND INJECTION TYPE
24262	MOLDING STOCK, HARDWOOD DIMENSION
24991	MOLDINGS, FINISHED, FOR MIRRORS AND PICTURES
33211	MOLDS AND STOOLS, FOR HEAVY STEEL INGOTS, GRAY-IRON
35442	MOLDS, INDUSTRIAL
35442	MOLDS, OF METAL, FOR CASTING METALS, FOUNDRY MOLDS (EXCEPT INGOT)
35442	MOLDS, OF METAL, FOR MOLDING METAL, RUBBER AND PLASTICS
22114	MOLESKINS, NAPPED COTTON FABRICS (GRAY GOODS)
28219	MONOFILAMENTS, NOT SUITABLE FOR FURTHER MANUFACTURING ON TEXTILE PROCESSING EQUIPMENT
20961	MONOGLYCERIDES (SHORTENING AND COOKING OILS), VEGETABLE AND ANIMAL
35362	MONORAIL SYSTEMS, INDUSTRIAL
32811	MONUMENTAL, CUT STONE, GRANITE
23920	MOPS, MADE FROM PURCHASED FABRIC
19291	MORTAR SHELLS, OVER 30 MM. (OR OVER 1.18 INCHES)
19110	MORTARS, GUNS, HOWITZERS, OVER 30 MM. (OR OVER 1.18 INCHES)
39943	MORTICIANS' GOODS, EXCEPT CASKETS AND COFFINS
32530	MOSAIC TILE (CERAMIC)
28421	MOSQUITO REPELLANTS, PERSONAL USE
28421	MOTH CONTROL AGENTS
26431	MOTHPROOF BAGS, PAPER
38613	MOTION PICTURE PROCESSING EQUIPMENT, INCLUDING PRINTING, DEVELOPING AND DRYING MACHINES
35484	MOTOR ANALYZERS, AUTO
36220	MOTOR CONTROLS, ELECTRIC
37113	MOTOR COACHES, EXCEPT TROLLEY BUSSES, CHASSIS OF OWN MANUFACTURE
36216	MOTOR GENERATOR SETS (EXCEPT LAND TRANSPORTATION) PARTS AND EQUIPMENT ONLY
36215	MOTOR-GENERATOR SETS, INCLUDING DYNAMOTORS, CONVERTERS, INVERTERS (EXCEPT PARTS AND ATTACHMENTS FOR SUCH ITEMS)
35318	MOTOR GRADERS AND LIGHT MAINTAINERS
22110	MOTOR ROBES, COTTON AND CHIEFLY COTTON MADE IN BROADWOVEN FABRIC MILL
22219	MOTOR ROBES, OF MANMADE FIBER FABRICS: MADE IN BROADWOVEN FABRIC MILLS
36220	MOTOR STARTERS AND CONTROLLERS, ELECTRIC
35222	MOTOR TILLERS, AND GARDEN TRACTORS
30691	MOTOR VEHICLE BELTS, RUBBER
34291	MOTOR VEHICLE HARDWARE, INCLUDING LOCK UNITS, DOOR AND WINDOW HANDLES, HINGES, LICENSE PLATE BRACKETS, INSTRUMENT PANEL KNOBS, ETC.
36424	MOTOR VEHICLE LIGHTING EQUIPMENT, EXCEPT BULBS (EXCEPT PARTS AND ACCESSORIES)
37510	MOTORBIKES, BICYCLES, MOTORCYCLES, SCOOTERS, AND PARTS
37321	MOTORBOATS, INBOARD, ALL TYPES
37322	MOTORBOATS, OUTBOARD, INCLUDING PREFABRICATED KITS
30111	MOTORCYCLE PNEUMATIC TIRES, CASINGS
37410	MOTORCYCLES, BICYCLES, MOTORBIKES, SCOOTERS, AND PARTS
36212	MOTORS, AIRCRAFT AND SPACE, INTEGRAL HORSEPOWER
36211	MOTORS, ALTERNATING CURRENT, FRACTIONAL HORSEPOWER
35612	MOTORS AND PUMPS, HYDRAULIC, FLUID POWER
36943	MOTORS, CRANKING, FOR INTERNAL COMBUSTION ENGINES
36211	MOTORS, AUTOMOBILE ACCESSORY MOTORS (SUCH AS HEATERS, CONVERTIBLE TOPS, AUTOMATIC WINDOWS, ETC.)
36213	MOTORS, DIESEL-ELECTRIC, FOR LAND TRANSPORTATION EQUIPMENT (INCLUDING PARTS AND SUPPLIES)
36211	MOTORS, ELECTRIC, LESS THAN ONE HORSEPOWER (EXCEPT PARTS AND SUPPLIES)
36213	MOTORS, ELECTRICAL, AND GENERATORS, FOR LAND TRANSPORTATION EQUIPMENT (INCLUDING PARTS AND ACCESSORIES)
36216	MOTORS, ELECTRICAL (EXCEPT LAND TRANSPORTATION MOTORS, SUCH AS TROLLEY, ETC.) PARTS AND SUPPLIES ONLY
36213	MOTORS, GAS-ELECTRIC, FOR LAND TRANSPORTATION EQUIPMENT (INCLUDING PARTS AND SUPPLIES)
36212	MOTORS, INTEGRAL HORSEPOWER OTHER THAN FOR LAND TRANSPORTATION, A.C. AND D.C. CURRENT (EXCEPT PARTS AND SUPPLIES)
35195	MOTORS, OUTBOARD
36211	MOTORS, TOY AND AUTO HEATER (EXCEPT PARTS AND SUPPLIES)
24316	MOULDINGS, FINISHED WOOD, FOR WINDOW AND DOOR TRIM
19110	MOUNTS FOR WEAPONS OVER 30 MM. (OR OVER 1.18 INCHES)
35624	MOUNTED BEARINGS, BALL OR ROLLER
28444	MOUTH WASHES, GARGLES AND RINSES
35340	MOVING STAIRWAYS
35226	MOWERS, HAYING MACHINERY
28911	MUCILAGE
28993	MUDS (DRILLING MATERIALS), MUD THINNERS, THICKENERS AND PURIFIERS
23690	MUFFLERS, GIRLS' AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23230	MUFFLERS (NECKWEAR), MEN'S, YOUTHS', AND BOYS' KNIT OR WOVEN
37141	MUFFLERS, VEHICLE
23710	MUFFS, FUR
26433	MULTIWALL BAGS
20333	MUSHROOMS, CANNED, EXCEPT FROZEN
20353	MUSHROOM SAUCE
25112	MUSIC CABINETS, WOOD, FINISHED AND PAINTED
36515	MUSIC DISTRIBUTION APPARATUS
39314	MUSIC ROLLS, PERFORATED
39314	MUSIC STAND
31610	MUSICAL INSTRUMENT CASES
39314	MUSICAL INSTRUMENTS AND PARTS, EXCEPT PIANO AND ORGAN
39410	MUSICAL TOYS
22112	MUSLIN, BED SHEETINGS, 42-INCH AND WIDER (GRAY GOODS)
20332	MUSTARD, LEAFY GREEN, CANNED
20353	MUSTARD, PREPARED
20113	MUTTON, NOT CANNED OR MADE INTO SAUSAGE

Code	Product
28445	NAIL POLISH, LACQUERS AND ENAMELS
24411	NAILED OR LOCK-CORNER BOXES, FROM LUMBER, VENEER OR PLYWOOD
33992	NAILS, NONFERROUS, PRIMARY
33152	NAILS, STEEL
29118	NAPHTHA AND OTHER OILS FOR USE AS PETROCHEMICAL FEEDSTOCKS
29110	NAPHTHA SOLVENTS
28155	NAPHTHALENE
33121	NAPHTHALENE, BYPRODUCT OF COKE OVEN
22920	NAPKINS, LACE
26210	NAPKINS, PAPER STOCK
26472	NAPKINS, PAPER, TABLE, HOUSEHOLD, AND INDUSTRIAL
23920	NAPKINS, TABLE, MADE FROM PURCHASED FABRIC, EXCEPT LACE
22114	NAPPED COTTON FABRICS (GRAY GOODS), BROADWOVEN
28342	NARCOTIC, SUCH AS ALPHAPRODINE, ANILERIDINE, MEPERIDINE, METHADONE AND MORPHINE
22411	NARROW WOVEN FABRICS
28344	NASAL DECONGESTANTS, PHARMACEUTICAL FOR HUMAN USE
20221	NATURAL CHEESE, INCLUDING CHEDDAR, BRICK, CREAM AND SWISS
28712	NATURAL ORGANIC FERTILIZER PRODUCED IN SAME ESTABLISHMENT
20139	NATURAL SAUSAGE CASINGS
38111	NAUTICAL INSTRUMENTS
36628	NAVIGATION AND GUIDANCE SYSTEMS AND EQUIPMENT, MISSILE-BORNE AND SPACE VEHICLE-BORNE
36624	NAVIGATIONAL AIDS, ELECTRONIC
38111	NAVIGATIONAL INSTRUMENTS
23710	NECK PIECES, FUR
39111	NECKLACES, MADE OF PLATINUM AND CARAT GOLD
39112	NECKLACES MADE OF PRECIOUS METALS EXCEPT PLATINUM AND CARAT GOLD
23230	NECKTIES, INCLUDING PRINTED (MEN'S, YOUTHS', AND BOYS'), WOVEN OR KNIT POLYESTER, SILK, RAYON OR ACETATE AND ALL OTHER FABRICS
23690	NECKWEAR, GIRLS', CHILDREN'S, AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23230	NECKWEAR, MEN'S, YOUTHS', AND BOYS'
23393	NECKWEAR, WOMEN'S AND MISSES' (EXCEPT FUR)
35623	NEEDLE ROLLER BEARINGS
23951	NEEDLEWORK, ART
39642	NEEDLES, PINS, FASTENERS, EXCEPT SLIDE FASTENERS (NOTIONS)
23413	NEGLIGEES, WOMEN'S AND CHILDREN'S, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
28134	NEON, INDUSTRIAL
39931	NEON SIGN (ELECTRIC)
32292	NEON TUBING, GLASS, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	NEON TUBING, GLASS, FROM PURCHASED GLASS
22983	NET MAKING TWINE, COTTON FIBER
22920	NETS, LACE
22983	NETTING, FISHING, COTTON FIBER
22561	NETTING, INCLUDING SHOE NETTING, WARP KNIT AND FINISHED IN A KNIT FABRIC MILL
22111	NETTING, LAUNDRY, MADE OF COTTON FABRIC (GRAY GOODS)
24318	NEWELS, WOOD, FOR PORCH, STAIR, ETC.
27215	NEWS MAGAZINES, GENERAL AND BUSINESS SUBSCRIPTIONS AND SINGLE COPY
27112	NEWSPAPER ADVERTISING, RECEIPTS FROM, DAILY AND SUNDAY
27114	NEWSPAPER ADVERTISING, RECEIPTS FROM, WEEKLY AND OTHERS
27111	NEWSPAPER SUBSCRIPTIONS AND SALES, RECEIPTS FROM, DAILY AND SUNDAY
27113	NEWSPAPER SUBSCRIPTIONS AND SALES, RECEIPTS FROM, WEEKLY AND OTHERS
27526	NEWSPAPERS, PRINTED BY LITHOGRAPHIC
27517	NEWSPAPERS, READY PRINTS, SHOPPING NEWS AND MARKET CIRCULARS, GRAVURE PRINTING
27516	NEWSPAPERS, READY PRINTS, SHOPPING NEWS, AND MARKET CIRCULAR, LETTERPRESS PRINTED
26211	NEWSPRINT
33416	NICKEL BASE, SECONDARY SMELTING AND REFINING
28199	NICKEL COMPOUNDS, INORGANIC CHEMICALS
33560	NICKEL, PIPE AND TUBING, ROLLED, DRAWN AND EXTRUDED, NONFERROUS METAL MILL
33560	NICKEL, PLATE, SHEET, AND STRIP, ROLLED, DRAWN AND EXTRUDED, NONFERROUS METAL MILL
33397	NICKEL PRIMARY SMELTED
33560	NICKEL ROD, BAR AND MONEL, ROLLED, DRAWN AND EXTRUDED, NONFERROUS METAL MILL
28790	NICOTINE SULFATE INSECTICIDES FOR AGRICULTURE
34920	NIGHT DEPOSITORIES FOR BANKS
34294	NIGHT LATCHES AND DEADLOCKS
25115	NIGHT TABLES, WOODEN, PAINTED OR FINISHED
22543	NIGHTGOWNS AND SLEEPCOATS, KNIT, FOR WOMEN, MISSES, CHILDREN, AND INFANTS, MADE FROM YARNS OR FABRIC KNIT AT THE SAME ESTABLISHMENT
22562	NIGHTWEAR FABRICS, CIRCULAR KNIT AND FINISHED IN A KNIT FABRIC MILL
22561	NIGHTWEAR FABRICS, WARP KNIT AND FINISHED IN A KNIT FABRIC MILL
22541	NIGHTWEAR, KNIT MENS' AND BOYS', MADE FROM YARNS OR FABRIC KNIT IN THE SAME ESTABLISHMENT
22543	NIGHTWEAR, KNIT WOMEN'S AND CHILDREN'S, MADE FROM YARN AND FABRICS KNIT IN SAME ESTABLISHMENT
23219	NIGHTWEAR, MEN'S AND BOYS' (CONTRACT AND COMMISSION RECEIPTS)
23215	NIGHTWEAR, MEN'S AND BOYS', MADE OF WOVEN OR PURCHASED KNIT FABRICS
23419	NIGHTWEAR, WOMEN'S, CHILDREN'S, AND INFANTS' (CONTRACT AND COMMISSION RECEIPTS)
23413	NIGHTWEAR, WOMEN'S, CHILDREN'S, AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRICS
22211	NINONS, 100% FILAMENT RAYON AND/OR ACETATE FIBERS (GRAY GOODS)
30697	NIPPLES, AND PACIFIERS, RUBBER (DRUGGIST SUNDRIES)
28191	NITRIC ACID
28134	NITROGEN, INDUSTRIAL
28191	NITROGEN SOLUTIONS, AMMONIUM COMPOUNDS
28921	NITROGLYCERIN, INDUSTRIAL
28134	NITROUS OXIDE, INDUSTRIAL
22970	NOILS, WOOL OR OTHER
26316	NONBENDING COMBINATION PAPERBOARD, INCLUDING PLAIN CHIP, NEWS-LINED, AND WHITE-LINED
28242	NONCELLULOSIC FIBERS, SALABLE WASTE
32970	NONCLAY REFRACTORIES, EXCEPT DEAD-BURNED MAGNESIA
20231	NONFAT DRY MILK SOLIDS
33699	NONFERROUS CASTINGS, EXCEPT ZINC, COPPER AND ALUMINUM
33920	NONFERROUS METAL FORGINGS
33397	NONFERROUS METALS, PRIMARY SMELTED OR REFINED (OTHER THAN COPPER, LEAD, ZINC AND ALUMINUM)
28416	NONHOUSEHOLD DETERGENTS, FOR INDUSTRIAL, INSTITUTIONAL, OR COMMERCIAL USE
33151	NONINSULATED FERROUS WIRE ROPE, CABLE, AND STRAND, PRODUCED FROM WIRE DRAWN IN SAME ESTABLISHMENT
34811	NONINSULATED FERROUS WIRE ROPE, CABLE, NOT MADE BY WIREDRAWERS
32912	NONMETALLIC BONDED ABRASIVE PRODUCTS
32913	NONMETALLIC COATED ABRASIVE PRODUCTS
28342	NONNARCOTICS, SUCH AS SALICYLATES, ASPIRIN COMBINATION, AND ANTIARTHRITICS
34437	NONPRESSURE TANKS METAL (INCLUDING TANKS FOR TRAILERS) STANDARD LINE
37311	NONPROPELLED SHIPS AND BARGES, NEW
22991	NONWOVEN TEXTILES, BONDED FIBER FABRIC
20980	NOODLES AND NOODLE PRODUCTS, EXCEPT CANNED, INCLUDING ALL SHAPES, SIZES AND TYPES
28344	NOSE DROPS, PHARMACEUTICAL FOR HUMAN USE
27821	NOTEBOOKS, BLANKBOOK MAKING
26491	NOTEBOOKS, PAPER, INCLUDING MECHANICAL BOUND BY THREAD, WIRE, PLASTIC
22920	NOTTINGHAM LACE, MACHINE PRODUCTS
39933	NOVELTIES, ADVERTISING, EXCLUDING SIGNS AND DISPLAYS
34990	NOVELTIES AND SPECIALTIES, METAL, EXCEPT ADVERTISING NOVELTIES
24994	NOVELTIES, CORK
26495	NOVELTIES, GAMES, DISPLAYS, ETC. PAPER AND BOARD PRODUCTS
32291	NOVELTY GLASSWARE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	NOVELTY GLASSWARE FROM PURCHASED GLASS
22822	NOVELTY YARNS, OTHER THAN WOOL, NOT SPUN OR THROWN AT THE SAME ESTABLISHMENT
34320	NOZZLES, LAWN HOSE, BRASS GOODS
22970	NUBS AND SLUBS, WOOL OR OTHER
35791	NUMBERING MACHINES, OFFICE AND STORE, MECHANICAL
27313	NURSING BOOKS
32316	NURSERY BOTTLES, FROM PURCHASED GLASS
25116	NURSERY CHAIRS, WOODEN, PAINTED OR FINISHED
25116	NURSERY SEATS, WOODEN, PAINTED OR FINISHED
23392	NURSES, WASHABLE SERVICE APPAREL
20716	NUTMEATS, CANNED AND PACKAGED, INCLUDING PEANUTS
28349	NUTRIENTS AND TONICS VETERINARY PHARMACEUTICAL
34521	NUTS AND BOLTS
24262	NUTS, HARDWOOD DIMENSION STOCK
20716	NUTS, SOLD IN BULK: CANDIED, CRYSTALLIZED, GLACE, ETC.
20716	NUTS, SOLD IN BULK, SALTED, ROASTED, COOKED, BLANCHED, ETC.
22212	NYLON DRAPERY, UPHOLSTERY AND BLANKETING FABRIC (GRAY GOODS), 100% FILAMENT
22511	NYLON AND NYLON LEG FINISHED FULL FASHIONED STOCKINGS FOR WOMEN AND MISSES FULL- OR KNEE-LENGTH, STRETCH AND NONSTRETCH
28241	NYLON, MANMADE FIBERS, STAPLE AND TOW
28241	NYLON POLYAMIDE FIBERS FILAMENT YARN
28241	NYLON, SALABLE WASTE
22513	NYLON SEAMLESS STOCKINGS FOR WOMEN AND MISSES, FULL- OR KNEE-LENGTH STRETCH OR NONSTRETCH
22212	NYLON STRETCH FABRICS, 100% FILAMENT, GRAY GOODS
22212	NYLON AND CHIEFLY NYLON FABRICS, BROADWOVEN (GRAY GOODS) 100% FILAMENT
22940	OAKUM
20430	OAT BREAKFAST FOODS - READY TO SERVE
20416	OAT MILLFEED AND OTHER OAT GRAIN MILL PRODUCTS
20430	OATMEAL, BREAKFAST FOOD, TO BE COOKED BEFORE SERVING
28341	OBESITY PREPARATIONS, PHARMACEUTICAL FOR HUMAN USE
20110	OFFAL, KILLING FLOOR (PRODUCT OF SLAUGHTERING OPERATIONS)
20416	OFFAL, PRODUCED IN GRAIN MILLS
25420	OFFICE AND STORE FIXTURES, METAL
25410	OFFICE AND STORE FIXTURES, WOOD
25210	OFFICE FURNITURE, WOOD
30795	OFFICE MACHINES, PLASTICS, BOUNDING COMPONENTS AND ACCESSORIES
26451	OFFICE SUPPLIES, PAPER, DIE-CUT PAPER, PAPERBOARD AND CARDBOARD
35551	OFFSET LITHOGRAPHIC PRINTING PRESSES
35333	OIL AND GAS SEPARATING, METERING AND TREATING EQUIPMENT FOR OILFIELD AND GASFIELD PRODUCTION
20943	OIL, ANIMAL AND MARINE, EXCEPT SHORTENING AND COOKING, FATTY ACIDS, GREASE AND TALLOW
34336	OIL BURNERS, PARTS AND ATTACHMENTS
34331	OIL BURNERS, SOLD SEPARATELY, EXCEPT PARTS
20460	OIL, CORN, CRUDE AND REFINED
37141	OIL FILTER ELEMENTS, MOTOR VEHICLE
20961	OIL, OLIVE, FOR COOKING SALAD, ETC., PRODUCED AT THIS PLANT
28511	OIL PAINTS, ENAMELS AND VARNISHES IN READY-MIXED FORM
28513	OIL PAINTS, READY MIXED, INTERIOR INCLUDING ENAMELS, VARNISHES AND TINTING BASES, TRADE SALES
38214	OIL PRESSURE INDICATING INSTRUMENTS
34437	OIL STORAGE TANKS, BASEMENTS, METAL NONPRESSURE, STANDARD
28993	OIL TREATING COMPOUNDS
22953	OILCLOTH, ARTIFICIAL LEATHER
26412	OILED AND SIMILARLY TREATED PAPER
26412	OILED PAPER
35333	OILFIELD AND GASFIELD PRODUCTION MACHINERY AND EQUIPMENT EXCEPT PUMPS
34437	OILFIELD STORAGE TANKS, BOLTED METAL, NONPRESSURE, STANDARD
28445	OILS, BABY, BATH, SUNTAN
28993	OILS, ESSENTIAL, SUCH AS CITRUS OILS, PEPPERMINT OILS, ETC.
29117	OILS FOR LUBRICATING MADE IN REFINERIES
29920	OILS, LUBRICATING OILS MADE FROM PURCHASED MATERIALS
20961	OILS, SHORTENING, SALAD, AND COOKING, REFINED BLEACHED, DEODORIZED AND/OR WINTERIZED
29118	OILS, UNFINISHED AND LUBRICATING OIL BASE STOCK
20932	OILS, VEGETABLE (OTHER THAN COTTONSEED, SOYBEAN, AND LINSEED)
28346	OINTMENTS, JELLIES, PASTES, CREAMS, CERATES AND SALVES, FOR HUMAN USE PHARMACEUTICAL
28183	OLEIC ACID
28992	OLEIC ACID PRODUCED FOR SALE AS SUCH, FROM OWN OR PURCHASED MATERIALS
20962	OLEOMARGARINE
28193	OLEUM-SULFURIC ACID
20961	OLIVE OIL - FOR COOKING, SALAD, ETC., PRODUCED AT THIS PLANT
20331	OLIVES, CANNED
20352	OLIVES, GREEN, BULK
26216	ONIONSKIN AND MANIFOLD PAPER
26216	OPAQUE CIRCULAR PAPER
32114	OPAQUE GLASS, ROLLED, MADE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
33129	OPEN DIE HAMMER OR PRESS FORGING, STEEL FROM A STEEL MILL
33919	OPEN DIE HAMMER OR PRESS FORGING, STEEL, FROM PURCHASED MATERIALS
23930	OPEN MESH TEXTILE BAGS OF COTTON
38512	OPHTHALMIC FOCUS LENSES, INCLUDING CONTACT LENSES

Code	Product
38511	OPHTHALMIC GOODS, FRONTS AND TEMPLES FINISHED
38311	OPTICAL INSTRUMENTS AND LENSES, EXCEPT SIGHTING AND FIRE CONTROL EQUIPMENT
38311	OPTICAL MEASURING INSTRUMENTS
35595	OPTICAL MACHINERY
30695	O-RINGS AND ROLLS, RUBBER
28341	ORAL CONTRACEPTIVE PREPARATIONS, EXCEPT VAGINAL CONTRACEPTIVES
28444	ORAL HYGIENE PRODUCTS, INCLUDING DENTAL FLOSS, ADHESIVES, RINSES, CLEANSERS, ETC.
39313	ORGAN PARTS (EXCEPT BENCHES)
22115	ORGANDY, COMBED AND PART COMBED FINE COTTON, (GRAY GOODS)
28332	ORGANIC MEDICINAL CHEMICALS, IN BULK
28790	ORGANIC PHOSPHATE CONTAINING PREPARATIONS FOR AGRICULTURE
28153	ORGANIC PIGMENTS, SYNTHETIC
28152	ORGANIC SYNTHETIC DYES, CYCLIC
39312	ORGANS, COMPLETE
33156	ORNAMENTAL LAWN FENCE STEEL MADE IN WIREDRAWING PLANT
34816	ORNAMENTAL LAWN FENCE STEEL - NOT PRODUCED BY WIREDRAWERS
34460	ORNAMENTAL METAL WORKS (EXCEPT CURTAIN WALL AND OTHER EXTERIOR PANELS)
38410	ORTHOPEDIC INSTRUMENTS
38421	ORTHOPEDIC, SURGICAL, PROSTHETIC APPLIANCES AND SUPPLIES
36112	OSCILLOSCOPES, WAVEFORM MEASURING AND/OR ANALYZING EQUIPMENT
22112	OSNABURGS - COTTON SHEETING (GRAY GOODS)
25121	OTTOMANS, UPHOLSTERED WOOD
35663	OUTBOARD GEAR DRIVES (INBOARD PRIME MOVER)
37322	OUTBOARD MOTORBOATS, INCLUDING PREFABRICATED KITS
35195	OUTBOARD MOTORS
25117	OUTDOOR FURNITURE, WOOD, PAINTED OR FINISHED, EXCEPT UPHOLSTERED
22562	OUTERWEAR FABRICS, CIRCULAR KNIT AND FINISHED IN A KNITTING MILL
22561	OUTERWEAR FABRICS, WARP KNIT AND FINISHED IN A KNIT FABRIC MILL
22114	OUTING FLANNELS, COTTON (GRAY GOODS)
36430	OUTLETS, CONVENIENCE AND POWER, ELECTRICAL
28332	OVARY EXTRACTIONS, GLANDS, TISSUE FROM ANIMALS IN BULK
28423	OVEN CLEANERS
35671	OVENS AND FURNACES, ELECTRIC, INDUSTRIAL, METAL PROCESSING (EXCEPT PARTS AND ATTACHMENTS)
35672	OVENS AND FURNACES, FUEL FIRED, INDUSTRIAL, METAL PROCESSING, (EXCEPT PARTS AND ATTACHMENTS)
35673	OVENS AND FURNACES, INDUSTRIAL PROCESS - PARTS AND ATTACHMENTS ONLY
36312	OVENS AND RANGES, HOUSEHOLD, AND EQUIPMENT AND PARTS EXCEPT ELECTRIC
36311	OVENS AND RANGES, HOUSEHOLD ELECTRIC AND PARTS
36343	OVENS AND ROASTERS, ELECTRIC, HOUSEHOLD APPLIANCE (EXCEPT PARTS AND ATTACHMENTS)
35512	OVENS, BAKE, BAKERY
36311	OVENS, ELECTRIC, BUILT-IN OR STACK-ON, HOUSEHOLD
38112	OVENS, LABORATORY
35595	OVENS, NONMETALLIC, INDUSTRIAL
23690	OVERALLS, CHILDREN'S AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23282	OVERALLS, MEN'S AND BOYS'
23393	OVERALLS, WOMEN'S AND MISSES'
23114	OVERCOATS, BOYS', INCLUDING UNIFORM
23112	OVERCOATS, MEN'S, INCLUDING UNIFORM
23119	OVERCOATS, MEN'S, YOUTHS', AND BOYS' (CONTRACT AND COMMISSION RECEIPTS)
23371	OVERCOATS, WOMEN'S AND MISSES', INCLUDING UNIFORMS
34421	OVERHEAD METAL DOORS, INDUSTRIAL
35362	OVERHEAD TRAVELING CRANES AND MONORAIL AND PARTS AND ATTACHMENTS
30210	OVERSHOES, RUBBER OR RUBBER SOLED FABRIC
28182	OXALIC ACID
22112	OXFORDS, CARDED, COTTON SHEETING YARNS (GRAY GOODS)
22115	OXFORDS, COMBED AND FINE CARDED FINE COTTON (GRAY GOODS)
28134	OXYGEN, INDUSTRIAL
38410	OXYGEN TENTS, MEDICAL APPARATUS
20424	OYSTER SHELLS PREPARED FOR ANIMAL USE
20310	OYSTER STEW, CANNED EXCEPT FROZEN
20361	OYSTER STEW, PACKAGED FROZEN
20310	OYSTERS, CANNED EXCEPT FROZEN
20361	OYSTERS, FRESH PACKAGED, FROZEN
20362	OYSTERS, FRESH SHUCKED AND PACKAGED
30798	PACIFIERS, PLASTIC
30697	PACIFIERS, RUBBER
29990	PACKAGED FUEL FROM COAL OR PETROLEUM
20713	PACKAGED GOODS, CONFECTIONERY (EXCEPT SOLID CHOCOLATE)
30794	PACKAGING AND SHIPPING CONTAINERS, PLASTICS
35690	PACKAGING AND WRAPPING MACHINERY, EXCEPT FOOD AND TOBACCO
26218	PACKAGING PAPER, AND INDUSTRIAL CONVERTING PAPER, EXCEPT UNBLEACHED KRAFT
26217	PACKAGING PAPER, UNBLEACHED KRAFT AND INDUSTRIAL CONVERTING PAPER
32933	PACKING, ASBESTOS
32933	PACKING FOR SEALING MOVING PARTS, EXCEPT LEATHER, RUBBER, METAL
31210	PACKING, LEATHER, INDUSTRIAL, EXCEPT GASKETS AND WASHERS
35992	PACKING, METALLIC AND SEMIMETALLIC
30693	PADDING AND PADS, LATEX, FOAM RUBBER
34294	PADLOCKS, BUILDERS' HARDWARE
22930	PADS AND PADDINGS, MADE IN TEXTILE MILLS, INCLUDING PADDINGS OF HARD FIBER
30693	PADS AND PADDING, LATEX FOAM RUBBER
23920	PADS, BABY, QUILTED, MADE FROM PURCHASED FABRIC
26530	PADS, CORRUGATED AND SOLID FIBER
24290	PADS, EXCELSIOR, MADE IN A SAWMILL
22910	PADS, FELT
25152	PADS FOR CRIBS, BASKETS, BEDS, ETC., MADE OF ANY MATERIAL
26491	PADS, STATIONERY, INCLUDING BOOK, WRITING, AND NEWSPRINT
24450	PAILS, MADE OF COOPERAGE
34618	PAILS, METAL, EXCEPT SHIPPING
24430	PAILS, PLYWOOD
34911	PAILS, STEEL SHIPPING
28518	PAINT AND VARNISH REMOVERS
28511	PAINT, BARN AND ROOF, OIL-TYPE PAINTS, TRADE SALE
28511	PAINT, BITUMINOUS OIL-TYPE, TRADE SALE
28518	PAINT BRUSH CLEANERS
39912	PAINT BRUSHES
28512	PAINT, EMULSION, WATER-TYPE EXTERIOR, TRADE SALE
28513	PAINT, GLOSS AND SEMI-GLOSS OIL-TYPE INTERIOR, TRADE SALE
28513	PAINT, INTERIOR OIL-TYPE, TRADE SALES
35595	PAINT MAKING MACHINERY AND EQUIPMENT
28511	PAINT, MARINE, OIL-TYPE, EXCEPT SHIP BOTTOM, TRADE SALE
28423	PAINT REMOVERS, LIQUID AND POWDER
39912	PAINT ROLLERS
28511	PAINT, TRAFFIC, OIL-TYPE, TRADE SALE
28511	PAINT, UNDERCOATING AND PRIMERS, TRADE SALE, OIL-TYPE
28516	PAINT, ALKYD AND OIL-TYPES FOR INDUSTRIAL PRODUCT FINISHES
28514	PAINTS, EMULSION, WATER-TYPE, INTERIOR, TRADE SALES
28511	PAINTS, EXTERIOR, OIL AND ALKYD VEHICLE, TRADE SALES
28516	PAINTS, INDUSTRIAL MAINTENANCE, EXCEPT LACQUERS
28511	PAINTS, OIL EXTERIOR, TRADE SALE
28513	PAINTS, UNDERCOATING AND PRIMERS, OIL-TYPE INTERIOR, TRADE SALE
28516	PAINTS, UNDERCOATERS AND PRIMERS FOR INDUSTRY
28512	PAINTS, WATER-THINNED, EXTERIOR, INCLUDING DRY LIME AND CEMENT, TRADE SALES
28514	PAINTS, WATER-THINNED, INTERIOR, INCLUDING CASEIN AND CALCIMINES, TRADE SALES
22543	PAJAMAS, KNIT, FOR WOMEN, MISSES, CHILDREN, AND INFANTS, MADE FROM YARNS OR FABRIC KNIT AT THE SAME ESTABLISHMENT
22541	PAJAMAS, KNIT, MEN'S AND BOYS', MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23413	PAJAMAS, LOUNGING, WOMEN'S, MISSES', CHILDREN'S, AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRICS
23215	PAJAMAS, MEN'S AND BOYS', MADE OF WOVEN OR PURCHASED KNIT FABRICS
35370	PALLETS AND SKIDS, METAL
26530	PALLETS, CORRUGATED AND SOLID FIBER
24992	PALLETS, WOODEN OR WOOD AND METAL COMBINATION
27892	PAMPHLET BINDING, SOFT COVER
27322	PAMPHLET PRINTING, EXCEPT LITHOGRAPHIC, INCLUDING GRAVURE AND LETTERPRESS
27321	PAMPHLET PRINTING, LITHOGRAPHIC PROCESS
27515	PAMPHLETS FOR ADVERTISING, LETTERPRESS, PRINTED
27518	PAMPHLETS, PRINTED BY GRAVURE
27525	PAMPHLETS, PRINTED BY LITHOGRAPHIC PROCESS
27519	PAMPHLETS, PRINTED BY SCREEN PROCESS
27316	PAMPHLETS, PUBLISHED, OR PUBLISHED AND PRINTED
20415	PANCAKE DRY MIXES (MADE IN FLOUR MILLS)
20455	PANCAKE, DRY MIXES (MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT)
24996	PANEL STOCK, INCLUDING INTERIOR AND EXTERIOR PANELS AND SIDING NOT FACE FINISHED
26317	PANELBOARD AND WALLBOARD STOCK, SPECIAL COMBINATION PACKAGING AND INDUSTRIAL CONVERTING PAPERBOARD
36133	PANELBOARDS AND DISTRIBUTION BOARDS, 750 VOLTS AND UNDER
24996	PANELING, PREFINISHED, EXCEPT LAMINATED AND TILED WALLBOARD
26611	PANELS, INSULATING BOARD, INTERIOR, FACTORY FINISHED
24324	PANELS, LAMINATED, PLYWOOD TYPE FROM PURCHASED PLYWOOD
32723	PANELS, MADE OUT OF PRESTRESSED CONCRETE
34493	PANELS, METAL, EXTERIOR, PREFABRICATED
34492	PANELS, PARTS OR SECTIONS FOR PREFABRICATED METAL BUILDINGS (NOT COMPLETE)
30796	PANELS, PLASTICS, CORRUGATED AND FLAT FOR CONSTRUCTION
24332	PANELS, PREFABRICATED BUILDING, WOOD
24317	PANELS, WOOD, FOR BUILT-IN CABINETS
34294	PANIC DEVICES, DOOR HARDWARE
22542	PANTIES AND BLOOMERS, KNIT, WOMEN'S AND CHILDREN'S, MADE FROM YARNS OR FABRIC KNIT IN THE SAME ESTABLISHMENT
23412	PANTIES AND PETTIPANTS, MADE FROM WOVEN OR PURCHASED KNIT FABRICS
23850	PANTS, BABY, PLASTIC AND RUBBERIZED (NOT ALL RUBBER)
23271	PANTS, DRESS AND SPORT, INCLUDING SHORT PANTS, MEN'S, YOUTHS', AND BOYS'
23292	PANTS, SKI, MEN'S, YOUTHS', AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23630	PANTS, SKI AND SNOW, GIRLS' AND INFANTS'
23630	PANTS, SNOW AND COAT SETS, GIRLS' AND INFANTS'
23292	PANTS, SNOW, MEN'S, YOUTHS', AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23282	PANTS, WORK, MEN'S AND BOYS'
32932	PAPER AND FELT-BASE GASKETS
26432	PAPER AND PAPER COMBINATION BAGS AND LINERS
35540	PAPER AND PAPERBOARD CONVERTING EQUIPMENT
35540	PAPER BAGMAKING MACHINES
26212	PAPER, BODY STOCK FOR COATING, GROUNDWOOD
26214	PAPER, BOOK, UNCOATED
35540	PAPER BOX CARTON AND SHIPPING CONTAINER MAKING MACHINES
26612	PAPER, BUILDING (CONSTRUCTION) DRY BASIS BEFORE SATURATING
26612	PAPER, BUILDING, FLOOR COVERING AND ROOFING FELTS, SHEATHING
26495	PAPER, BUSINESS MACHINE SUPPLIES
26216	PAPER, CIGARETTE
33159	PAPER CLIPS, FERROUS, MADE IN WIREDRAWING PLANT
34819	PAPER CLIPS, FERROUS, NOT MADE BY WIREDRAWERS
26416	PAPER, CLOTH LINED, EXCEPT WATERPROOF
26217	PAPER, COARSE, UNBLEACHED KRAFT
26411	PAPER COATED FOR PRINTING AT OTHER THAN A PRIMARY MILL, COATED ONE AND TWO SIDES
32912	PAPER, COATED OR IMPREGNATED WITH ABRASIVE MATERIAL
26416	PAPER, CASEIN COATED
26216	PAPER, COVER, FINE OR THIN
26495	PAPER DRAPERIES
26416	PAPER, EMBOSSED, PRINTED AND PROCESSED
22217	PAPER FABRICS (GRAY GOODS), BROADWOVEN, MANMADE FIBER FABRICS, 100% SPUN
26216	PAPER, FINE, INCLUDING THIN PAPER
26216	PAPER, FINE WRITING, COTTON FIBER OR CHEMICAL WOODPULP
26210	PAPER FOR NAPKINS, TISSUE, TOWELING, WINDSHIELD WIPE STOCK, INDUSTRIAL WIPES
26411	PAPER FOR PRINTING, OFF MACHINE COATED AT ESTABLISHMENTS NOT PRODUCING PAPER
26492	PAPER, GIFT WRAPPING, PRINTED AND UNPRINTED
32913	PAPER, GLUE BOND, COATED OR IMPREGNATED WITH ANY NATURAL OR ARTIFICIAL ABRASIVE MATERIAL
26218	PAPER, GREASEPROOF AND/OR GLASSINE
26212	PAPER, GROUNDWOOD, PUBLICATION AND PRINTING, UNCOATED
26212	PAPER, GROUNDWOOD, UNCOATED
26413	PAPER, GUMMED
35540	PAPER INDUSTRIES, MACHINERY, INCLUDING PARTS, ATTACHMENTS
26213	PAPER MACHINE COATING PAPER
34815	PAPER MACHINE WIRE CLOTH, NONFERROUS, FOURDRINIER AND CYLINDER, NOT MADE BY WIREDRAWERS

Code	Product
33576	PAPER MACHINE WIRE CLOTH NONFERROUS, PRODUCED IN ESTABLISHMENTS WHICH INSULATE WIRE
26415	PAPER, MOISTUREPROOF AND VAPOR BARRIER, LAMINATED OR COATED WRAPPER
26451	PAPER OFFICE SUPPLIES, DIE-CUT
26412	PAPER, OILED, WAXED, AND WAX LAMINATED
28424	PAPERS, POLISHING AND CLEANING, CHEMICALLY TREATED
27821	PAPER RULING (PEN AND DISCS), MATERIAL OWNED BY OTHERS
19610	PAPER SHELLS, 30 MM. (OR 1.18 INCHES) AND UNDER
19610	PAPER SHELLS, 30 MM. (OR 1.18 INCHES) AND UNDER, EMPTY, BLANK AND LOADED
26416	PAPER, SOAP IMPREGNATED
26416	PAPER, SPECIAL COATED (MICA, PLASTIC, PYROXYLIN, LACQUER, METALLIC EXCEPT FOIL)
26219	PAPER, SPECIAL INDUSTRIAL, EXCEPT WINDSHIELD WIPER STOCK AND INDUSTRIAL WIPERS
26219	PAPER, SPECIAL INDUSTRIAL, RESIN IMPREGNATED STOCK
23930	PAPER (SPUN) TEXTILE BAGS, EXCEPT LAUNDRY, WARDROBE AND SHOE FROM PURCHASED FABRIC
26219	PAPER STOCK, ABRASIVE
26491	PAPER TABLETS, BOOK AND WRITING PAPER, NEWSPRINT
26216	PAPER, TEXT, FINE OR THIN
26217	PAPER, UNBLEACHED KRAFT
26219	PAPER, VULCANIZING FIBER STOCK, SPECIAL INDUSTRIAL
26495	PAPER WALLBOARD, LAMINATED, INDUSTRIAL
26415	PAPER WRAPPERS, LAMINATED OR COATED, EXCEPT WAXED (ROLLS AND SHEETS)
26495	PAPER, WATER AND MOISTUREPROOF, LAMINATED OR COATED WRAPPERS, EXCEPT WAXED
26415	PAPER, WATERPROOF (PLAIN, REINFORCED, CREPED, OR LINED), LAMINATED OR COATED WRAPPER
26217	PAPER, WRAPPING, COLORED OR NATURAL BROWN, UNBLEACHED KRAFT
26218	PAPER, WRAPPING, CONVERTING PAPER, EXCEPT UNBLEACHED KRAFT
22790	PAPER YARN CARPETS AND RUGS
26315	PAPERBOARD, BENDING CHIP, KRAFT-LINED, WHITE-LINED, CLAY COATED, COMBINATION BENDING PAPERBOARD
22217	PAPER YARN FABRICS (TWISTED), 100% SPUN
26312	PAPERBOARD, BENDING - SPECIAL FOOD BOARD, SOLID WOODPULP FURNISH, BLEACHED
26317	PAPERBOARD BLENDED BLEACHED FURNISH PAPERBOARD
26510	PAPERBOARD BOX AND CARTONS, FOLDING, EXCEPT ICE CREAM, BUTTER, MARGARINE, FROZEN FOOD, OTHER SPECIAL FOOD CONTAINERS
26311	PAPERBOARD CONTAINER, INCLUDING LINERS, CORRUGATING MATERIAL, CHIPBOARD, UNBLEACHED KRAFT
26530	PAPERBOARD, CORRUGATED IN SHEETS AND ROLLS
26314	PAPERBOARD, COMBINATION FURNISH, SHIPPING CONTAINERBOARD
26312	PAPERBOARD, FOLDING CARTON TYPE, BLEACHED PACKAGING, SOLID WOODPULP FURNISH
26311	PAPERBOARD, INCLUDING LINERBOARD (UNBLEACHED) FOLDING CARTON TYPE BOARD, CORRUGATING MEDIUM, UNBLEACHED KRAFT
26316	PAPERBOARD, NONBENDING COMBINATION FURNISH
26452	PAPERBOARD, PASTED, LINED, LAMINATED, OR SURFACE-COATED
26313	PAPERBOARD, SEMICHEMICAL, CORRUGATING MEDIUM, SOLID WOODPULP FURNISH
26317	PAPERBOARD, SPECIAL COMBINATION PACKAGING AND INDUSTRIAL CONVERTING PAPERBOARD
26312	PAPERBOARD, SPECIAL FOOD, SOLID WOODPULP FURNISH, BLEACHED
35552	PAPER CUTTING MACHINES-PRINTING TRADES MACHINERY
39912	PAPERHANGING BRUSHES
35540	PAPERMILL MACHINERY
26462	PAPIER MACHE ARTICLE, EXCEPT STATUARY AND ART GOODS
23990	PARACHUTES, NYLON OR OTHER FABRIC, FROM PURCHASED FABRIC
28349	PARASITICIDES, VETERINARY PHARMACEUTICAL
39997	PARASOLS, UMBRELLAS AND CANES
26218	PARCHMENT, VEGETABLE, COARSE PAPER
28790	PARIS GREEN
24261	PARQUETRY, HARDWOOD FLOORING
24993	PARTICLEBOARD, INCLUDING MACHINE WOODBOARD FROM WOOD RESIDUE
24993	PARTICLEBOARD, MADE BY PROCESS FROM WOOD RESIDUE - PLATEN OR EXTRUDED
24212	PARTITION LUMBER, DRESSED, MADE IN SAWMILL OR PLANING MILL
34460	PARTITIONS AND GUARDS, OPEN MESH METAL (EXCEPT CURTAIN, WALL AND OTHER EXTERIOR PANELS)
26530	PARTITIONS, CORRUGATED AND SOLID FIBER PAPERBOARD
25420	PARTITIONS, METAL
25410	PARTITIONS, WOOD
24332	PARTITIONS, WOOD, FOR PREFABRICATED AND PRE-CUT BUILDINGS
36332	PARTS, ACCESSORIES, ATTACHMENTS FOR HOUSEHOLD LAUNDRY EQUIPMENT, SOLD SEPARATELY
37224	PARTS, AIRCRAFT ENGINES
35891	PARTS AND ACCESSORIES FOR COMMERCIAL AND FOOD WARMING EQUIPMENT
35892	PARTS AND ACCESSORIES FOR COMMERCIAL ELECTRIC COOKING EQUIPMENT
36795	PARTS AND ACCESSORIES FOR ELECTRONIC DEVICES AND FOR ELECTRONIC TUBES (EXCEPT GLASS BLANKS)
36426	PARTS AND ACCESSORIES FOR ELECTRIC LIGHTING EQUIPMENT
36393	PARTS AND ACCESSORIES FOR ELECTRIC WATER HEATERS
36426	PARTS AND ACCESSORIES FOR FLUORESCENT LIGHTING EQUIPMENT, EXCEPT TUBES, BALLASTS, STARTING SWITCHES, AND LAMPHOLDERS
36311	PARTS AND ACCESSORIES FOR HOUSEHOLD ELECTRIC OVENS, STOVES, AND RANGES
35199	PARTS AND ACCESSORIES FOR INTERNAL COMBUSTION ENGINES, EXCEPT AIRCRAFT, AUTO, GAS TURBINES
37228	PARTS AND ACCESSORIES FOR MISSILE AND SPACE VEHICLE ENGINES AND/OR PROPULSION UNITS
37423	PARTS AND ACCESSORIES FOR RAILROAD CARS AND STREET CARS
35112	PARTS AND ACCESSORIES FOR TURBINES AND STEAM ENGINES
35792	PARTS AND ATTACHMENTS FOR ADDRESSING, DICTATING, DUPLICATING, AND OTHER OFFICE MACHINES
35743	PARTS AND ATTACHMENTS FOR CALCULATING AND ACCOUNTING MACHINES
35512	PARTS AND ATTACHMENTS FOR COMMERCIAL FOOD-PREPARATION MACHINES
35820	PARTS AND ATTACHMENTS FOR COMMERCIAL LAUNDRY EQUIPMENT
35352	PARTS AND ATTACHMENTS AND ACCESSORIES FOR CONVEYORS AND SYSTEMS
35552	PARTS, ATTACHMENTS, AND ACCESSORIES FOR PRINTING-TRADES MACHINERY AND EQUIPMENT
35319	PARTS AND ATTACHMENTS FOR CONSTRUCTION MACHINERY AND EQUIPMENT, SOLD SEPARATELY, EXCEPT POWER CRANES, DRAGLINES, SHOVELS
35733	PARTS AND ATTACHMENTS FOR ELECTRONIC COMPUTING EQUIPMENT
35340	PARTS AND ATTACHMENTS FOR ELEVATORS AND MOVING STAIRWAYS
35513	PARTS AND ATTACHMENTS FOR FOOD-PRODUCTS MACHINERY
35361	PARTS AND ATTACHMENTS FOR HOISTS (SOLD SEPARATELY)
35673	PARTS AND ATTACHMENTS FOR INDUSTRIAL FURNACES AND OVENS
35370	PARTS AND ATTACHMENTS FOR INDUSTRIAL TRUCKS AND TRACTORS, TRAILERS AND STACKERS
35424	PARTS AND ATTACHMENTS FOR METAL-FORMING TOOLS AND REBUILT METAL-FORMING MACHINERY
35324	PARTS AND ATTACHMENTS FOR MINING MACHINERY AND EQUIPMENT
38613	PARTS AND ATTACHMENTS FOR MOTION PICTURE EQUIPMENT
34336	PARTS AND ATTACHMENTS FOR OIL BURNER, WARM AIR FURNACE, CAST IRON AND STEEL HEATING BOILERS, MECHANICAL STOKERS
35362	PARTS AND ATTACHMENTS FOR OVERHEAD TRAVELING CRANES AND MONORAIL SYSTEMS
35540	PARTS AND ATTACHMENTS FOR PULPMILL AND PAPERMILL AND PAPER CONVERTING MACHINERY AND EQUIPMENT
35616	PARTS AND ATTACHMENTS FOR PUMPS, AIR AND GAS COMPRESSORS, PUMPING EQUIPMENT
35760	PARTS AND ATTACHMENTS FOR SCALES AND BALANCES
19512	PARTS AND ATTACHMENTS FOR SMALL ARMS 30 MM (1.18 IN.) AND UNDER
36344	PARTS AND ATTACHMENTS FOR SMALL HOUSEHOLD ELECTRICAL APPLIANCES
34433	PARTS AND ATTACHMENTS FOR STEEL POWER BOILER
38611	PARTS AND ATTACHMENTS FOR STILL CAMERAS
35522	PARTS AND ATTACHMENTS FOR TEXTILE MACHINERY
35313	PARTS AND ATTACHMENTS FOR TRACTORS, TRACKLAYING AND CONTRACTORS OFF-HIGHWAY (WHEEL TYPE)
35720	PARTS AND ATTACHMENTS FOR TYPEWRITERS, SOLD SEPARATELY
35531	PARTS AND ATTACHMENTS FOR WOODWORKING MACHINERY, EXCEPT THOSE DESIGNED FOR HOME WORKSHOP, GARAGES, AND SERVICE SHOPS
37291	PARTS AND AUXILIARY EQUIPMENT FOR AIRCRAFT
35629	PARTS AND COMPONENTS FOR BALL AND ROLLER BEARINGS, INCLUDING BALLS AND ROLLERS, SOLD SEPARATELY
36946	PARTS AND COMPONENTS FOR ENGINE ELECTRICAL EQUIPMENT
36213	PARTS AND SUPPLIES FOR LAND TRANSPORTATION ELECTRICAL MOTORS, (INCLUDING DIESEL-ELECTRIC AND GAS-ELECTRIC EQUIPMENT)
36216	PARTS AND SUPPLIES FOR MOTORS, GENERATORS, AND MOTOR-GENERATOR SETS, EXCEPT LAND TRANSPORTATION
37295	PARTS FOR AIRCRAFT PROPELLERS
38715	PARTS FOR ALL CLOCKS AND WATCHES, EXCEPT WATCH CRYSTALS, CASES AND JEWELS, AND COMPLETE UNCASED CLOCK MOVEMENTS
19110	PARTS FOR ARTILLERY OVER 30 MM. (OR OVER 1.18 INCHES)
35812	PARTS FOR AUTOMATIC MERCHANDISING MACHINES
37510	PARTS FOR BICYCLES, MOTORCYCLES, MOTORBIKES, SCOOTERS
39430	PARTS FOR CHILDREN'S VEHICLES
36112	PARTS FOR ELECTRICAL TEST EQUIPMENT, SOLD SEPARATELY
35229	PARTS FOR FARM MACHINERY, FOR SALE SEPARATELY
35111	PARTS FOR GENERATOR SET UNITS, STEAM, WATER, AND GAS
19110	PARTS FOR HEAVY WEAPONS OVER 30 MM. (OR OVER 1.18 INCHES)
36312	PARTS FOR HOUSEHOLD OVENS AND RANGES, EXCEPT ELECTRIC
36111	PARTS FOR INTEGRATING ELECTRICAL METERS
37413	PARTS FOR LOCOMOTIVES, FOR SALE SEPARATELY
35419	PARTS FOR METAL-CUTTING TYPE MACHINE TOOLS, SOLD SEPARATELY
39314	PARTS FOR MUSICAL INSTRUMENTS EXCEPT PIANO AND ORGANS
34336	PARTS FOR NONELECTRIC HEATING EQUIPMENT
35332	PARTS FOR OILFIELD AND GASFIELD DRILLING EQUIPMENT, EXCEPT FOR PORTABLE RIGS
39313	PARTS FOR PIANO AND ORGAN
35314	PARTS FOR POWER CRANES, DRAGLINES, AND SHOVELS
36749	PARTS FOR SEMICONDUCTORS (CHIPS, HEADERS, CANS, ETC.)
36912	PARTS FOR STORAGE BATTERIES, ALL TYPES, INCLUDING SLI
39410	PARTS FOR TOYS AND GAMES
36123	PARTS FOR TRANSFORMERS
24262	PARTS, INDUSTRIAL, COMPLETELY FABRICATED HARDWOOD
36220	PARTS, RENEWAL, FOR INDUSTRIAL CONTROL EQUIPMENT
24995	PARTS, WOOD, FABRICATED INDUSTRIAL, EXCEPT HARDWOOD
37115	PASSENGER CAR BODIES
30111	PASSENGER CAR AND MOTORCYCLE PNEUMATIC TIRES, CASINGS
37421	PASSENGER TRAIN CARS, NEW
33991	PASTE OF METAL, PRIMARY
35511	PASTEURIZERS FOR DAIRIES
20515	PASTRIES, ALL TYPES OF BAKING POWDER, LEAVENED ONLY, INCLUDING CREAM PUFFS, ECLAIRS, LADY FINGERS, FRENCH PASTRY, PUFF PASTRY, ETC. NOT FROZEN
31111	PATENT LEATHER FINISHED CATTLE HIDE
34443	PATIO ROOFS, SHEET METAL
27413	PATTERNS (INCLUDING CLOTHING PATTERNS)
35650	PATTERNS, INDUSTRIAL (WOOD, METAL, ETC.) EXCEPT SHOE PATTERNS
26495	PATTERNS, PAPER
35316	PAVERS, CONCRETE, FINISHES AND SPREADERS
35319	PAVING BREAKERS (AIR TOOL)
29510	PAVING JOINT AND CRACK FILLER
20714	PEANUT BRITTLE
20999	PEANUT BUTTER
20933	PEANUT CAKE AND MEAL
20932	PEANUT OIL
28163	PEARL ESSENCE PIGMENT
39610	PEARLS, IMITATION, INCLUDING NECKLETS
39130	PEARLS, DRILLING OF
20332	PEAS, CANNED (INCLUDING GREEN, BLACKEYE, CROWDER, PURPLE HULL, FIELD, ETC.)
20999	PECTIN (100 GRADE, DRY BASIS)
23393	PEDAL PUSHERS, WOMEN'S AND MISSES'
22524	PEDS AND ALL OTHER HOSIERY SHIPPED IN THE GREIGE
22523	PEDS, FINISHED SEAMLESS HOSIERY
20119	PELTS
39996	PELTS, SCRAPING, CURRYING, TANNING, BLEACHING AND DYEING
35791	PENCIL SHARPENERS
24995	PENCIL SLATS, WOODEN
39521	PENCILS, LEAD AND CRAYONS
39510	PENCILS, MECHANICAL, AND PENS
28430	PENETRANTS
39510	PENHOLDERS AND PENPOINTS
28348	PENICILLIN, PHARMACEUTICAL, FOR HUMAN USE
28331	PENICILLIN, SYNTHETIC, BULK
23990	PENNANTS, FROM TEXTILE PURCHASED FABRIC
20715	PENNY GOODS, CANDIES AND CONFECTIONERIES OTHER THAN BARS (UNITS RETAILING AT 4 CENTS OR LESS)
39510	PENS, MECHANICAL PENCILS AND PENPOINTS
28182	PENTAERYTHRITOL
20117	PEPERONI, NOT CANNED, MADE IN MEATPACKING PLANT
20137	PEPERONI, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20999	PEPPER, WHITE AND BLACK
28993	PEPPERMINT OILS, ESSENTIAL
28194	PERCHLORIC ACID

Code	Product
28182	PERCHLOROETHYLENE
34618	PERFORATED METAL END PRODUCTS, STAMPED OR PRESSED
28183	PERFUME MATERIALS, SYNTHETIC ORGANIC, EXCEPT BULK SURFACE ACTIVE AGENTS
28442	PERFUMES, TOILET WATER, COLOGNES
38311	PERIMETERS, (OPTICAL INSTRUMENTS)
27511	PERIODICAL AND MAGAZINE PRINTING BY LETTERPRESS
27517	PERIODICAL PRINTING BY GRAVURE
27212	PERIODICALS, FARM, ADVERTISING RECEIPTS
27211	PERIODICALS, FARM, SUBSCRIPTION AND SALES RECEIPTS
27215	PERIODICALS, GENERAL (I.E., OTHER THAN FARM, BUSINESS, AND PROFESSIONAL), RECEIPTS FROM SUBSCRIPTION AND SALES
27216	PERIODICALS, GENERAL (I.E., OTHER THAN FARM, SPECIALIZED BUSINESS, AND PROFESSIONAL), RECEIPTS FROM ADVERTISING
27521	PERIODICALS, PRINTED BY LITHOGRAPHIC
27214	PERIODICALS, PROFESSIONAL AND SPECIALIZED BUSINESS, RECEIPTS FROM ADVERTISING
27213	PERIODICALS, PROFESSIONAL AND SPECIALIZED BUSINESS, RECEIPTS FROM SUBSCRIPTION AND SALES
27217	PERIODICALS, RELIGIOUS, SCHOOL, SUNDAY MAGAZINE AND COMIC SUPPLEMENT, RECEIPTS FROM
20999	PERISHABLE PREPARED FOODS SOLD IN BULK OR PACKAGE (NOT FROZEN) INCLUDING SALADS, BREAD SANDWICHES, MEAT AND POULTRY PIES, ETC.
28443	PERMANENT WAVE SOLUTIONS, NEUTRALIZERS, RINSES
28921	PERMISSIBLES, INDUSTRIAL
28197	PEROXIDE, SODIUM
31720	PERSONAL LEATHER GOODS, EXCEPT HANDBAGS AND PURSES
28790	PESTICIDES, AGRICULTURE
28184	PESTICIDES AND OTHER SYNTHETIC ORGANIC AGRICULTURE CHEMICALS, NOT FORMULATED
20423	PET FOOD
29110	PETROLATUM
29110	PETROLEUM COKE
29116	PETROLEUM GASES, LIQUEFIED, MADE IN REFINERIES
28790	PETROLEUM OIL SPRAYS FOR AGRICULTURE
35595	PETROLEUM REFINERY MACHINERY AND EQUIPMENT
22542	PETTICOATS, KNIT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23412	PETTICOATS, MADE FROM WOVEN OR PURCHASED KNIT FABRICS
25312	PEWS, CHURCH
28343	PHARMACEUTICAL PREPARATIONS ACTING ON THE CARDIOVASCULAR SYSTEM, FOR HUMAN USE
28342	PHARMACEUTICAL PREPARATIONS ACTING ON THE CENTRAL NERVOUS SYSTEM AND THE SENSE ORGANS, FOR HUMAN USE
28345	PHARMACEUTICAL PREPARATIONS ACTING ON THE DIGESTIVE OR THE GENITOURINARY SYSTEM, FOR HUMAN USE
28344	PHARMACEUTICAL PREPARATIONS ACTING ON THE RESPIRATORY SYSTEM, FOR HUMAN USE
28346	PHARMACEUTICAL PREPARATIONS ACTING ON THE SKIN, FOR HUMAN USE
28341	PHARMACEUTICAL PREPARATIONS AFFECTING NEOPLASMS, INDOCRINE SYSTEM AND METABOLIC DISEASES, FOR HUMAN USE
28348	PHARMACEUTICAL PREPARATIONS AFFECTING PARASITIC AND INFECTIVE DISEASES FOR HUMAN USE
28349	PHARMACEUTICAL PREPARATIONS FOR VETERINARY USE
28214	PHENOLICS AND OTHER TAR ACID RESINS
25144	PHONOGRAPH CABINETS, METAL
25111	PHONOGRAPH CABINETS, WOOD, PAINTED OR FINISHED
36795	PHONOGRAPH CARTRIDGES AND PICK-UP, NEEDLES, CUTTING STYLE
36520	PHONOGRAPH RECORDS, RECORD BLANKS AND PRERECORDED TAPES
36514	PHONOGRAPHS AND RECORD PLAYERS
20411	PHOSPHATED FLOUR, DRY MIXES, MADE IN FLOUR MILLS
28197	PHOSPHATES OF SODIUM AND POTASSIUM
28711	PHOSPHATIC FERTILIZER MATERIAL
28194	PHOSPHORIC ACID
28199	PHOSPHORUS AND COMPOUNDS, INORGANIC CHEMICALS
38617	PHOTOCOPY PAPER, HEAT SENSITIVE
38612	PHOTOCOPYING EQUIPMENT
35552	PHOTOENGRAVING AND LITHOGRAPHING PLATEMAKING EQUIPMENT, EXCEPT CAMERA
27930	PHOTOENGRAVING PLATES MADE FOR OTHERS
36410	PHOTOFLASH BULBS
38113	PHOTOGRAMMETRIC EQUIPMENT, EXCEPT CAMERAS
28181	PHOTOGRAPHIC CHEMICALS, CYCLIC
38618	PHOTOGRAPHIC CHEMICALS, PREPARED
38611	PHOTOGRAPHIC EXPOSURE METERS
38617	PHOTOGRAPHIC PAPER AND CLOTH, SENSITIZED, EXCEPT SILVER HALIDE TYPE
38616	PHOTOGRAPHIC PAPER AND CLOTH, SENSITIZED, SILVER HALIDE TYPE
38615	PHOTOGRAPHIC SENSITIZING FILM AND PLATES
35552	PHOTOGRAPHIC TYPESETTING MACHINES
27910	PHOTOGRAPHIC TYPESETTING SERVICES
38311	PHOTOMICROGRAPHIC APPARATUS
26495	PHOTOMOUNTS AND FOLDERS, PAPER
28183	PHTHALIC ANHYDRIDE
38213	PHYSICAL PROPERTIES TESTERS (THICKNESS, WEAR, HARDNESS, ETC.)
31610	PHYSICIANS' BAGS, LEATHER
36930	PHYSIOTHERAPY EQUIPMENT, ELECTRICAL
28181	PHYTOL
25112	PIANO BENCHES AND STOOLS, WOOD FINISHED AND PAINTED
39313	PIANO PARTS (EXCEPT BENCHES)
39311	PIANOS, COMPLETE
20352	PICCALILLI
20352	PICKLED CUCUMBER, FINISHED
20310	PICKLED FISH (INCLUDING SUN DRIED)
20352	PICKLES AND PICKLE PRODUCTS, INCLUDING MIXES, RELISHES, ETC.
20353	PICKLES, UNFINISHED, (SALT STOCK)
34233	PICKS, TOOL
34293	PICNIC CHESTS, JUGS AND COOLERS, INSULATED
30798	PICNIC SUPPLIES, PLASTIC
25117	PICNIC TABLE SETS, WOOD, OUTDOOR
24991	PICTURE FRAMES - WOOD OR METAL
36720	PICTURE TUBES - CATHODE RAY ONLY, INCLUDING REBUILT
24991	PICTURES, FRAMED
20331	PIE MIXES, FRUIT, CANNED
20332	PIE MIXES, PUMPKIN AND SQUASH, CANNED
20455	PIECRUST, DRY MIXES (MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT)
20415	PIECRUST DRY MIXES (MADE IN FLOUR MILLS)
20514	PIES, DESSERT, NOT FROZEN
20373	PIES, FRUIT AND CUSTARD, FROZEN
20373	PIES, MEAT AND POULTRY, FROZEN
31114	PIG AND HOG LEATHER, FINISHED
33121	PIG IRON, PRODUCED BY BLAST FURNACE
28153	PIGMENT, SYNTHETIC, ORGANIC
28163	PIGMENTS, WHITE EXTENDER, BARYTES, BLANC FIXE, WHITING, IRON OXIDE, COLORED LEAD, IRON BLUE, PEAR ESSENCE, BONE AND LAMP BLACK
28161	PIGMENTS OF TITANIUM
28162	PIGMENTS OF ZINC OXIDE, LITHOPONE, ANTIMONY OXIDE, PURE ZINC SULFIDE
22116	PILE FABRICS, COTTON (GRAY GOODS)
22211	PILE, UPHOLSTERY, 100% FILAMENT RAYON OR ACETATE (GRAY GOODS)
22710	PILE, WOVEN, WOOL OR CHIEFLY WOOL SYNTHETIC
32722	PILING, POSTS AND POLES, PRECAST CONCRETE
24110	PILING, WOOD - MADE IN A LOGGING CAMP
22112	PILLOW AND INDUSTRIAL TUBING, COTTON (GRAY GOODS)
22118	PILLOWCASES, COTTON, MADE IN BROADWOVEN FABRIC MILLS
23928	PILLOWCASES, MADE FROM PURCHASED FABRIC
22219	PILLOWCASES, OF MANMADE FIBER FABRICS: MADE IN BROADWOVEN FABRIC MILL
30693	PILLOWS, LATEX FOAM RUBBER
23920	PILLOWS, MADE FROM PURCHASED FABRIC OR RUBBER, INCLUDING FOAM RUBBER
36220	PILOT CIRCUIT DEVICES
38111	PILOTS, AUTOMATIC AIRCRAFT, ETC., INSTRUMENTS
20332	PIMIENTOS, CANNED
22114	PIN CHECKS OR STRIPES, COTTON, MADE OF COLORED YARN FABRICS (GRAY GOODS)
23392	PINAFORES, WOMEN'S AND MISSES' WASHABLE SERVICE APPAREL
39992	PINBALL MACHINES
28611	PINE OIL
28611	PINE TAR AND PINE TAR OIL
34211	PINKING SHEARS
34521	PINS, COTTER AND EJECTOR FERROUS AND NONFERROUS
39642	PINS, NEEDLES, FASTENERS, EXCEPT SLIDE FASTENERS
24995	PINS, WOODEN, SUCH AS CLOTHES, DOWEL, ETC.
33212	PIPE, FITTINGS, CAST IRON, PRESSURE
32591	PIPE AND FITTINGS, CLAY VITRIFIED (SEWER PIPE)
34980	PIPE AND FITTINGS, FABRICATED MADE FROM PURCHASED PIPE
33512	PIPE AND TUBE, COPPER, ALLOYED AND UNALLOYED, ROLLED, DRAWN AND EXTRUDED
33560	PIPE AND TUBING, NICKEL, ROLLED, DRAWN, AND EXTRUDED IN A NONFERROUS METAL MILL
26461	PIPE, BITUMINOUS FIBRE
33213	PIPE, CAST IRON, SOIL, AND FITTINGS, GRAY IRON
39999	PIPE CLEANERS
32721	PIPE, CONCRETE
32927	PIPE, CONDUITS AND DUCTS, ASBESTOS
34443	PIPE, FURNACE AND STOVE, OF SHEET METAL
34945	PIPE HANGERS AND PIPE SUPPORTS
32933	PIPE INSULATION, CONTAINING ASBESTOS AND MAGNESIA, ETC.
32962	PIPE INSULATION, MINERAL WOOL
39312	PIPE ORGANS, COMPLETE
30796	PIPE, PLASTICS, CONSTRUCTION, (INCLUDING DRAIN TILE, SEWER PIPE PRESSURE PIPE)
33176	PIPE, STEEL, NOT MADE IN STEEL MILL
33126	PIPE, STEEL, PRODUCED IN STEEL MILL
33560	PIPE TUBING, TRAPS AND BENDS, LEAD, ROLLED, DRAWN OR EXTRUDED IN A NONFERROUS METAL MILL
24318	PIPE, WOOD
39999	PIPES, TOBACCO
22115	PIQUES, FINE COTTON GOODS, BROADWOVEN (GRAY GOODS)
19512	PISTOLS, REVOLVERS AND PARTS
19990	PISTOLS, DEPTH CHARGE RELEASE
35991	PISTONS AND RINGS, ALL TYPES
28155	PITCH, TAR (COAL) CRUDE
29522	PITCH, ROOFING, COAL TAR
35613	PITCHER PUMPS
34293	PITCHERS AND SERVERS, VACUUM
23920	PLACE MATS AND SETS, MADE FROM PURCHASED FABRICS
26495	PLACE MATS, PAPER
35418	PLANERS (METAL-CUTTING)
35482	PLANERS AND ROUTERS, POWER-DRIVEN HANDTOOL
35532	PLANERS AND SHAPERS, WOODWORKING MACHINES FOR HOME WORKSHOPS
34332	PLANES, CARPENTERS EDGE TOOL, HAND OPERATED
38112	PLANETARIUMS, ASSEMBLED
38113	PLANIMETERS
35531	PLANING AND SURFACING MACHINES, EXCEPT HANDHELD-WOODWORKING MACHINERY OTHER THAN FOR HOME USE
24995	PLANKS, EXTENSION, WOODEN
35223	PLANTING, SEEDING AND FERTILIZING MACHINERY
35319	PLANTS FOR CRUSHING, SCREENING, WASHING, PORTABLE FOR CONSTRUCTION WORK
32690	PLAQUES, POTTERY
35316	PLASTER MIXERS, ALSO MORTAR
32751	PLASTERS, BUILDING GYPSUM
32752	PLASTERS, INDUSTRIAL GYPSUM
35593	PLASTIC DIES, EXCEPT MOLDS
28211	PLASTIC FILMING, SHEETS, SHEETING, UNSUPPORTED, EXCEPT FOAM PRODUCED FROM RESINS MADE IN THIS PLANT
32970	PLASTIC REFRACTORIES AND RAMMING MIXES, WET AND DRY TYPE, NONCLAY
32550	PLASTIC REFRACTORIES, CLAY, WET AND DRY TYPES
36442	PLASTIC WIRING DEVICES AND SUPPLIES - NONCURRENT CARRYING
28183	PLASTICIZERS, CYCLIC AND ACYCLIC
28183	PLASTIZICERS, SYNTHETIC ORGANIC
26432	PLASTICS BAGS AND LINERS (UNSUPPORTED ACETATE, VINYL, POLYESTER FILMS, ETC.)
30792	PLASTICS, BUOYS AND FLOATS
30795	PLASTICS COMPONENTS, HOUSINGS, ACCESSORIES AND PARTS, TRANSPORTATION EQUIPMENT
39962	PLASTICS COVERING FOR WALL, FLOOR, AND COUNTER
30792	PLASTICS DECORATIONS
30797	PLASTICS DINNERWARE, TABLEWARE, AND KITCHENWARE
22690	PLASTICS FILM, PRINTED (FILM PURCHASED ELSEWHERE)
30791	PLASTICS FILM, SHEETS, SHEETING, UNSUPPORTED, EXCEPT FOAM, MADE FROM PURCHASED RESINS
30792	PLASTICS FOAMED PRODUCTS
30794	PLASTICS FOAMED PROTECTIVE SHIPPING PADS AND SHAPED PACKAGING
30795	PLASTICS GEARS, BEARINGS, BUSHINGS AND CAMS, INDUSTRIAL
30795	PLASTICS HARDWARE, CUSTOM-MADE
30798	PLASTICS HARDWARE, EXCEPT CUSTOM-MADE

Code	Product
25190	PLASTICS HOUSEHOLD FURNITURE
30792	PLASTICS INSULATION
30797	PLASTICS KITCHENWARE, TABLEWARE, DINNERWARE
22953	PLASTICS LAMINATED SHEETS, ON A TEXTILE OR RANDOM FIBER - LIGHT OR HEAVY WEIGHT FABRIC
30793	PLASTICS LAMINATED, SHEETS, RODS, AND TUBES
30796	PLASTICS PLUMBING FIXTURES AND PARTS
30796	PLASTICS PRODUCTS, CONSTRUCTION
30795	PLASTICS PRODUCTS, INDUSTRIAL
30798	PLASTICS PRODUCTS, CONSUMER AND COMMERCIAL, INCLUDING FLOWER BOXES, GARDEN HOSE, AND PICNIC SUPPLIES
23850	PLASTICS RAINCOATS AND RAIN CAPES
30797	PLASTICS SALT AND PEPPER SHAKERS
30791	PLASTICS SHEETS AND SHEETING, UNSUPPORTED, FROM PURCHASED RESINS
28211	PLASTICS SHEETS AND SHEETING, UNSUPPORTED, PRODUCED FROM RESINS MADE IN THIS PLANT
30794	PLASTICS SHIPPING AND PACKAGING CONTAINERS
30797	PLASTICS SQUEEZE BOTTLES FOR CATSUP, MUSTARD, ETC.
30791	PLASTICS STOCK SHAPES, UNSUPPORTED FROM PURCHASED RESINS
28211	PLASTICS STOCK SHAPES, UNSUPPORTED, MADE FROM RESINS PRODUCED IN THIS ESTABLISHMENT
30797	PLASTICS TABLEWARE, KITCHENWARE, DINNERWARE
30798	PLASTICS UTILITY CONTAINERS
28993	PLASTICS WOOD PREPARATIONS
35593	PLASTICS-WORKING MACHINERY AND EQUIPMENT, EXCEPT PATTERNS AND MOLDS
26312	PLATE, DISH AND FOOD SERVING STOCK, BLEACHED PACKAGING, SOLID WOOD PULP FURNISH
32114	PLATE GLASS BLANKS, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32112	PLATE GLASS, INCLUDING COLORED, FROM GLASS BLANKS PRODUCED IN SAME ESTABLISHMENT
32113	PLATE GLASS, LAMINATED, MADE FROM GLASS PRODUCED IN SAME ESTABLISHMENT
32313	PLATE GLASS, LAMINATED, MADE FROM PURCHASED GLASS
32316	PLATE GLASS, MADE OF PURCHASED GLASS
32315	PLATE GLASS MIRRORS - MADE FROM PURCHASED GLASS
33560	PLATE, SHEET AND STRIP, LEAD, ROLLED, DRAWN AND EXTRUDED, NONFERROUS METAL MILL
33560	PLATE, SHEET AND STRIP, NICKEL ROLLED, DRAWN AND EXTRUDED, NONFERROUS METAL MILL
34432	PLATE, STEEL, FABRICATED
39141	PLATED WARE, SILVERWARE, STAINLESS STEELWARE
35552	PLATEMAKING EQUIPMENT, PHOTOENGRAVING AND LITHOGRAPHING, EXCEPT CAMERAS
26462	PLATES AND DISHES, MOLDED PULP
27940	PLATES - DUPLICATE, FOR LETTERPRESS - ELECTROTYPING, STEREOTYPING AND MATRIXES, ONLY
27530	PLATES, DUPLICATES FOR LETTERPRESS (INCLUDING RUBBER AND ALL OTHER EXCEPT ELECTROTYPING, STEREOTYPING, AND MATRIXES)
32316	PLATES, GLASS, FLUORESCENT LIGHTING FIXTURES, FROM PURCHASED GLASS
27518	PLATES, GRAVURE, ROTOGRAVURE, MADE FOR OTHERS
27527	PLATES, LITHOGRAPHIC, MADE FOR OTHERS
26543	PLATES, PAPER, FOOD SERVING, STAMPED
26543	PLATES, PAPER, STAMPED
27930	PLATES, PHOTOENGRAVING, MADE FOR OTHERS
38615	PLATES, PHOTOGRAPHIC, GLASS
27530	PLATES, PRINTING AND ENGRAVING
24995	PLATES, WOODEN
37150	PLATFORM TRAILER, TRUCK
25210	PLATFORMS AND STAND ATTACHMENTS, WOOD OFFICE FURNITURE
28993	PLATING COMPOUNDS
34710	PLATING, POLISHING, ELECTROPLATING, ANODIZING, COLORING
33395	PLATINUM, PRIMARY SMELTING ALLOYED AND UNALLOYED
33415	PLATINUM, SECONDARY SMELTING AND REFINING, ALLOYED AND UNALLOYED
23699	PLAY GARMENTS, GIRLS', AND CHILDREN'S, CONTRACT RECEIPTS
23690	PLAY GARMENTS, GIRLS', AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22533	PLAY GARMENTS, KNIT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
31411	PLAY SHOES FOR MEN
31414	PLAY SHOES FOR WOMEN
25116	PLAY YARDS, WOOD, PAINTED OR FINISHED
39493	PLAYGROUND EQUIPMENT
25144	PLAYPENS, BABY, METAL
25116	PLAYPENS, WOOD, PAINTED OR FINISHED
23690	PLAYSHORTS, GIRLS', AND CHILDREN'S, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23393	PLAYSHORTS AND PLAYSUITS, WOMEN'S AND MISSES'
23690	PLAYSUITS, GIRLS', WOMEN'S, AND CHILDREN'S, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
27518	PLAYING CARDS, GRAVURE PRINTED
27526	PLAYING CARDS, PRINTED BY LITHOGRAPH
27516	PLAYING CARDS, PRINTED BY LETTERPRESS
23959	PLEATING FOR THE TRADE (CONTRACT RECEIPTS)
22211	PLIED YARN FABRICS, 100% FILAMENT RAYON AND/OR ACETATE (GRAY GOODS)
22822	PLIED YARNS, OTHER THAN WOOL (NOT SPUN OR THROWN AT SAME ESTABLISHMENT)
34231	PLIERS
38430	PLIERS, DENTAL
35224	PLOWS, LISTERS, AND ATTACHMENTS
36430	PLUGS, ELECTRIC
34944	PLUMBING AND HEATING VALVES, EXCEPT PLUMBERS' BRASS GOODS
34320	PLUMBING FIXTURES, FITTINGS AND TRIM, BRASS GOODS
32610	PLUMBING FIXTURES AND ACCESSORIES, VITREOUS CHINA, CHINA, EARTHENWARE
30796	PLUMBING FIXTURES AND PARTS, PLASTIC
34310	PLUMBING FIXTURES, METAL AND ENAMELED IRON
39620	PLUMES, FEATHERS AND ARTIFICIAL FLOWERS
22116	PLUSHES, COTTON (GRAY GOODS)
22829	PLYING OF YARN, EXCEPT WOOL NOT SPUN OR THROWN AT THE SAME ESTABLISHMENT (COMMISSION RECEIPTS)
24430	PLYWOOD CONTAINERS, EXCEPT BOXES AND CRATES
24321	PLYWOOD, HARDWOOD
35531	PLYWOOD-MAKING MACHINERY
24324	PLYWOOD, NONWOOD FACE FROM PURCHASED PLYWOOD
24324	PLYWOOD, PREFINISHED, EXCEPT PARTICLEBOARD, FROM PURCHASED PLYWOOD
24324	PLYWOOD PRODUCTS, EXCEPT PARTICLEBOARD, INCLUDING TWO PLY OR SINGLE PLY VENEER, BACKED AND/OR FACED FROM PURCHASED PLYWOOD
24323	PLYWOOD, SOFTWOOD, EXTERIOR
24322	PLYWOOD, SOFTWOOD, INTERIOR
24324	PLYWOOD TYPE PRODUCTS, EXCEPT PARTICLEBOARD - FROM PURCHASED PLYWOOD
24326	PLYWOOD VENEER, SOFTWOOD
30113	PNEUMATIC TIRES, OTHER THAN PASSENGER CAR, MOTORCYCLE, BUS, TRUCK, AND OFF-THE-HIGHWAY TYPES
34942	PNEUMATIC VALVES, ALL PRESSURES
34211	POCKET KNIVES AND OTHER FOLDING-BLADE KNIVES
38715	POCKET WATCHES, DOMESTIC MOVEMENTS
28421	POISONS, RODENT
38311	POLARISCOPE
37150	POLE AND LOGGING TRUCK TRAILER
36441	POLE-LINE AND TRANSMISSION HARDWARE-NONCURRENT-CARRYING DEVICES
25911	POLES, AND FIXTURES, CURTAIN AND DRAPERY, FABRICATED IN THIS PLANT
36425	POLES FOR STREET AND HIGHWAY LIGHTING, ALSO LAMPHOLDERS
24110	POLES, WOOD, MADE IN A LOGGING CAMP
24911	POLES, WOOD OWNED AND TREATED BY THIS ESTABLISHMENT
28424	POLISH FOR AUTOS, FURNITURE, FLOORS, METAL, SHOES, LEATHER
32114	POLISHED GLASS, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
35414	POLISHING AND BUFFING MACHINES (GRINDING MACHINE)
23920	POLISHING AND DUSTING CLOTHS, PLAIN
35892	POLISHING AND WAXING MACHINES, FLOOR, COMMERCIAL AND INDUSTRIAL
28424	POLISHING CLOTHS AND PAPERS, CHEMICALLY TREATED
34710	POLISHING, ELECTROPLATING, PLATING, ANODIZING, COLORING
36393	POLISHING MACHINES, FLOOR, (HOUSEHOLD)
28424	POLISHING PREPARATIONS
23612	POLO SHIRTS, KNIT, GIRLS' AND CHILDREN'S, ALSO TENNIS, T, AND SWEAT, MADE FROM PURCHASED FABRIC
22532	POLO SHIRTS, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23212	POLO SHIRTS, MEN'S AND BOYS', MADE FROM PURCHASED KNIT FABRICS
23312	POLO SHIRTS, WOMEN'S, MISSES', AND JUNIORS', MADE FROM PURCHASED KNIT FABRIC
28241	POLYAMIDE FIBERS, NYLON, EXCEPT MONOFILAMENTS
28213	POLYAMIDE RESINS, NYLON THERMOPLASTIC
28213	POLYCARBONATE RESINS THERMOPLASTIC
22212	POLYESTER AND OTHER FILAMENT COMBINATIONS FABRIC, GRAY GOODS
22214	POLYESTER BLENDS WITH COTTON ONLY, 100% SPUN FABRIC, GRAY GOODS
22212	POLYESTER FABRICS, 100% FILAMENT, INCLUDING TAFFETAS, TWILLS, SATINS, NINONS MARQUISETTES AND INDUSTRIAL TYPE
28242	POLYESTER FIBERS, STAPLE, TOW AND YARN
28214	POLYESTER RESINS, INCLUDING DIALLYLPHTHALATE
22212	POLYESTER STRETCH FABRICS, 100% FILAMENT, GRAY GOODS
26416	POLYETHYLENE COATED PAPER
28242	POLYETHYLENE FIBERS MONOFILAMENTS
28213	POLYETHYLENE RESINS THERMOPLASTIC
26416	POLYETHYLENE LAMINATED OR COATED TO MATERIALS OTHER THAN FOIL, ROLL AND SHEETS, PLAIN OR PRINTED
28211	POLYETHYLENE, UNSUPPORTED PLASTICS, PRODUCED FROM RESINS MADE IN THE SAME PLANT
28182	POLYHYDRIC ALCOHOLS
28213	POLYPROPYLENE RESINS, THERMOPLASTIC
28211	POLYPROPYLENE, UNSUPPORTED PLASTICS, PRODUCED FROM RESINS MADE IN THE SAME PLANT
28211	POLYSTYRENE, UNSUPPORTED PLASTICS, PRODUCED FROM RESINS MADE IN THE SAME PLANT
28214	POLYURETHANE RESIN
28242	POLYVINYL ACETATE FIBERS
28242	POLYVINYLIDENE CHLORIDE FIBERS, STAPLE, TOW, AND YARN
22115	PONGEES, FINE COTTON, GRAY GOODS, BROADWOVEN
37291	PONTOONS, AIRCRAFT
39493	POOL AND BILLIARD TABLES
34943	POP SAFETY VALVES AND RELIEF VALVES FOR PIPING SYSTEMS
34944	POP SAFETY VALVES FOR PLUMBING AND HEATING, EXCEPT PLUMBERS' BRASS GOODS
20713	POPCORN, CANDIED
20999	POPCORN, EXCEPT CANDIED, POPPED AND UNPOPPED
22112	POPLINS, CARDED COTTON, (GRAY GOODS)
22115	POPLINS, COMBED, FINE COTTON GOODS (GRAY GOODS)
22216	POPLINS, COMBINATION FILAMENT-AND-SPUN RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
22113	POPLINS, COTTON PRINT CLOTH, WRAP YARN (GRAY GOODS)
32690	PORCELAIN ELECTRICAL PRODUCTS
24318	PORCH COLUMNS, RAILS, AND NEWELS, WOOD
25143	PORCH FURNITURE, METAL
25190	PORCH FURNITURE, RATTAN, REED, CANE
25117	PORCH FURNITURE, WOODEN, OUTDOOR
25912	PORCH SHADES, BLINDS, EXCEPT CANVAS
20323	PORK AND BEANS, CANNED, INCLUDING BAKED
20114	PORK, FRESH AND FROZEN
20114	PORK, PRIMAL CUTS, INCLUDING TRIMMINGS, MADE IN SLAUGHTERING PLANTS
20116	PORK, PROCESSED, OR CURED IN MEATPACKING PLANT, CANNED OR MADE INTO SAUSAGE
20136	PORK, PROCESSED OR CURED, NOT CANNED OR MADE INTO SAUSAGE, NOT MADE IN MEATPACKING PLANT
20117	PORK ROLL, NOT CANNED, MADE IN MEATPACKING PLANT
20137	PORK ROLL, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20136	PORK, SMOKED (NOT OTHERWISE COOKED) NOT CANNED OR MADE INTO SAUSAGE, NOT PROCESSED IN MEATPACKING PLANT
20116	PORK, SMOKED (NOT OTHERWISE COOKED) NOT CANNED OR MADE INTO SAUSAGE, PROCESSED IN MEATPACKING PLANT
20114	PORK, VARIETY MEATS AND EDIBLE ORGANS, EXCEPT SAUSAGE AND CANNED, MADE IN MEATPACKING PLANT
20114	PORK, WHOLE CARCASS
36427	PORTABLE LAMPS, FIXTURES, RESIDENTIAL, EXCEPT BULB
36511	PORTABLE RADIOS, HOME-TYPE
20820	PORTER BEER, CANS, BOTTLES, BARRELS, AND KEGS
32410	PORTLAND CEMENT
26215	POST CARD, BLEACHED BRISTOLS
27516	POST CARDS, PICTURE, PRINTED BY LETTERPRESS
27413	POST CARDS, PICTURE, PUBLISHED
27526	POST CARDS, PICTURE, SOUVENIR, PRINTED BY LITHOGRAPHIC
35319	POST HOLE DIGGERS, POWER
36425	POST TOP LIGHTING EQUIPMENT, DECORATIVE (EXCEPT PARTS, ACCESSORIES, AND BULBS)
35791	POSTAGE METERS
35811	POSTAGE STAMP COIN-OPERATED VENDING MACHINES
26452	POSTED PAPERBOARD
26214	POSTER PAPER, UNCOATED
27515	POSTERS PRINTED BY LETTERPRESS
20263	POT CHEESE

Code	Product
28197	POTASSIUM, AND SODIUM COMPOUNDS, EXCEPT BLEACHES, ALKALIES, ALUMS
28124	POTASSIUM CARBONATE
28124	POTASSIUM HYDROXIDE, CAUSTIC POTASH
20992	POTATO CHIPS OR STICKS, PLAIN OR FLAVORED, BAGGED OR CANNED
35225	POTATO DIGGERS AND HARVESTERS
20999	POTATOES, JULIENNE STYLE (INCLUDING FRENCH FRIED)
20332	POTATOES, SWEET AND WHITE, CANNED
32550	POTTERS' SUPPLIES, CLAY REFRACTORIES
32690	POTTERY, ART, DECORATIVE, NOVELTY BOOK ENDS, ASHTRAYS
32690	POTTERY, GARDEN
32690	POTTERY WARE, CHEMICAL, TECHNICAL, AND INDUSTRIAL
31720	POUCHES, TOBACCO
35513	POULTRY AND MEATPACKING MACHINERY, INCLUDING PARTS AND ATTACHMENTS
20154	POULTRY, CANNED, EXCEPT SOUPS
20155	POULTRY, DRESSED AND PACKED, EXCEPT CHICKEN AND TURKEY
35228	POULTRY EQUIPMENT, FARM, INCLUDING ATTACHMENTS
20421	POULTRY FEED, PREPARED, COMPLETE, SUPPLEMENTS AND CONCENTRATES
20373	POULTRY, FROZEN
20373	POULTRY PIES, FROZEN
20942	POULTRY REFUSE, FERTILIZER-WET OR DRY
20994	POWDER, BAKING
28445	POWDER, CREAM, SACHET, AND PASTE
28445	POWDER, LIQUID AND COMPACT FOR WET APPLICATIONS
23990	POWDER PUFFS - FROM PURCHASED FABRIC
28921	POWDER, SMOKELESS AND BLASTING, INDUSTRIAL
28445	POWDER, TALCUM, TOILET, FACE
20231	POWDERED CREAM AND MILK
20620	POWDERED SUGAR - CONFECTIONER'S, CANE
33991	POWDERS OF METAL, PRIMARY
36131	POWER AND GROUND CONNECTORS GENERALLY USED IN SUBSTATION CONSTRUCTION
34433	POWER BOILERS, STATIONARY, STEEL, WATER OR FIRE TUBE (OVER 15 P.S.I. STEAM WORKING PRESSURE)
36132	POWER CIRCUIT BREAKERS (ALL VOLTAGES)
35314	POWER CRANE ATTACHMENTS INCLUDING BUCKETS, GRAPPLES, SLINGS, ETC.
35314	POWER CRANE, DRAGLINE AND SHOVEL ATTACHMENTS (FRONT END), BUCKETS, GRAPPLES, AND SLINGS
35314	POWER CRANES, INCLUDING LOCOMOTIVE FULL CIRCLE, REVOLVING WITH BOOMS, ALSO DRAGLINES, SHOVELS AND PARTS
35482	POWER-DRIVEN HANDTOOLS, INCLUDING PARTS AND ATTACHMENTS
36131	POWER FUSES AND FUSE LINKS
36123	POWER REGULATORS, BOOSTERS, AND REACTORS AND TRANSFORMER PARTS
36795	POWER SUPPLIES FOR ELECTRONIC APPLICATOR
36131	POWER SWITCHING EQUIPMENT
37291	POWER TAKEOFF GEARS, AIRCRAFT
34942	POWER TRANSFER VALVES INCLUDING HYDRAULIC AND PNEUMATIC, ALL PRESSURES (EXCEPT AIRCRAFT)
36122	POWER TRANSFORMERS
35662	POWER-TRANSMISSION-MECHANICAL, EXCEPT MARINE, AUTO, AND AIRCRAFT
33578	POWER WIRE AND CABLE
35370	POWERED TRUCKS AND TRACTORS, ELECTRIC OR GASOLINE, INDUSTRIAL
32410	POZZOLAN (SLAG LIME)
27314	PRAYER BOOKS
23890	PRAYER SHAWLS
36515	PREAMPLIFIERS AND AMPLIFIERS
32722	PRECAST CONCRETE PRODUCTS
33395	PRECIOUS METALS, ALLOYED AND UNALLOYED, PRIMARY SMELTING
33560	PRECIOUS METALS, INCLUDING GOLD, SILVER AND PLATINUM, ROLLED, DRAWN AND EXTRUDED IN A NONFERROUS METAL MILL
33415	PRECIOUS METALS, SECONDARY REFINING PIG, INGOT, SHOT, ALLOY, AND UNALLOY
35452	PRECISION MEASURING TOOLS, MACHINISTS'
34812	PRECISION MECHANICAL SPRINGS
24332	PRECUT BUILDINGS AND PARTS, WOOD
34492	PREFABRICATED AND PORTABLE METAL BUILDING AND PARTS
24332	PREFABRICATED BUILDINGS, WOOD, SOLD AS COMPLETE UNITS
24332	PREFABRICATED WOOD PARTS FOR BUILDINGS NOT SOLD AS COMPLETE UNITS
26462	PREPACKAGING TRAYS AND BOARDS, FOOD-PRESSED AND MOLDED PULP GOODS
20353	PREPARED MUSTARD
38618	PREPARED PHOTO CHEMICALS
28518	PRESERVATIVES, WOOD AND TEXTILE
20338	PRESERVES-DIETETIC
20338	PRESERVES, FRUIT, PURE
24919	PRESERVING WOOD, CONTRACT RECEIPTS (I.E., PRESERVING OF WOOD OWNED BY OTHER ESTABLISHMENTS)
24911	PRESERVING, WOOD, OWNED AND TREATED BY SAME ESTABLISHMENT
28423	PRESHAVE PREPARATIONS AND STYPTICS
33919	PRESS, AND HAMMER STEEL FORGINGS FROM PURCHASED MATERIALS
33129	PRESS AND HAMMER STEEL FORGINGS, FROM STEEL MILLS
35441	PRESS DIES
26219	PRESSBOARD, INCLUDING IMITATION PRESSBOARD, SPECIAL INDUSTRIAL
24996	PRESSBOARD, WOOD FIBER
35820	PRESSES, COMMERCIAL LAUNDRIES
35551	PRESSES, GRAVURE, SHEET-FED AND WEB-FED
35551	PRESSES, LETTER, ROLL, WEB-FED, ROTARY AND SHEET-FED
35422	PRESSES, METALWORKING, INCLUDING FORGING PRESSES
35551	PRESSES, OFFSET
35551	PRESSES, PRINTING
35820	PRESSING MACHINES INCLUDING TAILOR-TYPE PRESSES, COMMERCIAL
33610	PRESSURE COOKERS, CAST ALUMINUM, EXCEPT STEAM COMMERCIAL AND ELECTRIC
35891	PRESSURE COOKERS, COMMERCIAL
38213	PRESSURE INSTRUMENTS, INDUSTRIAL PROCESS
32721	PRESSURE PIPE, CONCRETE
26414	PRESSURE SENSITIVE LABELS (UNPRINTED)
26414	PRESSURE SENSITIVE TAPES, INCLUDING PAPER, CLOTH, AND PLASTIC BACKING EXCLUDING RUBBER
34435	PRESSURE TANKS, METAL INCLUDING ANHYDROUS AMMONIA, STANDARD LINE
34943	PRESSURE VALVES, IRON AND STEEL FOR PIPING SYSTEMS
34439	PRESSURE VESSELS AND TANKS, METAL, CUSTOM FABRICATED AND FIELD ERECTED
34438	PRESSURE VESSELS AND TANKS, METAL CUSTOM FABRICATED AT THE FACTORY
32723	PRESTRESSED CONCRETE PRODUCTS, FABRICATED BUILDING MEMBERS OR COMPONENTS
20521	PRETZELS
36920	PRIMARY BATTERIES, DRY AND WET, INCLUDING PARTS AND SUPPLIES
36214	PRIME MOVER GENERATOR SETS, EXCEPT STEAM AND HYDRAULIC TURBINE (EXCLUDE PARTS AND SUPPLIES FOR SUCH ITEMS)
19291	PRIMERS, FOR ARTILLERY AMMUNITION OVER 30 MM. (OR OVER 1.18 INCHES)
22113	PRINT CLOTHS, COTTON (GRAY GOODS) BROADWOVEN
36795	PRINTED CIRCUIT BOARDS
26213	PRINTING AND CONVERTING PAPER COATED ONE OR TWO SIDES
27515	PRINTING ADVERTISING BY LETTERPRESS
22619	PRINTING AND FINISHING OF BROADWOVEN COTTON FABRICS ON A COMMISSION (CONTRACT, ETC.) BASIS
22629	PRINTING AND FINISHING OF MANMADE FIBER AND SILK, BROADWOVEN FABRICS ON A COMMISSION (CONTRACT, ETC.) BASIS
27311	PRINTING AND PUBLISHING OF TEXTBOOKS
27518	PRINTING BY GRAVURE OF LABELS, WRAPPERS, ADVERTISING PRINTING, FINANCIAL AND LEGAL PRINTING
27517	PRINTING BY GRAVURE OF NEWSPAPERS, SHOPPING NEWS, MARKET CIRCULARS, MAGAZINES, PERIODICALS, CATALOGS, DIRECTORIES AND COMIC SUPPLEMENTS
27519	PRINTING BY SCREEN PROCESS, EXCEPT TEXTILES
28930	PRINTING INK
27525	PRINTING OF ADVERTISING BY LITHOGRAPHIC PROCESS
27514	PRINTING OF BANK CHECKS BY LETTERPRESS
27523	PRINTING OF CATALOGS, DIRECTORIES BY LITHOGRAPHIC
27513	PRINTING OF CATALOGS AND DIRECTORIES BY LETTERPRESS
27524	PRINTING OF FINANCIAL AND LEGAL FORMS BY LITHOGRAPHIC PROCESS
27514	PRINTING OF FINANCIAL AND LEGAL FORMS BY LETTERPRESS
27522	PRINTING OF LABELS AND WRAPPERS BY LITHOGRAPHIC
27512	PRINTING OF LABELS AND WRAPPERS BY LETTERPRESS
27521	PRINTING OF MAGAZINES, PERIODICALS, SUNDAY COMIC SUPPLEMENTS BY LITHOGRAPHIC
27526	PRINTING OF NEWSPAPERS BY LITHOGRAPHIC PROCESS
27613	PRINTING OF SALES AND MANIFOLD BOOKS
22617	PRINTING ON COTTON FROM BROADWOVEN PURCHASED FABRICS
22117	PRINTING ON COTTON MADE IN BROADWOVEN FABRIC MILL
22628	PRINTING ON MANMADE FIBER OR SILK BROADWOVEN PURCHASED FABRIC
27516	PRINTING ON METAL, BY LETTERPRESS
22218	PRINTING ON MANMADE FIBER OR SILK MADE IN BROADWOVEN FABRIC MILL
27526	PRINTING ON METAL BY LITHOGRAPHIC PROCESS
26411	PRINTING PAPER, COATED AT ESTABLISHMENTS NOT PRODUCING PAPER
35551	PRINTING PRESSES
27214	PROFESSIONAL PERIODICAL PUBLISHING ADVERTISING, RECEIPTS
27213	PROFESSIONAL PERIODICAL PUBLISHING, RECEIPTS FROM SUBSCRIPTION AND SALES
27313	PROFESSIONAL, TECHNICAL, SCIENTIFIC BOOKS
28341	PROGESTERONE
38613	PROJECTORS, MOTION PICTURE
38611	PROJECTORS, SLIDE AND STRIP FILM
32530	PROMENADE TILE
28922	PROPELLANTS PRODUCED IN GOVERNMENT OWNED CONTRACTOR OPERATED PLANTS
28921	PROPELLANTS, SMOKELESS POWDER, INDUSTRIAL
37295	PROPELLERS, AIRCRAFT, INCLUDING PROPELLER PARTS
30697	PROPHYLACTICS, (MEDICAL)
37225	PROPULSION UNITS AND/OR ENGINES FOR MISSILES OR SPACE VEHICLES
38421	PROSTHETIC, SURGICAL ORTHOPEDIC, APPLIANCES AND SUPPLIES
38423	PROTECTIVE CLOTHING
28242	PROTEIN FIBERS - STAPLE AND TOW
34211	PRUNERS (EXCEPT ELECTRIC)
34211	PRUNERS SHEARS, INCLUDING HEDGE AND GRASS, EXCEPT ELECTRIC
36515	PUBLIC ADDRESS SYSTEMS
25312	PUBLIC BUILDING AND RELATED FURNITURE, EXCEPT SCHOOL FURNITURE
27412	PUBLICATIONS, BUSINESS SERVICE
27311	PUBLISHING AND PRINTING OF TEXT BOOKS
27711	PUBLISHERS SALES OF GREETING CARDS
27413	PUBLISHING SHEET MUSIC
27413	PUBLISHING OF MAPS, CHARTS, ATLASES, GAZETTEERS, GLOBE COVERS, SHOPPING NEWS, SHEET MUSIC
20117	PUDDINGS, MEAT, NOT CANNED, MADE IN MEATPACKING PLANT
20137	PUDDINGS, MEAT, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20110	PULLED WOOL
22531	PULLOVER SWEATERS, KNIT, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
23690	PULLOVERS, GIRLS', CHILDREN'S, AND INFANTS', MADE FROM PURCHASED KNIT FABRICS
26112	PULP AND PULPMILL BYPRODUCTS, EXCEPT TALL OIL AND SPECIAL ALPHA AND DISSOLVING WOODPULP
26461	PULP GOODS, PRESSED AND MOLDED, CONDUIT, PIPE, AND FITTINGS
26112	PULP LIQUOR
25312	PULPITS, CHURCH FURNITURE
35540	PULPMILL BLEACHING EQUIPMENT
26112	PULPMILL BYPRODUCTS, EXCEPT TALL OIL
26112	PULPMILL COOKING LIQUOR BYPRODUCTS (SKIMMINGS, BINDERS AND FUEL)
35540	PULPMILL MACHINERY
24110	PULPWOOD
26111	PULPWOOD, SPECIAL ALPHA AND DISSOLVING
35224	PULVERIZERS, FARM MACHINERY, INCLUDING ATTACHMENTS
35319	PULVERIZERS AND GRINDERS, PORTABLE
35322	PULVERIZING, CRUSHING AND SCREENING PLANTS, STATIONARY FOR MINING
35663	PULLEYS, FOR MECHANICAL POWER-TRANSMISSION EQUIPMENT, EXCEPT AUTO, MARINE, AND AIRCRAFT
35333	PUMPING UNITS AND ACCESSORIES OILFIELD AND GASFIELD ROD LIFTING MACHINERY
20332	PUMPKIN AND SQUASH, INCLUDING PIE MIX, CANNED
35613	PUMPS AND DOMESTIC WATER SYSTEMS
35612	PUMPS, AND MOTORS HYDRAULIC FLUID POWER
35616	PUMPS AND PUMPING EQUIPMENT, PARTS AND ATTACHMENTS ONLY
35860	PUMPS, FILLING STATIONS
35860	PUMPS, GASOLINE AND OIL DISPENSING
35611	PUMPS, INDUSTRIAL, EXCEPT HYDRAULIC FLUID POWER
35860	PUMPS, MEASURING AND DISPENSING
35615	PUMPS, OIL BURNER, APPLIANCE, FIRE ENGINE
35615	PUMPS, OIL WELL AND OILFIELD
35613	PUMPS, WINDMILL
20371	PUNCH, FRUIT, FROZEN
35731	PUNCHCARD SYSTEM MACHINES
34232	PUNCHES, EDGETOOL, HAND OPERATED
35441	PUNCHES, METALWORKING
35421	PUNCHING AND SHEARING MACHINES, METALWORKING USE
39493	PUNCHING BAGS
32950	PUMICE, GROUND OR OTHERWISE TREATED
28345	PURGATIVES, PHARMACEUTICAL FOR HUMAN USE
31710	PURSES, LADIES' AND CHILDREN'S, ANY MATERIAL EXCEPT PRECIOUS METAL
28518	PUTTIES FOR WOOD OR METAL
28518	PUTTY, GLAZING AND CAULKING COMPOUNDS
39410	PUZZLES AND GAMES
38213	PYROMETERS AND THERMOMETERS
28993	PYROTECHNICS AND FIREWORKS

Code	Product
19990	PYROTECHNIC PISTOLS AND PARTS
22951	PYROXYLIN-COATED FABRICS ON A TEXTILE BASE - LIGHT AND HEAVY COTTON SHADE CLOTH AND OTHER FABRICS
32530	QUARRY TILE AND PROMENADE TILE
32740	QUICKLIME
23291	QUILT LINED JACKETS, MENS' AND BOYS'
20424	RABBIT FEED
20155	RABBITS, DRESSED, AND PACKED
27413	RACING FORMS PUBLISHED
39493	RACKETS, BADMINTON AND TENNIS
37992	RACKS AND BOXES FOR MOUNTING ON WAGONS, TRUCKS, AND TRAILER GEARS FOR FARM USE
25410	RACKS, CLOTHING, WOODEN
39410	RACING SETS, VEHICULAR (TOY)
36442	RACEWAYS, ELECTRICAL, NONCURRENT CARRYING DEVICES
36795	RADAR ANTENNAS
36624	RADAR SEARCH AND DETECTION APPARATUS
36625	RADAR SYSTEMS AND EQUIPMENT
36930	RADIATION EQUIPMENT EXCEPT DIFFRACTION
34443	RADIATOR ENCLOSURES, SHEET METAL
28993	RADIATOR SEAL (STOP LEAK)
34333	RADIATORS, CAST IRON EXCEPT PARTS
37141	RADIATORS FOR VEHICLES
36622	RADIO AND T.V. BROADCAST EQUIPMENT, AND CLOSED CIRCUIT SYSTEMS
36626	RADIO ASTRONOMY EQUIPMENT
25144	RADIO CABINETS, METAL
25111	RADIO CABINETS, WOOD, PAINTED OR FINISHED
36511	RADIO, HOUSEHOLD AND AUTO
36511	RADIO-PHONOGRAPH COMBINATION, HOUSEHOLD
28341	RADIOACTIVE ISOTOPES FOR INTERNAL USE
28199	RADIUM COMPOUNDS
36930	RADIUM EQUIPMENT
26112	RAG PULP
33120	RAIL JOINTS CARBON STEEL, A STEEL MILL PRODUCT
35319	RAIL LAYERS, BALLAST SPREADER, RAILWAY MAINTENANCE OF WAY EQUIPMENT (EXCEPT RAILCAR)
33120	RAIL TIE PLATES CARBON STEEL, A STEEL MILL PRODUCT
34291	RAILROAD CAR HARDWARE
35663	RAILROAD CAR JOURNAL BEARINGS, MECHANICAL POWER TRANSMISSION EQUIPMENT
24262	RAILROAD CAR STOCK, HARDWOOD DIMENSION FOR INDUSTRY
33232	RAILROAD CAR WHEELS, CAST STEEL (FOUNDRY)
37423	RAILROAD CARS, REBUILT
37422	RAILROAD FREIGHT TRAIN CARS, NEW
34990	RAILROAD FROGS, SWITCHES AND CROSSINGS FABRICATED METAL ASSEMBLIES
37421	RAILROAD PASSENGER CARS, NEW
35760	RAILROAD TRACK AND MOTOR TRUCK SCALES, INCLUDING PARTS AND ATTACHMENTS
33120	RAILS, CARBON STEEL A STEEL MILL PRODUCT
24318	RAILS, WOOD, FOR PORCH, STAIR, ETC.
35319	RAILWAY MAINTENANCE OF WAY EQUIPMENT
36213	RAILWAY MOTORS AND GENERATORS
36623	RAILWAY SIGNALS AND ATTACHMENTS, ELECTRIC
33233	RAILWAY SPECIALTIES, ALLOY STEEL CASTINGS, (FOUNDRY)
22992	RAMIE YARN, THREAD AND TEXTILES
23850	RAINCAPES, EXCEPT ALL RUBBER
23850	RAINCOATS, EXCEPT ALL RUBBER
30698	RAINWEAR, RUBBER
34233	RAKES, HANDTOOL
35226	RAKES, HAYING MACHINERY
34336	RANGE BOILERS
38312	RANGE FINDERS (FIRE CONTROL EQUIPMENT) MADE IN OPTICAL PLANTS
19410	RANGE FINDERS (FIRE CONTROL EQUIPMENT) NOT MADE IN OPTICAL PLANTS
36312	RANGES AND OVENS, HOUSEHOLD, AND EQUIPMENT, PARTS, EXCEPT ELECTRIC
36311	RANGES AND OVENS, HOUSEHOLD ELECTRIC AND PARTS
36312	RANGES, COAL, WOOD, GAS, OIL, HOUSEHOLD
35891	RANGES, COMMERCIAL
36311	RANGES, ELECTRIC, HOUSEHOLD, FREE STANDING AND BUILT-IN
36321	RANGE-REFRIGERATOR AND/OR SINK COMBINATIONS
28199	RARE EARTH COMPOUNDS
22561	RASCHEL-KNIT FABRICS, WARP KNIT AND FINISHED IN A KNIT FABRIC MILL
34233	RASPS
25190	RATTAN FURNITURE
24995	RATTAN WARE, EXCEPT FURNITURE
20324	RAVIOLI
22690	RAW STOCK (UNPROCESSED TEXTILE FIBER) BLEACHED OR DYED EXCEPT WOOL (FROM PURCHASED STOCK)
22211	RAYON AND/OR ACETATE MIXTURES WITH OTHER FIBERS - 100% FILAMENT (GRAY GOODS) EXCEPT BLANKLETING
22216	RAYON - COMBINATION OF FILAMENT-AND-SPUN RAYON AND/OR ACETATE FABRICS (GRAY GOODS) BROADWOVEN
28232	RAYON, SALABLE WASTE
28232	RAYON, STAPLE AND TOW, MANMADE FIBERS
22411	RAYON TEXTILE, NARROW WOVEN
22970	RAYON TEXTILE TOPS
22970	RAYON TEXTILES, NOILS
22690	RAYON TEXTILES, YARNS, BLEACHED, DYED, PRINTED AND OTHER FINISHES FROM PURCHASED TEXTILE
28232	RAYON YARN, VISCOSE, AND CUPRAMMONIUM PROCESS
34212	RAZOR AND BLADES, EXCEPT ELECTRIC
36342	RAZORS, ELECTRIC (EXCEPT PARTS AND ATTACHMENTS FOR SUCH ITEMS)
36794	REACTORS, COILS, TRANSFORMERS, CHOKES FOR ELECTRONIC APPLICATION
36123	REACTORS, CURRENT LIMITING
25312	READING TABLES FOR PUBLIC LIBRARY
24332	READY-CUT BUILDINGS AND PARTS, WOOD
32730	READY-MIXED CONCRETE
20262	READY-WHIPPED CREAM, PACKAGED
28199	REAGENT GRADE INORGANIC CHEMICALS, REFINED FROM PURCHASED TECHNICAL GRADE
28185	REAGENTS GRADE ORGANIC CHEMICALS REFINED FROM PURCHASED TECHNICAL GRADES
35331	REAMERS FOR ROTARY OILFIELD AND GASFIELD DRILLING EQUIPMENT
35451	REAMERS, SMALL CUTTING TOOLS
35418	REAMING MACHINES FOR METALWORKING USE
27891	REBINDING AND PREBINDING OF BOOKS FOR LIBRARY USE
36942	REBUILT AUTOMOTIVE TYPE GENERATORS AND ALTERNATORS
37143	REBUILT AUTO PARTS, EXCEPT CARBURETORS
35419	REBUILT METAL-CUTTING TYPE MACHINE TOOLS
35424	REBUILT METAL-FORMING MACHINE TOOLS
37423	REBUILT PASSENGER AND FREIGHT TRAIN CARS
35551	REBUILT PRINTING PRESSES
35540	REBUILT PULP AND PAPER INDUSTRY MACHINES
35720	REBUILT TYPEWRITERS, INCLUDING PARTS AND ATTACHMENTS
19292	RECEIPTS FOR AMMUNITION LOADING AND ASSEMBLY, FOR ARMS OVER 30 MM. (OR OVER 1.18 INCHES)
27892	RECEIPTS FOR BOOKBINDING WORK DONE ON MATERIAL PRINTED ELSEWHERE
22569	RECEIPTS FOR COMMISSION KNITTING AND/OR DYEING FABRIC PRODUCED IN A KNIT FABRIC MILL
23279	RECEIPTS FOR CONTRACT AND COMMISSION WORK, MEN'S AND BOYS' SEPARATE TROUSERS FOR DRESS OR SPORT
23219	RECEIPTS FOR CONTRACT AND COMMISSION WORK ON MEN'S, YOUTHS', AND BOYS' SHIRTS, COLLARS AND NIGHTWEAR
23119	RECEIPTS FOR CONTRACT AND COMMISSION WORK ON MEN'S, YOUTHS', AND BOYS' SUITS, COATS AND JACKETS
23399	RECEIPTS FOR CONTRACT AND COMMISSION WORK, WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR
23359	RECEIPTS FOR CONTRACT WORK, FOR WOMEN'S, MISSES', AND JUNIORS', DRESSES
23429	RECEIPTS FOR CONTRACT WORK ON CORSETS AND ALLIED GARMENTS
23639	RECEIPTS FOR CONTRACT WORK ON GIRLS', CHILDREN'S, AND INFANTS' COATS, SNOWSUITS AND LEGGING SETS
23699	RECEIPTS FOR CONTRACT WORK ON GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR
23619	RECEIPTS FOR CONTRACT WORK ON GIRLS AND CHILDREN'S DRESSES, BLOUSES, WAISTS, AND SKIRTS
23289	RECEIPTS FOR CONTRACT WORK ON MEN'S AND BOYS' WORK CLOTHING
23319	RECEIPTS FOR CONTRACT WORK ON WOMEN'S, MISSES', AND JUNIORS' BLOUSES, WAISTS AND SHIRTS
23379	RECEIPTS FOR CONTRACT WORK ON WOMEN'S, MISSES', AND JUNIORS', COATS, SUITS, SKIRTS, AND TAILORED JACKETS
37293	RECEIPTS FOR RESEARCH AND DEVELOPMENT ON AIRCRAFT PARTS
37226	RECEIPTS FOR RESEARCH AND DEVELOPMENT ON MISSILE OR SPACE VEHICLE ENGINES AND/OR PROPULSION UNITS
37227	RECEIPTS FOR SERVICES ON COMPLETE MISSILE OR SPACE VEHICLE ENGINE AND/OR PROPULSION UNITS
36621	RECEIVERS FOR COMMERCIAL INDUSTRIAL, MILITARY COMMUNICATION, EXCEPT BROADCAST EQUIPMENT
30310	RECLAIMED RUBBER
25121	RECLINING CHAIRS, UPHOLSTERED WOOD
24450	RECOOPERED USED BARRELS, KEGS, TUBS, ETC.
36520	RECORD BLANKS, PHONOGRAPH
25112	RECORD CABINETS, WOOD, PAINTED AND FINISHED
36514	RECORD PLAYERS AND PHONOGRAPHS
36795	RECORDER MECHANISMS ONLY
36514	RECORDERS, SOLD SEPARATELY
36113	RECORDING INSTRUMENTS, ELECTRIC EXCEPT CONTROL TYPE
36795	RECORDING MAGNETIC TAPE AND WIRE
36520	RECORDS, PHONOGRAPH
36292	RECTIFIERS, POWER MERCURY ARC
36743	RECTIFIERS, SOLID STATE, SEMICONDUCTOR
36292	RECTIFYING APPARATUS EXCEPT FOR ELECTRONIC APPLICATION
24290	RED CEDAR SHINGLES AND SHAKES, MADE IN SAWMILLS
20412	RED DOG, WHEAT MILLFEED
28163	RED LEAD, COLORED LEAD PIGMENTS
28992	RED OIL (OLEIC ACID), PRODUCED FOR SALE AS SUCH, FROM OWN OR PURCHASED MATERIALS
25190	REED FURNITURE
39491	REELS, FISHING
39314	REEDS FOR MUSICAL INSTRUMENTS
26552	REELS, PAPERBOARD
24995	REELS, WOODEN, FOR WIRE AND CABLE
39510	REFILL INK CARTRIDGES FOR BALLPOINT PENS
27312	REFERENCE BOOKS, SUBSCRIPTION, HARDBOUND
20620	REFINED CANE SUGAR AND BYPRODUCTS
20620	REFINERS' SIRUP, INCLUDING BLACKSTRAP, FILTERED BLACKSTRAP, CANE
32292	REFLECTORS, GLASS FOR LIGHTING FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	REFLECTORS, GLASS FOR LIGHTING, FROM PURCHASED GLASS
38311	REFLECTORSCOPES
32550	REFRACTORIES, CLAY, INSULATING AND CASTABLE
32970	REFRACTORIES - NONCLAY
20415	REFRIGERATED DOUGHS - INCLUDING PIZZA, COFFEE AND CAKE MADE FROM FLOUR MIXES MADE IN FLOUR MILLS
20455	REFRIGERATED DOUGH - MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT
35853	REFRIGERATION EQUIPMENT, COMMERCIAL
35857	REFRIGERATION FOR SODA FOUNTAINS, BEER DISPENSERS
34295	REFRIGERATOR AND STOVE HARDWARE
34611	REFRIGERATOR PARTS OF VITREOUS ENAMEL
35853	REFRIGERATORS, COMMERCIAL
36321	REFRIGERATORS, HOUSEHOLD
36321	REFRIGERATORS, MECHANICAL, INCLUDING FREEZER COMBINATIONS (HOUSEHOLD ONLY)
20942	REFUSE, ANIMAL - WET OR DRY
28212	REGENERATED CELLULOSIC PRODUCTS, EXCEPT RAYON
36942	REGULATORS FOR BATTERY CHARGING GENERATORS
34493	REINFORCING BARS FOR CONCRETE
36137	RELAYS, CONTROL CIRCUIT
36220	RELAYS, ELECTRIC POWER
36795	RELAYS FOR ELECTRONIC APPLICATION
34944	RELIEF VALVES FOR PLUMBING AND HEATING, EXCEPT PLUMBERS' BRASS GOODS
27314	RELIGIOUS BOOKS
39610	RELIGIOUS JEWELRY, EXCEPT PRECIOUS METAL
27217	RELIGIOUS MAGAZINE, ADVERTISING, SUBSCRIPTION AND SINGLE COPY SALES
20352	RELISH, PICKLE
36795	REMOTE CONTROLS, T.V.
28445	REMOVERS, NAIL LACQUER AND ENAMELS
28518	REMOVERS, PAINT AND VARNISH
37324	REPAIR, BOAT, ALL TYPES MILITARY AND NONMILITARY
37316	REPAIR OF NONMILITARY SHIPS
37314	REPAIR OF U.S. MILITARY SHIPS
28421	REPELLANTS AND INSECTICIDES, HOUSEHOLD
37141	REPLACEMENT PARTS AND ACCESSORIES FOR PASSENGER CARS, TRUCKS, BUSSES, AND TRAILERS
37216	RESEARCH AND DEVELOPMENT FOR COMPLETE AIRCRAFT
37293	RESEARCH AND DEVELOPMENT ON AIRCRAFT PARTS
37226	RESEARCH AND DEVELOPMENT ON COMPLETE MISSILE OR SPACE VEHICLE ENGINES AND/OR PROPULSION UNITS, RECEIPTS FOR
19254	RESEARCH AND DEVELOPMENT ON COMPLETE SPACE VEHICLES (EXCEPT PROPULSION)
19253	RESEARCH AND DEVELOPMENT ON GUIDED MISSILES, COMPLETE

Code	Product
37294	RESEARCH AND DEVELOPMENT ON MISSILE AND SPACE VEHICLE COMPONENTS (EXCEPT ENGINES AND PROPULSION UNITS)
37223	RESEARCH AND DEVELOPMENT WORK ON AIRCRAFT ENGINES
29115	RESIDUAL FUEL OIL
22952	RESIN-COATED FABRICS - LIGHTWEIGHT AND HEAVYWEIGHT - WOVEN, KNITTED AND NONWOVEN
28213	RESINS, CELLULOSICS - THERMOPLASTIC
28216	RESINS FOR PROTECTIVE COATINGS
28214	RESINS, THERMOPLASTIC, EXCEPT RESINS FOR PROTECTIVE COATINGS
28214	RESINS, THERMOSETTING, EXCEPT RESINS FOR PROTECTIVE COATINGS
36220	RESISTANCE WELDING CONTROLS
36233	RESISTANCE WELDERS, ELECTRODES, COMPONENTS, AND ACCESSORIES
36220	RESISTORS AND RHEOSTATS, EXCEPT FOR ELECTRONIC APPLICATION
36793	RESISTORS FOR ELECTRONIC APPLICATION
38421	RESPIRATORS
25990	RESTAURANT FURNITURE WOOD OR METAL
23371	REVERSIBLE COATS FOR WOMEN, MISSES', AND JUNIORS
19512	REVOLVERS, PISTOLS AND PARTS
22822	REWOUND YARNS, OTHER THAN WOOL (NOT SPUN OR THROWN AT SAME ESTABLISHMENT) INCLUDING PLIED, TWISTED, AND NOVELTY YARN
36220	RHEOSTATS AND RESISTORS, EXCEPT FOR ELECTRONIC APPLICATION
22213	RIBBED AND CORDED FABRICS, 100% SPUN YARN FABRICS RAYON AND/OR ACETATE GRAY GOODS
22213	RIBBED FABRICS, 100% SPUN RAYON AND/OR ACETATE (GRAY GOODS)
22216	RIBBED FABRICS, COMBINATION FILAMENT-AND-SPUN RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
22115	RIBBON CLOTH, TYPEWRITER FINE COTTON (GRAY GOODS)
23963	RIBBON, FUSED EDGE - INCLUDING GIFT TYINGS
39550	RIBBONS, INKED, TYPEWRITER, ADDING MACHINE, CASH REGISTER
22991	RIBBONS, NONWOVEN FOR GIFT TYINGS, INCLUDING LAMINATED AND NONLAMINATED
22411	RIBBONS, WOVEN
20440	RICE BRAN
20430	RICE BREAKFAST FOODS - READY TO SERVE
20440	RICE, BREWERS - MILLED BYPRODUCTS
20440	RICE, HEAD - MILLED BYPRODUCTS
20440	RICE MILL PRODUCTS
20440	RICE, MILLED, INCLUDING BYPRODUCTS
20440	RICE, SCREENINGS - MILLED BYPRODUCTS
20440	RICE, SECOND HEAD, MILLED BYPRODUCTS
19512	RIFLES AND PARTS, 30 MM. OR UNDER (1.18 INCHES OR UNDER)
19110	RIFLES, RECOILLESS, OVER 30 MM. (OR OVER 1.18 INCHES)
35334	RIGS, CABLE TOOL OR ROTARY, PORTABLE DRILLING OILFIELD AND GASFIELD OR WATER WELLS AND BLAST HOLES
24262	RIMS, VEHICLE, HARDWOOD DIMENSION STOCK, FOR INDUSTRY
39610	RINGS AND RING MOUNTINGS, EXCEPT PRECIOUS METALS
39111	RINGS AND RING MOUNTINGS OF PLATINUM AND CARAT GOLD
39112	RINGS AND RING MOUNTINGS OF PRECIOUS METALS, EXCEPT PLATINUM AND CARAT GOLD
35318	RIPPERS AND ROOTERS, CONSTRUCTION MACHINERY FOR MOUNTING ON TRACTORS
24262	RISER DIMENSION STOCK, HARDWOOD
24318	RISERS, WOOD, STAIR
35423	RIVETING MACHINES, EXCEPT HANDHELD PORTABLE TYPES FOR METAL-FORMING
34521	RIVETS
28421	ROACH PREPARATIONS
39932	ROAD MARKERS, ROUTE SIGNS AND METAL NONELECTRIC
29110	ROAD OIL
20951	ROASTED COFFEE - WHOLE BEAN OR GROUND
36343	ROASTERS AND OVENS, ELECTRIC, HOUSEHOLD APPLIANCE (EXCEPT PARTS AND ATTACHMENTS FOR SUCH ITEMS)
22543	ROBE SETS WITH NIGHTGOWN OR PAJAMAS, INCLUDING PEIGNOIR, KNIT FOR WOMEN, MISSES, AND JUNIORS, MADE FROM YARNS OR FABRIC KNIT AT THE SAME ESTABLISHMENT
23840	ROBES AND DRESSING GOWNS, MEN'S, BOYS', AND WOMEN'S, TUFTED, COTTON, MANMADE FABRICS AND ALL OTHER FABRICS
23699	ROBES, GIRLS' AND CHILDREN'S, - COMMISSION RECEIPTS
23690	ROBES, GIRLS', CHILDREN'S AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22110	ROBES, MOTOR, COTTON AND CHIEFLY COTTON MADE IN BROADWOVEN FABRIC MILL
25143	ROCKERS, METAL OUTDOOR
25121	ROCKERS, UPHOLSTERED WOOD
25115	ROCKERS, WOODEN, PAINTED OR FINISHED FOR BEDROOMS, EXCEPT UPHOLSTERED
25112	ROCKERS, WOODEN, PAINTED OR FINISHED, EXCEPT UPHOLSTERED
25117	ROCKERS, WOODEN, UNPAINTED
19990	ROCKET PROJECTORS AND PARTS
19251	ROCKETS (GUIDED MISSILES), SPACE AND MILITARY, COMPLETELY ASSEMBLED
19293	ROCKETS (OTHER THAN GUIDED MISSILES) AND PARTS
33560	ROD, BAR, AND MONEL NICKEL ROLLED, DRAWN, AND EXTRUDED, NONFERROUS METAL MILL
33525	ROD, BAR AND SHAPES, ALUMINUM EXTRUDED
33512	ROD, BAR AND SHAPES, COPPER, ALLOYED AND UNALLOYED, ROLLED, DRAWN, AND EXTRUDED
35333	ROD LIFTING MACHINERY AND EQUIPMENT FOR OILFIELDS AND GASFIELDS
28421	RODENTICIDES
25911	RODS AND FIXTURES FOR CURTAINS AND DRAPERIES
39491	RODS, FISHING
32316	RODS, GLASS, FROM PURCHASED GLASS
30793	RODS, LAMINATED, PLASTICS
30791	RODS, PLASTICS, UNSUPPORTED, PRODUCED FROM PURCHASED RESINS
28211	RODS, PLASTICS, UNSUPPORTED, PRODUCED FROM RESINS MADE IN THIS PLANT
20310	ROE, CANNED, EXCEPT FROZEN
33524	ROLLED ALUMINUM ROD, BAR, CONTINUOUS CAST, STRUCTURAL SHAPES
32114	ROLLED GLASS - FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
20430	ROLLED OATS, BREAKFAST FOOD, TO BE COOKED BEFORE SERVING
35629	ROLLER AND BALL BEARINGS - PARTS AND COMPONENTS ONLY
39493	ROLLER SKATES, SIDEWALK AND RINK
35629	ROLLERS AND BALLS, SOLD SEPARATELY
35224	ROLLERS, PULVERIZERS, FARM, INCLUDING ATTACHMENTS
35318	ROLLERS, SCRAPERS, GRADERS, OFF-HIGHWAY TRUCKS, TRAILERS, WAGONS FOR CONSTRUCTION WORK, EXCEPT PARTS
35481	ROLLING MILL MACHINERY AND EQUIPMENT, HOT OR COLD
23422	ROLL-ONS (GIRDLES)
20511	ROLLS, BREAD-TYPE--INCLUDING HAMBURGER AND WEINER ROLLS, ENGLISH MUFFINS, BROWN AND SERVE, ETC.
33233	ROLLS FOR ROLLING MILLS, ALLOY STEEL CASTINGS, (FOUNDRY)
33232	ROLLS FOR ROLLING MILLS, CARBON STEEL CASTINGS, (FOUNDRY)
33214	ROLLS FOR ROLLING MILLS, GRAY IRON
20512	ROLLS, SWEET YEAST
23690	ROMPERS, GIRLS' AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
32722	ROOF AND FLOOR UNITS, PRECAST CONCRETE
29522	ROOF CEMENT, SOLID ASPHALT
29522	ROOF COATINGS, FIBROUS AND NONFIBROUS
34441	ROOF DRAINAGE EQUIPMENT, METAL
26611	ROOF INSULATION BOARD
24332	ROOF TRUSSES, WOOD, FOR PREFABRICATED AND PRECUT BUILDINGS
34443	ROOF VENTILATORS, SHEET METAL
29523	ROOFING, ASPHALT, SHINGLES
32950	ROOFING GRANULES
34441	ROOFING SHEET METAL
32592	ROOFING TILE, CLAY
35852	ROOM AIR-CONDITIONERS
20860	ROOT BEER EXTRACT--SOFT DRINKS, BOTTLED AND CANNED, DIETETIC OR NONDIETETIC
22981	ROPE, ABACA - HARD FIBER
22981	ROPE, HARD FIBER
33151	ROPE OF WIRE, CABLE AND STRAND, NONINSULATED, FERROUS, FROM WIRE-DRAWN IN SAME ESTABLISHMENT
22982	ROPE, MANMADE SOFT FIBER
34291	ROPE SOCKETS, CLIPS AND CLAMPS, MARINE
34811	ROPE, WIRE, NONINSULATED, FERROUS, NOT MADE BY WIREDRAWERS
22811	ROPE YARNS, CARDED COTTON, GRAY OR FINISHED IN YARN SPINNING MILLS
39112	ROSARIES, CHAPLETS AND CROSSES (RELIGIOUS JEWELRY) EXCEPT MADE OF PLATINUM AND CARAT GOLD
39111	ROSARIES, CHAPLETS AND CROSSES (RELIGIOUS JEWELRY) MADE OF PLATINUM AND CARAT GOLD
28612	ROSIN, GUM NAVAL STORES
28612	ROSIN, TALL OIL
28611	ROSIN, WOOD
35421	ROTARY BENDING AND FORMING MACHINES, METALWORKING USE
35331	ROTARY DRILLING EQUIPMENT FOR OILFIELDS
35331	ROTARY OILFIELD AND GASFIELD EQUIPMENT, INCLUDING BLOCKS, CROWN AND TRAVELING, DRAW WORK, ROTARY TABLE AND SWIVELS
35334	ROTARY PORTABLE DRILLING RIG, FOR OILFIELD AND GASFIELD OR WATER WELL AND BLAST HOLES
35421	ROTARY SHEARING MACHINES, METALWORKING USE
28790	ROTENONE, PYRETHRUM, OR NICOTINE SULFATE INSECTICIDES FOR AGRICULTURE
36343	ROTISSERIES, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS FOR SUCH ITEMS)
27518	ROTOGRAVURE PLATES, MADE FOR OTHERS
28445	ROUGES, (EXCEPT LIP ROUGE)
24211	ROUGH LUMBER - SAWED IN A SAWMILL
31115	ROUGH RUSSET AND CRUST LEATHER, NOT FINISHED IN THIS ESTABLISHMENT
22992	ROVES, JUTE AND FLAX
22970	ROVING, COMBED COTTON
37323	ROWBOATS
30691	RUBBER BELTS AND BELTING TRANSMISSION
30698	RUBBER CLOTHING
30698	RUBBER COATED FABRICS
30698	RUBBER, COMPOUNDS OR MIXTURES FOR SALE OR INTERPLANT TRANSFER
30694	RUBBER FLOOR AND WALL COVERING
30210	RUBBER FOOTWEAR FOR LUMBERMEN AND PACS
32932	RUBBER GASKETS
30696	RUBBER HEELS AND SALES
30692	RUBBER HOSE AND TUBING
30695	RUBBER, MOLDED AND ADHERED TO METAL
30210	RUBBER OVERSHOES
30695	RUBBER PACKING
27530	RUBBER PLATES (DUPLICATE) FOR LETTERPRESS
28183	RUBBER PROCESSING CHEMICALS, ORGANIC
30310	RUBBER, RECLAIMED
30210	RUBBER SOLED CANVAS SHOES, INCLUDING BALS AND OXFORDS
39530	RUBBER STAMPS, STENCILS, ALL MARKING DEVICES
30698	RUBBER STATIONARY GOODS
28220	RUBBER, SYNTHETIC AND OTHER SYNTHETIC ELASTOMERS
30698	RUBBER THREAD, BARE
22415	RUBBER THREAD, FABRIC COVERED
30698	RUBBER TOYS
35594	RUBBER-WORKING MACHINERY AND EQUIPMENT, EXCEPT TIRE MOLDS
28346	RUBBING ALCOHOL
27821	RULING, PAPER (PEN AND DISCS), MATERIAL OWNED BY OTHERS
20851	RUM-ALCOHOLIC BEVERAGE, DISTILLED
37321	RUNABOUTS, BOATS, INBOARD POWERED
37322	RUNABOUTS, BOATS, OUTBOARD POWERED
29920	RUST PREVENTATIVES MADE FROM PURCHASED MATERIAL
29117	RUST PREVENTATIVES MADE IN REFINERIES
28423	RUG AND UPHOLSTERY CLEANER
35820	RUG CLEANING, DRYING, NAPPING MACHINES
22790	RUGS, EXCEPT WOVEN OR TUFTED
22910	RUG LININGS, FELT
22720	RUGS, TUFTED, INCLUDING FINISHING
22710	RUGS, WOVEN, CHIEFLY COTTON OR MANMADE FIBER PILE YARNS
22710	RUGS, WOVEN, CHIEFLY WOOL PILE YARNS
20416	RYE FLOUR
20830	RYE MALT
20416	RYE MILLFEED
20851	RYE, WHISKEY (RAW) DISTILLED
36911	S.L.I. TYPE STORAGE BATTERIES (STARTING, LIGHTING, IGNITIONS), EXCEPT PARTS
28445	SACHETS
26217	SACK, PAPER, COARSE, UNBLEACHED KRAFT
26433	SACKS, SHIPPING, PAPER
23690	SACQUES, GIRLS' AND INFANTS', WOVEN--SIZES 0 TO 3 MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22531	SACQUES, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
34295	SADDLERY AND HARNESS HARDWARE
31990	SADDLERY, LEATHER
34920	SAFE DEPOSIT BOXES
34920	SAFES AND VAULTS
22411	SAFETY BELT WEBBING
23990	SAFETY BELTS - SEAT OR SHOULDER HARNESSES (EXCEPT LEATHER)
36623	SAFETY CONTROL EQUIPMENT, ELECTRIC SIGNALS
38423	SAFETY DEVICES, PERSONAL, INDUSTRIAL
39642	SAFETY PINS
20932	SAFFLOWER OIL
34212	SAFETY RAZORS

Code	Product
36133	SAFETY SWITCHES, INCLUDING PULLOUT TYPE--250 VOLTS AND UNDER
37323	SAILBOATS
37313	SAILING VESSELS COMMERCIAL, NONMILITARY
23940	SAILS, CANVAS, MADE FROM PURCHASED FABRICS
28124	SAL SODA
20354	SALAD DRESSINGS
20331	SALAD FRUITS, CANNED
20961	SALAD OR COOKING OILS, REFINED, BLEACHED, DEODORIZED AND/OR WINTERIZED
20332	SALAD, VEGETABLE, CANNED
20117	SALAMI, NOT CANNED, MADE IN MEATPACKING PLANT
20137	SALAMI, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20999	SALADS, BULK OR PACKAGED, NOT FROZEN
27613	SALES AND MANIFOLD BOOKS, PRINTING OF
27211	SALES AND SUBSCRIPTION RECEIPTS FROM FARM PERIODICALS
27215	SALES AND SUBSCRIPTION RECEIPTS FROM GENERAL PERIODICALS (I.E., PERIODICALS OTHER THAN FARM, SPECIALIZED BUSINESS, OR PROFESSIONAL)
27213	SALES AND SUBSCRIPTION RECEIPTS FROM SPECIALIZED BUSINESS AND PROFESSIONAL PUBLISHING
27613	SALES BOOKS FOR BUSINESS, PRINTED INDIVIDUAL ORDERS, OR STOCK, EXCEPT IMPRINTING
27111	SALES OF DAILY AND SUNDAY NEWSPAPERS, RECEIPTS FROM
27113	SALES OF WEEKLY AND OTHER NEWSPAPERS, RECEIPTS FROM
27217	SALES, SUBSCRIPTION, ADVERTISING RECEIPTS FROM RELIGIOUS, SCHOOL, SUNDAY COMICS, AND SUPPLEMENTS
28183	SALICYLATE VANILLIN
20310	SALMON, SMOKED
20136	SALT PORK, DRY, NOT CANNED OR MADE IN MEATPACKING PLANT
20116	SALT PORK, DRY, NOT CANNED OR MADE INTO SAUSAGE, PROCESSED IN MEATPACKING PLANT
28991	SALT-SODIUM CHLORIDE
20310	SALTED FISH (INCLUDING SUN DRIED)
20716	SALTED NUTS, SOLD IN BULK
20521	SALTINES
30210	SANDALS, RUBBER
35482	SANDERS, DISC, POWER, HAND
32813	SANDSTONE, CUT, INCLUDING BUILDING STONE
20354	SANDWICH SPREAD, SALAD DRESSING BASE
20222	SANDWICH SPREADS, CHEESE
20999	SANDWICHES, BREAD--BULK OR PACKAGED
20521	SANDWICHES, CRACKER
20999	SANDWICHES, CRACKER, MADE FROM PURCHASED CRACKERS
38421	SANITARY BELTS AND PANTIES
26471	SANITARY NAPKINS AND TAMPONS
26472	SANITARY TISSUE HEALTH PRODUCTS
26210	SANITARY TISSUE STOCK
22212	SARAN AND OLEFIN, 100% FILAMENT FABRICS, GRAY GOODS
28242	SARAN FIBERS-MANMADE
20310	SARDINES, HERRING AND PILCHARD, CANNED, EXCEPT FROZEN
20860	SARSAPARILLA EXTRACT SOFT DRINKS BOTTLED AND CANNED, DIETETIC AND NONDIETETIC
34422	SASH AND FRAMES, METAL (EXCEPT STORM)
24311	SASH, WOOD, INCLUDED IN WINDOW UNITS
24312	SASH, WOOD, KNOCK DOWN, OPEN OR GLAZED, MADE IN A MILLWORK PLANT
24312	SASH, WOOD WINDOW, INCLUDING COMBINATION SCREEN AND STORM SASH, EXCEPT WINDOW SCREENS AND WINDOW UNITS, MILLWORK PLANT PRODUCT
22115	SATEENS, FINE COTTON GOODS BROADWOVEN (GRAY GOODS)
22112	SATEENS, SHEETING COTTON YARN (GRAY GOODS)
22211	SATINS, ACETATE, VISCOSE, AND CREPE, 100% FILAMENT RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
22212	SATINS, NYLON, 100% FILAMENT, GRAY GOODS
20336	SAUCE, TOMATO, INCLUDING CATSUP (KETCHUP)
20354	SAUCE, TARTAR
20353	SAUCES FOR MEAT, EXCEPT TOMATO
20352	SAUERKRAUT, BULK
20332	SAUERKRAUT, CANNED
20139	SAUSAGE CASINGS, NATURAL
20117	SAUSAGE, IMITATION, NOT CANNED, MADE IN MEATPACKING PLANT
20137	SAUSAGE, IMITATION, NOT CANNED, NOT MADE IN MEATPACKING PLANT
20117	SAUSAGE, NOT CANNED, MADE IN MEATPACKING PLANT
20137	SAUSAGE, NOT CANNED, NOT MADE IN MEATPACKING PLANT
34250	SAW BLADES, POWER
24219	SAWING OF LOGS, CONTRACT RECEIPTS
35531	SAWING MACHINES
35531	SAWMILL EQUIPMENT
35418	SAWS AND SAWING MACHINES, METAL-CUTTING TYPE, FOR HOME WORKSHOP
35531	SAWS, CHAIN
34250	SAWS, HAND, AND ACCESSORIES
35482	SAWS, POWER, HAND, EXCEPT CHAIN SAWS
35532	SAWS, WOODWORKING MACHINERY FOR HOME WORKSHOP
24995	SCAFFOLDING EQUIPMENT, WOODEN
35760	SCALES AND BALANCES, EXCEPT LABORATORY, INCLUDING PARTS AND ATTACHMENTS
35760	SCALES, HOUSEHOLD, INCLUDING PARTS AND ATTACHMENTS
35760	SCALES, INDUSTRIAL, (NOT LABORATORY) INCLUDING PARTS AND ATTACHMENTS
35760	SCALES, (NOT LABORATORY) RETAIL AND COMMERCIAL, COMPUTING AND NONCOMPUTING, INCLUDING PARTS AND ATTACHMENTS
23230	SCARFS, MEN'S, YOUTHS', AND BOYS', KNIT OR WOVEN
23690	SCARFS (NECKWEAR), GIRLS' AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23920	SCARFS, TABLE AND DRESSER, EXCEPT LACE, MADE FROM PURCHASED FABRIC
23393	SCARFS, WOMEN'S AND MISSES' (EXCEPT FUR)
22720	SCATTER RUGS, TUFTED
23970	SCHIFFLI-MACHINE EMBROIDERIES, INCLUDING YARD GOODS
27413	SCHOOL ANNUALS, PUBLISHING
31610	SCHOOL BAGS, LEATHER
25311	SCHOOL DESKS
25311	SCHOOL FURNITURE, EXCEPT STONE AND CONCRETE (EXCEPT LIBRARY FURNITURE, AND EXCEPT STADIUM AND BLEACHER SEATS)
39111	SCHOOL JEWELRY, FRATERNAL AND COLLEGE, ETC., MADE OF PLATINUM AND CARAT GOLD
39112	SCHOOL JEWELRY, FRATERNAL, COLLEGE, ETC., MADE OF PRECIOUS METAL EXCEPT PLATINUM AND CARAT GOLD
26216	SCHOOL PAPER, INCLUDING COLORED
34334	SCHOOLROOM HEATERS AND STOVES, SOLID FUEL
39410	SCIENTIFIC TOYS (MICROSCOPES, CHEMISTRY SETS, ETC.)
34233	SCOOPS
37510	SCOOTERS, BICYCLES, MOTORCYCLES, MOTORBIKES, AND PARTS
39430	SCOOTERS, CHILDREN'S
28415	SCOURING CLEANSERS WITH OR WITHOUT ABRASIVES, HOUSEHOLD
28416	SCOURING CLEANSERS WITH OR WITHOUT ABRASIVES, NONHOUSEHOLD
28412	SCOURING CLEANERS, WITH OR WITHOUT ABRASIVES, NONHOUSEHOLD BULK
32914	SCOURING PADS
22970	SCOURING, WOOL
37311	SCOWS, NONPROPELLED, NEW
37313	SCOWS, SELF-PROPELLED, CIVILIAN, NEW
27821	SCRAP BOOKS, BLANKBOOK MAKING, MATERIAL OWNED BY OTHERS
20942	SCRAPMEAT, FOR FEED OR FERTILIZER
34233	SCRAPERS, HANDTOOL
35318	SCRAPERS, GRADERS, ROLLERS, OFF-HIGHWAY TRUCKS, TRAILERS, WAGONS FOR CONSTRUCTION WORK, EXCEPT PARTS
20117	SCRAPPLE, NOT CANNED, MADE IN MEATPACKING PLANT
20137	SCRAPPLE, NOT CANNED, NOT MADE IN MEATPACKING PLANT
38112	SCIENTIFIC INSTRUMENTS
27313	SCIENTIFIC, TECHNICAL, AND PROFESSIONAL BOOKS
34211	SCISSORS
34294	SCREEN AND STORM DOOR HARDWARE, INCLUDING PNEUMATIC CLOSERS
34425	SCREEN DOORS, METAL
24315	SCREEN DOORS, WOOD, INCLUDING COMBINATION SCREEN AND STORM
28930	SCREEN PRINTING INKS
27519	SCREEN PROCESS PRINTING, EXCEPT TEXTILES
33157	SCREEN WIRE, STEEL (INSECT), MADE IN WIREDRAWING PLANT
35322	SCREENING, CRUSHING, AND PULVERIZING PLANTS, STATIONARY, FOR MINING
22212	SCREENING, FIBER GLASS FABRICS, 100% FILAMENT, GRAY GOODS
34814	SCREENING, INSECT WIRE, FERROUS, NOT MADE BY WIREDRAWERS
34815	SCREENING, INSECT WIRE, NONFERROUS (COPPER OR ALUMINUM) NOT MADE BY WIREDRAWERS
35319	SCREENING PLANTS, PORTABLE
33575	SCREENING, WIRE, INSECT, NONFERROUS MADE IN WIREDRAWING PLANT
25117	SCREENS, FOLDING, WOOD, UNPAINTED
38613	SCREENS, MOTION PICTURE
25112	SCREENS, ORNAMENTAL, WOOD, PAINTED OR FINISHED
24318	SCREENS, WINDOW, WOOD FRAMED
35418	SCREW AND NUT SLOTTING MACHINES FOR METALWORKING USE
34231	SCREW DRIVERS
34521	SCREWS, MACHINE AND TAPPING, CAP DRIVE, SET, SHEET METAL AND WOOD
34510	SCREW MACHINE PRODUCTS
34232	SCYTHES
20310	SEAFOOD, CANNED, EXCEPT FROZEN
20310	SEAFOOD, CURED
20362	SEAFOOD, FRESH PACKAGED
20361	SEAFOOD, PACKAGED FROZEN (COOKED)
36410	SEALED BEAM BULBS
28518	SEALERS FOR WOOD
27526	SEALS, ALL TYPES PRINTED BY LITHOGRAPHIC PROCESS
27518	SEALS, GRAVURE PRINTED
27516	SEALS, LETTERPRESS PRINTED, INCLUDING CHRISTMAS, BIRTHDAY, VALENTINE, AND EASTER
26495	SEALS, PAPER
22513	SEAMLESS-FINISHED STOCKINGS FOR WOMEN AND MISSES, FULL- OR KNEE-LENGTH, STRETCH OR NONSTRETCH, MADE OF NYLON, COTTON, MIXTURES AND ALL OTHER YARNS
22515	SEAMLESS STOCKINGS FOR WOMEN AND MISSES, ALL FIBERS, SHIPPED IN THE GREIGE
36625	SEARCH AND DETECTION APPARATUS, ELECTRONIC, INCLUDING RADAR, SONAR, INFRARED
38311	SEARCHLIGHT MIRRORS AND REFLECTORS MADE IN OPTICAL PLANTS
36425	SEARCHLIGHTS, ELECTRIC
20999	SEASONINGS, MEAT
22116	SEAT COVER CLOTH, AUTO (GRAY GOODS)
23990	SEAT COVERS FOR AUTOMOBILES, FIBER WOVEN SARAN AND PLASTIC, CLEAR PLASTIC FROM PURCHASED FABRIC
23990	SEAT OR SAFETY BELTS, INCLUDING SHOULDER HARNESSES (EXCEPT LEATHER)
25144	SEATS, BABY, METAL
25312	SEATS, CHURCH
25312	SEATS FOR PUBLIC CONVEYANCES, AUTOMOBILE, AIRCRAFT, SCHOOL BUSES, ETC
25116	SEATS, NURSERY, WOODEN, PAINTED OR FINISHED
25312	SEATS, THEATRE, AUDITORIUM, STADIUM, BLEACHER SEATS
24995	SEATS, TOILET, WOODEN
28183	SEBACIC ACID
25112	SECRETARIES (DESKS), WOODEN, PAINTED OR FINISHED
25121	SECTIONAL SOFA PIECES, UPHOLSTERED WOOD, HOUSEHOLD
27514	SECURITY CERTIFICATES, FINANCIAL AND LEGAL LETTERPRESS, PRINTED
27518	SECURITY CERTIFICATES PRINTED BY GRAVURE
27524	SECURITY CERTIFICATES PRINTED BY LITHOGRAPHIC
34920	SECURITY EQUIPMENT FOR DRIVE-IN WINDOWS FOR BANKS
28342	SEDATIVES AND HYPNOTICS (PRODUCTS PRIMARILY USED FOR SEDATION)
28342	SEDATIVES, TRANQUILIZERS, AND HYPNOTICS, PHARMACEUTICAL, FOR HUMAN USE
28790	SEED TREATMENT COMPOUNDS (INSECTICIDES, FUNGICIDES, AND INOCULANTS)
35223	SEEDING, PLANTING, AND FERTILIZING MACHINERY
22115	SEERSUCKERS, COMBED AND FINE CARDED, FINE COTTON, (GRAY GOODS)
22114	SEERSUCKERS, EXCEPT COMBED AND FINE CARDED (GRAY GOODS)
22983	SEINE TWINE (INCLUDING CABLES AND HAWSERS), COTTON FIBER
22983	SEINES, COTTON FIBER
22982	SEINES, (EXCEPT COTTON AND LINEN) FROM MANMADE OR SPECIFIED OTHER SOFT FIBER
22992	SEINES, LINEN
38112	SEISMOGRAPHS
37312	SELF-PROPELLED SHIPS, U.S. MILITARY, NEW
19310	SELF-PROPELLED WEAPONS AND PARTS
20411	SELF-RISING FLOUR AND FLOUR MIXES MADE IN FLOUR MILLS
26313	SEMICHEMICAL PAPERBOARD, SOLID WOODPULP FURNISH
36749	SEMICONDUCTOR DEVICES, LIGHT SENSITIVE
36743	SEMICONDUCTOR DIODES, SOLID STATE, INCLUDING RECTIFIERS
36749	SEMICONDUCTOR PARTS (CHIPS, HEADERS, CANS, ETC)
33122	SEMIFINISHED STEEL SHAPES AND FORMS, CARBON, ALLOY, AND STAINLESS STEEL
37150	SEMITRAILERS FOR TRUCK TRACTORS
20411	SEMOLINA
38617	SENSITIZED PHOTOPAPER AND CLOTH, EXCEPT SILVER HALIDE TYPE
38616	SENSITIZED PHOTOGRAPH PAPER AND CLOTH, SILVER HALIDE TYPE
24995	SEPARATORS, BATTERY, WOODEN
34437	SEPTIC TANKS, METAL
32722	SEPTIC TANKS, PRECAST CONCRETE
22213	SERGES, 100% SPUN RAYON AND/OR ACETATE (GRAY GOODS)
22211	SERGES, ACETATE AND VISCOSE, 100% FILAMENT RAYON AND/OR ACETATE FABRICS (GRAY GOODS)

Code	Product
28313	SERUMS, ANTIBACTERIAL AND NORMAL FOR HUMAN USE
28315	SERUMS FOR VETERINARY USE
25113	SERVERS, DINING ROOM, WOOD, PAINTED OR FINISHED
23282	SERVICE APPAREL, WASHABLE, MEN'S AND BOYS'
23289	SERVICE APPAREL, WASHABLE, MEN'S AND BOYS' (COMMISSION RECEIPTS)
23392	SERVICE APPAREL, WASHABLE, WOMEN'S, MISSES', AND JUNIORS', INCLUDING NURSES' AND MAIDS'
37227	SERVICES ON COMPLETE MISSILE OR SPACE VEHICLE ENGINES AND/OR PROPULSION UNITS, EXCEPT RESEARCH AND DEVELOPMENT
25990	SERVING TABLES, RESTAURANT
36215	SERVOS, ELECTRICAL (EXCEPT PARTS AND SUPPLIES FOR SUCH ITEMS)
25112	SETTEES, EXCEPT UPHOLSTERED, WOOD, PAINTED OR FINISHED
25221	SETTEES, METAL, OFFICE, INCLUDING UPHOLSTERED
25143	SETTEES, METAL OUTDOOR
25121	SETTEES, UPHOLSTERED WOOD
25210	SETTEES, WOOD, OFFICE, INCLUDING UPHOLSTERED
26520	SETUP PAPERBOARD BOXES
35892	SEWAGE PURIFICATION EQUIPMENT
26461	SEWER AND DRAINAGE PIPE, PRESSED AND MOLDED PULP GOODS
35690	SEWER CLEANING MACHINERY
32591	SEWER PIPE, CLAY
32721	SEWER PIPE, CONCRETE
25112	SEWING CABINETS, WOOD, FINISHED AND PAINTED
25112	SEWING MACHINE CABINETS, WOODEN, PAINTED OR FINISHED
36360	SEWING MACHINES AND PARTS, EXCEPT CASES AND CABINETS SOLD SEPARATELY
36360	SEWING MACHINES, INDUSTRIAL EXCEPT SHOE SOLE STITCHING MACHINE
22813	SEWING THREAD, SPUN, RAYON AND/OR ACETATE YARNS, GRAY OR FINISHED IN YARN SPINNING MILLS
22811	SEWING-THREAD YARNS, CARDED COTTON, GRAY OR FINISHED IN SPINNING MILL
22812	SEWING-THREAD YARNS, COMBED COTTON GRAY OR FINISHED IN YARN SPINNING MILLS
28341	SEX HORMONES, PHARMACEUTICAL FOR HUMAN USE
22951	SHADE CLOTH, PYROXYLIN COATED
22113	SHADE CLOTH, WINDOW (COTTON PRINT), NOT PYROXYLIN COATED (GRAY GOODS)
25912	SHADES AND BLINDS, INCLUDING WOOD, METAL, PLASTIC, CHIP, BAMBOO, RATTAN, AND REED
25911	SHADES FOR WINDOWS AND ACCESSORIES
32292	SHADES, GLASS FOR LIGHTING, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	SHADES, GLASS FOR LIGHTING FROM PURCHASED GLASS
39995	SHADES, LAMP
24290	SHAKES, WOOD, INCLUDING RED CEDAR SAWMILL PRODUCT
28443	SHAMPOOS, HAIR
31310	SHANKS FOR SHOES
22216	SHANTUNGS, COMBINATION FILAMENT, SPUN RAYON AND/OR ACETATE (GRAY GOODS)
36342	SHAVERS, DRY AND ELECTRIC RAZORS (EXCEPT PARTS AND ATTACHMENTS FOR SUCH ITEMS)
28441	SHAVING PREPARATIONS, BRUSHLESS, LATHER, LOTIONS, AND STYPTICS
28441	SHAVING SOAP, LATHER, STICK, POWDER, OR CAKE
23690	SHAWLS, BABYS', WOVEN MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22531	SHAWLS, INFANTS', MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
23890	SHAWLS, PRAYER
35421	SHEARING AND PUNCHING MACHINES, METALWORKING USE
34211	SHEARS
34211	SHEARS, HEDGE, GRASS, BARBER, PINKING, AND TAILORING
35228	SHEARS, HEDGE TRIMMERS, POWER
35663	SHEAVES, SINGLE OR MULTIPLE DRIVE MECHANICAL POWER-TRANSMISSION EQUIPMENT, EXCEPT AUTOMOBILE, AIRCRAFT, AND MARINE
31113	SHEEP LEATHER, FINISHED
23860	SHEEP LINED CLOTHING
22212	SHEERS, NYLON, 100% FILAMENT, GRAY GOODS
33127	SHEET AND STRIP STEEL, COLD ROLLED PRODUCED IN STEEL MILLS
32313	SHEET GLASS, LAMINATED (WINDOW) FROM PURCHASED GLASS
32113	SHEET GLASS, LAMINATED (WINDOW) MADE FROM GLASS PRODUCED IN SAME ESTABLISHMENT
34441	SHEET METAL ROOFING AND SIDING AND ROOF DRAINAGE EQUIPMENT
32990	SHEET MICA
27316	SHEET MUSIC IN BOOK FORM
27413	SHEET MUSIC, PUBLISHING
33512	SHEET, STRIP AND PLATE, COPPER, ALLOYED AND UNALLOYED, ROLLED, DRAWN, AND EXTRUDED
32111	SHEET WINDOW GLASS
30791	SHEETING AND SHEET PLASTICS, UNSUPPORTED, MADE FROM PURCHASED RESINS
28211	SHEETING AND SHEET PLASTICS UNSUPPORTED, PRODUCED FROM RESINS MADE IN THIS PLANT
22112	SHEETING, BED, CARDED PERCALE, 42-INCHES AND WIDER, COTTON GRAY GOODS
30698	SHEETING, HOSPITAL AND CRIB
22112	SHEETINGS, BED, MUSLIN, 42-INCHES AND WIDER, COTTON (GRAY GOODS)
22115	SHEETINGS, FINE COTTON COMBED (GRAY GOODS)
33167	SHEETS AND STRIPS, STEEL, COLD ROLLED, NOT MADE IN STEEL MILL
24994	SHEETS, CORK
23928	SHEETS, COTTON MADE FROM PURCHASED FABRIC
22118	SHEETS, COTTON, MADE IN BROADWOVEN FABRIC MILLS
30793	SHEETS, LAMINATED, PLASTICS
22219	SHEETS OF MANMADE FIBER FABRICS: MADE IN BROADWOVEN FABRIC MILL
26495	SHELF PAPER, PRINTED AND UNPRINTED
28516	SHELLAC AND SPIRIT VARNISHES, INDUSTRIAL
28519	SHELLAC, BLEACHED (NOT VARNISH)
28513	SHELLAC VARNISH
20362	SHELLFISH, FRESH PACKAGED
20361	SHELLFISH, PACKAGED FROZEN
19291	SHELLS, ARTILLERY, OVER 30 MM. (OR OVER 1.18 INCHES)
19610	SHELLS, PAPER, 30 MM. (OR 1.18 INCHES) AND UNDER, EMPTY, BLANK, AND LOADED
19610	SHELLS, SMALL FIREARMS, 30 MM. (1.18 INCHES) AND UNDER, EMPTY, BLANK, AND LOADED
24332	SHELTERS, WOOD, PREFABRICATED, SOLD AS COMPLETE UNITS, INCLUDING THOSE SHIPPED IN SECTIONS OR PANELS
25117	SHELVES, HANGING, WOOD, UNPAINTED
25112	SHELVES, HANGING, WOODEN, PAINTED OR FINISHED
33159	SHELVES, WIRE, FERROUS, MADE IN WIREDRAWING PLANT
34819	SHELVES, WIRE, FERROUS, NOT MADE BY WIREDRAWERS
25420	SHELVING, METAL
25410	SHELVING, WOOD, OFFICE AND STORE
20240	SHERBET
20234	SHERBET MIX, UNFROZEN, MADE IN CONDENSED OR EVAPORATED MILK PLANTS
36231	SHIELDS, ARC WELDING
23850	SHIELDS, WATERPROOF, EXCEPT ALL RUBBER
32924	SHINGLES AND CLAPBOARD, ASBESTOS--CEMENT
29523	SHINGLES, ASPHALT AND TAR ROOFING
24290	SHINGLES, WOOD, INCLUDING RED CEDAR, A SAWMILL PRODUCT
34291	SHIP JOINERS' HARDWARE
37316	SHIP REPAIR, NONMILITARY
37314	SHIP REPAIR, U.S. MILITARY
33579	SHIPBOARD CABLE, NONFERROUS PRODUCED IN WIREDRAWING ESTABLISHMENT
24212	SHIPLAPPED LUMBER, DRESSED, MADE IN A SAWMILL OR PLANING MILL
30794	SHIPPING AND PACKAGING CONTAINERS, PLASTICS
26433	SHIPPING SACKS OR BAGS, PAPER, SINGLE, DOUBLE, OR MULTIWALL
26218	SHIPPING SACK, INCLUDING COMBINATION KRAFT AND ROPE, BLEACHED AND SEMIBLEACHED
26217	SHIPPING SACKS, UNBLEACHED KRAFT
37311	SHIPS AND BARGES, NONPROPELLED, NEW
37313	SHIPS, PASSENGER, SELF-PROPELLED NONMILITARY
37312	SHIPS, SELF-PROPELLED, U.S. MILITARY, NEW
22562	SHIRT FABRIC FOR OUTERWEAR, CIRCULAR KNIT AND FINISHED IN KNIT FABRIC MILL
22213	SHIRTINGS, 100% SPUN RAYON AND/OR ACETATE (GRAY GOODS)
22114	SHIRTING COVERTS, COTTON (GRAY GOODS)
22114	SHIRTING FABRICS, MADE OF COTTON CARDED YARN (GRAY GOODS)
22115	SHIRTINGS, FINE COTTON (GRAY GOODS)
23214	SHIRTS, DRESS, WOVEN, INCLUDING UNIFORM, MEN'S, YOUTHS', AND BOYS', MADE FROM PURCHASED FABRIC
23317	SHIRTS (EXCEPT KNIT OUTERWEAR SPORT SHIRTS), WOMEN'S, MISSES', AND JUNIORS', MADE FROM PURCHASED FABRIC
23610	SHIRTS, (EXCEPT KNIT SPORT SHIRTS), GIRLS', CHILDREN'S, AND INFANTS', SIZES 1 TO 16
23219	SHIRTS (EXCEPT WORK), MEN'S, YOUTHS' AND BOYS' (CONTRACT AND COMMISSION RECEIPTS)
23619	SHIRTS, GIRLS', CHILDREN'S, AND INFANTS' (CONTRACT RECEIPTS)
23699	SHIRTS, KNIT, GIRLS' AND CHILDREN'S, COMMISSION RECEIPTS
23612	SHIRTS, KNIT SPORT, GIRLS' AND CHILDREN'S MADE FROM PURCHASED FABRIC
22532	SHIRTS, SPORT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23212	SHIRTS, SPORT, MEN'S, YOUTHS', AND BOYS', MADE FROM PURCHASED KNIT FABRICS
23312	SHIRTS, SPORT, KNIT OUTERWEAR, WOMEN'S, MISSES', AND JUNIORS', MADE FROM PURCHASED KNIT FABRIC (INCLUDING POLO, TENNIS, T, SWEAT, ETC.)
23214	SHIRTS, SPORT, WOVEN, MEN'S, YOUTHS, AND BOYS', MADE FROM PURCHASED FABRIC
23281	SHIRTS, WORK, MEN'S, YOUTHS', AND BOYS'
23289	SHIRTS, WORK, MEN'S, YOUTHS', AND BOYS' (CONTRACT AND COMMISSION RECEIPTS)
23319	SHIRTS, WOMEN'S, MISSES', AND JUNIORS' (COMMISSION AND CONTRACT RECEIPTS)
37141	SHOCK ABSORBERS, VEHICLE
31310	SHOE AND BOOT CUT STOCK AND FINDINGS
22414	SHOE AND BOOT LACES, NOT LEATHER BRADED
30698	SHOE AND SLIPPER FABRIC, RUBBER COATED
23920	SHOE BAGS
26318	SHOE BOARD, WET MACHINE BOARD
24994	SHOE FITTINGS, CORK
24995	SHOE FORMS, WOODEN
24995	SHOE, LASTS, WOOD
22561	SHOE NETTING, WARP KNIT AND FINISHED IN A KNIT FABRIC MILL
28424	SHOE POLISHES AND CLEANERS, LIQUID, PASTE AND CAKE
24995	SHOE STRETCHERS, WOODEN
24995	SHOE TREES, WOODEN
35595	SHOEMAKING AND REPAIRING MACHINERY AND EQUIPMENT
31310	SHOES AND BOOTS, OUTER AND INNER SOLES, HEELS, LIFTS, COUNTERS, AND PLATFORMS, CUT STOCK AND FINDINGS
39493	SHOES, ATHLETIC
31417	SHOES FOR SPORTS
31416	SHOES, INFANTS' AND BABIES'
31412	SHOES, MEN'S, WORK
31411	SHOES, MEN'S, DRESS AND PLAY SHOES
31415	SHOES, MISSES' AND CHILDREN'S
30798	SHOES, PLASTIC
31414	SHOES, WOMEN'S WORK, DRESS, PLAY
31413	SHOES, YOUTHS' AND BOYS'
24412	SHOOK, BOX: FRUIT, VEGETABLE, ETC., MADE FROM LUMBER, VENEER, AND PLYWOOD
26431	SHOPPING BAGS, PAPER
27526	SHOPPING NEWS, PRINTED BY LITHOGRAPHIC PROCESS
27413	SHOPPING NEWS, PUBLISHING
20961	SHORTENING, LIQUID
20961	SHORTENING OILS, VEGETABLE, MIXED ANIMAL AND VEGETABLE
35791	SHORTHAND MACHINES
23292	SHORTS, ATHLETIC, MEN'S, YOUTHS', AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22541	SHORTS (KNIT UNDERWEAR), MEN'S AND BOYS' MADE FROM YARNS OR FABRICS KNIT IN SAME ESTABLISHMENT
23393	SHORTS, PLAY, WOMEN'S AND MISSES'
23271	SHORTS, SEPARATE DRESS, MEN'S AND BOYS'
23221	SHORTS, UNDERWEAR, MEN'S AND BOYS', MADE OF WOVEN OR PURCHASED KNIT FABRIC
20412	SHORTS, WHEAT
19610	SHOT, LEAD FOR SMALL FIREARMS, 30 MM. (1.18 INCHES) AND UNDER
19610	SHOTGUN SHELLS, FOR SMALL FIREARMS 30 MM. (1.18 INCHES) AND UNDER
19512	SHOTGUNS AND PARTS
23961	SHOULDER PADS, SUITS AND COATS FOR SALE AS SUCH
23413	SHOULDERETTES, WOMEN'S AND CHILDREN'S NIGHTWEAR, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
34233	SHOVELS
35314	SHOVELS, POWER
25420	SHOW CASE, METAL, OFFICE AND STORE, NONREFRIGERATED
35853	SHOW CASES, OFFICE AND STORE, REFRIGERATED
25410	SHOW CASES, WOOD, OFFICE AND STORE, NONREFRIGERATED
23850	SHOWER CAPS, EXCEPT ALL RUBBER
23920	SHOWER CURTAINS, MADE FROM PURCHASED FABRIC, AND PLASTIC
34421	SHOWER DOORS AND TUB ENCLOSURES, METAL
34320	SHOWER FITTINGS, BRASS GOODS
32722	SHOWER RECEPTORS, PRECAST CONCRETE
30210	SHOWER SANDALS OR SLIPPERS, RUBBER
31417	SHOWER SHOES, EXCEPT RUBBER
34310	SHOWER STALLS AND RECEPTORS, ENAMELED IRON AND STEEL
32592	SHOWER STALLS, EARTHENWARE

Code	Product
32610	SHOWER STALLS, INCLUDING RECEPTORS, VITREOUS CHINA AND GLAZED EARTHENWARE
26495	SHREDDED PAPER FOR PACKING
20310	SHRIMP, CANNED, EXCEPT FROZEN
20361	SHRIMP, FRESH PACKAGED, FROZEN
34443	SHUTTERS, SOFFITS, FASCIA, ALUMINUM SHEET
24318	SHUTTERS, WOOD, EXTERIOR MILLWORK
35227	SICKLE-BAR LAWNMOWERS
34232	SICKLES
35318	SIDE BOOMS AND PIPE HANDLERS, CONSTRUCTION MACHINERY FOR MOUNTING ON TRACTORS
37510	SIDE CARS FOR MOTORCYCLES
35340	SIDEWALK ELEVATORS
29523	SIDING, ASPHALT
24212	SIDING LUMBER, DRESSED MADE IN A SAWMILL OR PLANING MILL
34441	SIDING, METAL, FOR BUILDING
38312	SIGHTING AND FIRE-CONTROL EQUIPMENT MADE FROM LENSES, PRISMS, ETC., PRODUCED IN THIS PLANT
19410	SIGHTING AND FIRE CONTROL EQUIPMENT MADE FROM PURCHASED LENSES
38312	SIGHTS, TELESCOPIC, MADE IN OPTICAL PLANTS
39932	SIGN LETTERS
36112	SIGNAL GENERATORS, ELECTRICAL
33579	SIGNAL WIRE AND CABLE
36121	SIGNALING TRANSFORMERS
36623	SIGNALS, STREET TRAFFIC AND RAILWAY, ELECTRIC
24995	SIGNBOARDS, WOOD
39931	SIGNS, LUMINOUS TUBING AND BULB (ELECTRIC)
39932	SIGNS, METAL, NONELECTRIC
39932	SIGNS, NONELECTRIC AND ADVERTISING DISPLAYS
28199	SILICA GEL
32950	SILICA, GROUND OR TREATED
28197	SILICATES, POTASSIUM AND SODIUM COMPOUNDS
32911	SILICON CARBIDE, ABRASIVE SIZED GRAINS, POWDER AND FLOUR
32912	SILICON OXIDE, ABRASIVE, BONDED
28214	SILICONE RESIN
22217	SILK FABRICS, 100% SPUN YARN, INCLUDING SILK MIXTURES
22628	SILK FABRICS, BROADWOVEN, FINISHING OF, FROM PURCHASED MATERIAL
22218	SILK FABRICS, FINISHED, MADE IN BROADWOVEN FABRIC MILLS
22414	SILK FABRICS, NARROW, BRAIDED
22411	SILK FABRICS, NARROWWOVEN
22218	SILK FINISHED GOODS, MADE IN BROADWOVEN FABRIC MILLS
22628	SILK GOODS, FINISHING OF FROM BROADWOVEN PURCHASED MATERIAL
22217	SILK MIXTURES, 100% SPUN YARN FABRICS
22814	SILK YARNS, SPUN, GRAY OR FINISHED IN YARN SPINNING MILLS
32722	SILO STAVES, PRECAST CONCRETE
28424	SILVER CLEANERS AND POLISHERS
38616	SILVER HALIDE TYPE SENSITIZED PHOTOGRAPH PAPER AND CLOTH
39141	SILVER HOLLOW WARE INCLUDING ECCLESIASTICAL WARE, NOVELTIES, TROPHIES, AND BABY GOODS
33395	SILVER, PRIMARY SMELTING, ALLOYED AND UNALLOYED
33415	SILVER, SECONDARY SMELTING AND REFINING, ALLOY AND UNALLOY
39141	SILVERWARE, PLATED WARE AND STAINLESS STEELWARE
33121	SILVERY IRON, MADE IN BLAST FURNACES
33134	SILVERY IRON, NOT MADE IN BLAST FURNACE
35453	SINE BARS AND V-BLOCKS, TOOLROOM
32723	SINGLE TREES, DOUBLE TREES AND CHANNELS PRESTRESSED CONCRETE PRODUCTS
32610	SINK AND LAUNDRY TRAY COMBINATIONS, VITREOUS CHINA, AND GLAZED EARTHENWARE
34320	SINK FITTINGS, BRASS GOODS
25410	SINK TOPS, LAMINATED WOOD
34310	SINKS, KITCHEN
32610	SINKS, VITREOUS CHINA, AND GLAZED EARTHENWARE
33121	SINTER AND FUEL DUST FROM ORE, BLAST FURNACE
20860	SIRUP FOR SOFT DRINK BLENDING MACHINE PREMIX OR PART MIX
20630	SIRUP, MADE FROM BEET SUGAR
20999	SIRUP, MAPLE, PURE
20610	SIRUP, SUGAR CANE (FROM WHICH NO SUGAR HAS BEEN REMOVED)
20620	SIRUP, SUGAR, MADE FROM REFINED SUGAR CANE
20874	SIRUPS, CARAMEL
20728	SIRUPS, CHOCOLATE (MADE FROM COCOA BEANS OR NIBS GROUND IN THIS ESTABLISHMENT) LIQUID OR POWDER BASE
20998	SIRUPS, CHOCOLATE (MADE FROM PURCHASED CHOCOLATE OR COCOA) LIQUID OR POWDER BASE
20460	SIRUPS, CORN, INCLUDING SOLIDS
20874	SIRUPS, FLAVORING, FOR FOUNTAIN, ICE CREAM, HOME BEVERAGE USE, ALL FLAVORS, EXCEPT CHOCOLATE SIRUPS
20873	SIRUPS, FLAVORING, FOR USE BY SOFT DRINK BOTTLERS
20993	SIRUPS, SWEETENING
22930	SISAL-PADS
24262	SKI DIMENSION STOCK, HARDWOOD
23282	SKI JACKETS FOR MEN AND BOYS
35351	SKI LIFTS
23292	SKI PANTS, MEN'S AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22562	SKI SUIT FABRICS, CIRCULAR KNIT AND FINISHED IN A KNITTING MILL
23393	SKI SUITS, WOMEN'S AND MISSES'
24992	SKIDS, WOODEN OR WOOD AND METAL COMBINATION
37323	SKIFFS
20231	SKIM MILK, DRY
20261	SKIM MILK, FLUID BULK
20262	SKIM MILK, PACKAGED
39493	SKIN DIVING EQUIPMENT, EXCEPT CLOTHING, WATCHES AND CAMERAS
20119	SKINS
23374	SKIRTS AND JACKETS, WOMEN'S AND MISSES', SEPARATE, AND INCLUDING UNIFORM
23379	SKIRTS, EXCEPT KNIT, WOMEN'S, MISSES', AND JUNIORS' (CONTRACT AND COMMISSION RECEIPTS)
23690	SKIRTS, GIRLS', CHILDREN'S, AND INFANTS' MADE FROM WOVEN OR PURCHASED KNIT FABRIC
39493	SKIS, WATER OR SNOW AND EQUIPMENT
34443	SKYLIGHTS, SHEET METAL
32723	SLABS, TILE AND PANELS, PRESTRESSED CONCRETE PRODUCTS
22523	SLACK AND KNEE LENGTH SOCKS FOR BOYS, FINISHED AND SEAMLESS, MADE OF COTTON, ALL OTHER YARNS AND MIXTURES
22522	SLACK HOSE, MEN'S FINISHED SEAMLESS HOSIERY, MADE OF NYLON, COTTON, ACRYLIC, OTHER YARNS AND MIXTURES
23292	SLACK SUITS, MEN'S, YOUTHS', AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23393	SLACK SUITS, WOMEN'S AND MISSES'
23690	SLACKS AND SLACK SUITS, GIRLS' AND CHILDREN'S MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23271	SLACKS, DRESS AND SPORT, MEN'S, YOUTHS', AND BOYS'
23393	SLACKS, INCLUDING WORK SLACKS, WOMEN'S AND MISSES'
22533	SLACKS, FROM YARNS OR FABRIC KNIT AT THE ESTABLISHMENT
23282	SLACKS, WORK, MEN'S, YOUTHS', AND BOYS'
33121	SLAG, BLAST FURNACE PRODUCTS
32950	SLAG, CRUSHED
32410	SLAG LIME
32813	SLATE, CUT-STONE
24995	SLATS, WOODEN, FOR PENCILS
34233	SLEDGES, HAMMERS
39430	SLEDS, CHILDREN'S
22543	SLEEPERS AND PAJAMAS WITH FEET, KNIT HEAVYWEIGHT, INFANTS AND TODDLERS, MADE FROM YARNS OR FABRIC KNIT AT THE SAME ESTABLISHMENT
28342	SLEEP INDUCERS, PROPRIETARY PREPARATIONS
23990	SLEEPING BAGS, FROM PURCHASED FABRIC
35512	SLICERS, COMMERCIAL, FOOD
35512	SLICING MACHINES, BAKERY
38113	SLIDE RULES
38615	SLIDES AND GLASS PLATES, PHOTOGRAPHIC
34292	SLIDES, FURNITURE HARDWARE
34294	SLIDING AND FOLDING DOOR HARDWARE
23920	SLIP COVERS, EXCEPT EMBROIDERED, FOR FURNITURE, MATTRESS, ETC., MADE FROM PURCHASED FABRIC
31420	SLIPPER SOCKS, MADE FROM PURCHASED SOCKS
22523	SLIPPER SOCKS, SEAMLESS, FINISHED AND PARTIALLY FINISHED, MADE FROM OWN MATERIALS
31417	SLIPPERS, BEACH AND SHOWER, EXCEPT RUBBER
31420	SLIPPERS, HOUSE
31417	SLIPPERS, MEN'S, WOMEN'S, CHILDREN'S, AND INFANTS', EXCEPT RUBBER
22542	SLIPS AND HALF-SLIPS, MADE FROM YARNS OR FABRIC KNIT IN THE SAME ESTABLISHMENT
23412	SLIPS AND HALF-SLIPS, WOMEN'S AND CHILDRENS', MADE OF WOVEN OR PURCHASED KNIT FABRIC
35451	SLITTING SAWS AND SCREW SLOTTING, CUTTING, SMALL CUTTING TOOLS
22970	SLUBS AND NUBS, WOOL OR OTHER
19512	SMALL ARMS, 30 MM. (OR 1.18 INCHES) AND UNDER, INCLUDING PARTS AND ATTACHMENTS
19610	SMALL ARMS AMMUNITION, 30 MM. (1.18 INCHES) AND UNDER
23850	SMOCKS, WOMEN'S, MISSES', AND CHILDREN'S, PLASTIC AND RUBBERIZED (WATERPROOF), EXCEPT ALL RUBBER
23392	SMOCKS, WOMEN'S, MISSES', AND JUNIORS'
19990	SMOKE GENERATORS (ORDNANCE) AND PARTS
34443	SMOKE PIPES, SHEET METAL
20310	SMOKED FISH (SALMON, HERRING, WHITEFISH, CHUB, CISCO, ETC.)
20154	SMOKED OR COOKED POULTRY, INCLUDING DEBONED
20136	SMOKED PORK (NOT OTHERWISE COOKED) NOT CANNED OR MADE INTO SAUSAGE, NOT MADE IN MEATPACKING PLANT
20116	SMOKED PORK (NOT OTHERWISE COOKED), NOT CANNED OR MADE INTO SAUSAGE, PROCESSED IN MEATPACKING PLANT
20310	SMOKED SALMON
28921	SMOKELESS POWDER, INDUSTRIAL
23840	SMOKING JACKETS
25112	SMOKING STANDS OR CABINETS, WOODEN, PAINTED OR FINISHED
39642	SNAP FASTENERS
36625	SNIPERSCOPES AND SNOOPERSCOPES
35227	SNOW BLOWERS AND SNOW THROWERS
24218	SNOW FENCE LATH STOCK
24995	SNOW FENCE, WOODEN, COMPLETE
23393	SNOW LEGGINGS, SEPARATE, WOMEN'S AND MISSES'
23630	SNOW PANTS AND COAT SETS, GIRLS' AND INFANTS'
23292	SNOW PANTS, MEN'S AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23393	SNOW PANTS, SEPARATE, WOMEN'S AND MISSES'
35319	SNOW PLOWS, FOR MOUNTING ON TRACTORS OR TRUCKS
22562	SNOW SUIT FABRICS, CIRCULAR KNIT AND FINISHED IN A KNITTING MILL
23639	SNOW SUITS, GIRLS', CHILDREN'S AND INFANTS' (RECEIPTS FOR CONTRACT WORK)
23393	SNOW SUITS, WOMEN'S, MISSES', AND JUNIORS'
37992	SNOWMOBILES, SELF-PROPELLED
21310	SNUFF AND SNUFF FLOUR
28413	SOAP, BARS, CHIPS, FLAKES, LIQUID, HOUSEHOLD
28413	SOAP, CHIPS, FLAKES, GRANULATED POWDERED, SPRAYED, AND LIQUID, HOUSHOLD
28412	SOAP, BULK, EXCEPT SPECIALTY CLEANERS, NONHOUSEHOLD
28412	SOAPS, CHIPS, FLAKES, GRANULATED POWDERED, SPRAYED, AND WASHING POWDERS, NONHOUSEHOLD, BULK
20943	SOAPSTOCK, RAW AND ACIDULATED
32950	SOAPSTONE, GROUND OR TREATED
36430	SOCKETS, ELECTRIC
22524	SOCKS AND ANKLETS EXCEPT MISSES' KNEE-LENGTH, FOR MISSES AND CHILDREN, SHIPPED IN THE GRIEGE
22522	SOCKS, ATHLETIC AND CREW, FOR MEN, FINISHED AND SEAMLESS, MADE OF COTTON, WOOL, ACRYLIC, OTHER YARNS AND MIXTURES
22523	SOCKS, FOR BOYS, FINISHED, SEAMLESS SLACK AND KNEE-LENGTH, ATHLETIC AND CREW SOCKS MADE OF COTTON, ALL OTHER YARNS AND MIXTURES
22523	SOCKS, INFANTS' SLIPPER, ALL TYPES, FINISHED OR PARTIALLY FINISHED
22523	SOCKS, KNEE-LENGTH, CHILDREN'S, ALL FIBERS, FINISHED
22513	SOCKS, KNEE-LENGTH-MISSES' INCLUDING CAMPUS AND BERMUDAS ETC., ALL FIBERS
22515	SOCKS, KNEE-LENGTH, MISSES', INCLUDING CAMPUS, BERMUDAS, ETC., SHIPPED IN THE GREIGE
34233	SOD CUTTERS, HAND
28122	SODA ASH, AMMONIA SODA AND CAUSTIC CARBONATION PROCESS
35857	SODA FOUNTAIN EQUIPMENT, REFRIGERATED
28124	SODA, MODIFIED, SAL, OR ASH
26112	SODA WOODPULP
28196	SODIUM ALUMINATE, ALUMINUM COMPOUND
28197	SODIUM AND POTASSIUM COMPOUNDS, EXCEPT BLEACHES, ALKALIES, ALUMS
28192	SODIUM BLEACH COMPOUND
28122	SODIUM CARBONATE, AMMONIA SODA AND CAUSTIC CARBONATION PROCESS
28124	SODIUM CARBONATE, BY ELECTROLYTIC PROCESS
28182	SODIUM CARBOXYMETHYL CELLULOSE
28991	SODIUM CHLORIDE
28123	SODIUM HYDROXIDE
28122	SODIUM HYDROXIDE, CAUSTIC SODA
28197	SODIUM, METAL
28197	SODIUM PHOSPHATE

Code	Product
36121	SODIUM VAPOR LAMP TRANSFORMERS
25154	SOFAS, CONVERTIBLE
25221	SOFAS, METAL, OFFICE, INCLUDING UPHOLSTERED
25121	SOFAS, UPHOLSTERED WOOD HOUSEHOLD, EXCEPT DUAL PURPOSE
25210	SOFAS, WOOD, OFFICE INCLUDING UPHOLSTERED
20513	SOFT CAKES ALL TYPES, INCLUDING POUND, LAYER, FRUIT, ETC.
20874	SOFT DRINK POWDERS AND TABLETS FOR FLAVOR, EFFERVESCENT OR NONEFFERVESCENT
20860	SOFT DRINK SIRUP FOR BLENDING MACHINES-PREMIX OR PART MIX
20860	SOFT DRINKS, BULK PREMIX AND POST MIX FOR BLENDING MACHINE
20860	SOFT DRINKS, CANNED AND BOTTLED, DIETETIC AND NONDIETETIC CARBONATED
20860	SOFT DRINKS, STILL, BOTTLED AND CANNED DIETETIC OR NONDIETETIC
28430	SOFTENERS, SOLUBLE OILS AND GREASES
24217	SOFTWOOD CUT STOCK, FURNITURE OR INDUSTRIAL
28611	SOFTWOOD DISTILLATION PRODUCTS
24218	SOFTWOOD FLOORING
24323	SOFTWOOD PLYWOOD, EXTERIOR
24322	SOFTWOOD PLYWOOD, INTERIOR
24326	SOFTWOOD VENEER
28790	SOIL CONDITIONERS
28790	SOIL FUMIGANTS
35316	SOIL STABILIZATION POWERS
28993	SOIL TESTING KITS, CHEMICAL
36749	SOLAR CELLS
34336	SOLAR HEATERS, HEATING EQUIPMENT
33323	SOLDER, LEAD ALLOY, REFINED PRIMARY
33413	SOLDER, LEAD ALLOY, SECONDARY REFINERS
34233	SOLDERING IRONS, ELECTRIC
31111	SOLE LEATHER, SHOES FINISHED CATTLE HIDE
36293	SOLENOIDS, ELECTRICAL EQUIPMENT FOR INDUSTRIAL USE
30696	SOLES AND HEELS, RUBBER
30113	SOLID TIRES
20851	SOLUBLES, DRIED, DISTILLERS'
28423	SOLVENTS, DRAIN PIPE
28185	SOLVENTS, ORGANIC
36625	SONAR, SEARCH AND DETECTION APPARATUS
28182	SORBITOL
35791	SORTERS, FILING, AND OFFICE MACHINES
36515	SOUND EQUIPMENT, COMMERCIAL
19410	SOUND LOCATORS, MILITARY (SIGHTING AND FIRE CONTROL EQUIPMENT)
38613	SOUND RECORDERS FOR MOTION PICTURES
20310	SOUP, CANNED SEAFOOD, EXCEPT FROZEN
20373	SOUP, FROZEN (EXCEPT SEAFOOD)
20342	SOUP MIX, DRIED AND DEHYDRATED
20361	SOUP, SEAFOOD (TURTLE, ETC.), PACKAGED FROZEN
20310	SOUP, TURTLE CANNED, EXCEPT FROZEN
20322	SOUPS, CANNED, EXCEPT FROZEN OR SEAFOOD
20321	SOUPS, CANNED BABY FOODS, VEGETABLE AND VEGETABLE MEAT
20262	SOUR CREAM, PACKAGED
27413	SOUVENIR CARDS PUBLISHED
20922	SOY FLOUR AND GRITS
20353	SOY SAUCE
20922	SOYBEAN CAKE AND MEAL
20921	SOYBEAN OIL, CRUDE
20922	SOYBEAN OIL MILL PRODUCTS, OTHER THAN SOYBEAN OIL
20921	SOYBEAN OIL PROCESSED FOR INEDIBLE PURPOSES
20921	SOYBEAN OIL REFINED, AFTER ALKALI OR CAUSTIC WASH BUT BEFORE BLEACHING, DEODORIZING, AND/OR WINTERIZING
37292	SPACE CAPSULES
36625	SPACE SATELLITE AND OTHER IR DETECTION WARNING SYSTEMS
36627	SPACE SATELLITE COMMUNICATIONS SYSTEMS (COMPLETE PACKAGE)
37225	SPACE VEHICLE AND MISSILE ENGINES AND/OR PROPULSION UNITS
37294	SPACE VEHICLE COMPONENT (EXCEPT ENGINE AND PROPULSION UNIT) RESEARCH AND DEVELOPMENT ONLY
19254	SPACE VEHICLE SYSTEMS (EXCEPT PROPULSION), RESEARCH AND DEVELOPMENT ONLY
19252	SPACE VEHICLES, COMPLETELY ASSEMBLED, FOR MILITARY AND NONMILITARY CUSTOMERS (EXCEPT PROPULSION)
19252	SPACE VEHICLES, COMPLETE, MANNED OR UNMANNED
19255	SPACE VEHICLES, COMPLETE, SERVICES ONLY, (EXCEPT RESEARCH AND DEVELOPMENT)
34233	SPADES
20324	SPAGHETTI, CANNED, WITH OR WITHOUT MEAT
20980	SPAGHETTI, EXCEPT CANNED
28242	SPANDEX, MANMADE TEXTILE FIBERS
20324	SPANISH FOODS (MEXICAN RICE, TORTILLAS, ENCHILADAS)
36944	SPARK PLUGS
35484	SPARK PLUG CLEANERS
36795	SPEAKERS, RADIO, LOUD
26111	SPECIAL ALPHA AND DISSOLVING WOODPULP
26312	SPECIAL FOOD PAPERBOARD, SOLID WOODPULP FURNISH, BLEACHED
34522	SPECIAL INDUSTRIAL FASTENERS, EXCEPT BOLT, NUTS, SCREWS, WASHERS, RIVETS
26219	SPECIAL INDUSTRIAL PAPER, EXCEPT WINDSHIELD WIPER STOCK AND INDUSTRIAL WIPES
36121	SPECIALTY TRANSFORMERS
38311	SPECTROGRAPHS
38311	SPECTROMETERS
35662	SPEED CHANGERS, INDUSTRIAL EXCEPT AUTO, MARINE, AND AIRCRAFT
38214	SPEEDOMETERS, MOTOR VEHICLES
35623	SPHERICAL ROLLER BEARINGS-INCLUDING HOURGLASS AND BARREL
20999	SPICES, GROUND, INCLUDING PEPPER, PAPRIKA, NUTMEG, ETC.
33134	SPIEGELEISEN, NOT MADE IN BLAST FURNACES
33992	SPIKES, NONFERROUS, PRIMARY
33152	SPIKES, STEEL
20332	SPINACH, CANNED
22414	SPINDLE BANDING, BRAIDED
22411	SPINDLE BANDING, WOVEN
37295	SPINNERS, AIRCRAFT PROPELLERS
35423	SPINNING LATHES, FOR METAL-FORMING
33157	SPIRAL CLOTH, FERROUS, MADE IN WIREDRAWING PLANTS
20851	SPIRITS, ALCOHOLIC, EXCEPT FRUIT
20840	SPIRITS, ALCOHOLIC, FRUIT
20840	SPIRITS, NEUTRAL FRUIT AND BRANDY
24430	SPLINT BASKETS FOR FRUIT AND VEGETABLES
24262	SPOKES, DIMENSION HARDWOOD STOCK
33159	SPOKES, WHEEL, FERROUS WIRE MADE IN WIREDRAWING PLANT
34819	SPOKES, WHEEL, FERROUS WIRE NOT MADE BY WIREDRAWERS
30693	SPONGE AND FOAM RUBBER GOODS
30693	SPONGE, CHEMICALLY BLOWN
23920	SPONGE MOPS
28212	SPONGES, CELLULOSIC PRODUCTS, REGENERATED
30792	SPONGES, FOAMED PLASTICS
22315	SPONGING OF WOOL FABRICS, COMMISSION RECEIPTS
26552	SPOOLS, PAPERBOARD
24995	SPOOLS, WOOD, EXCEPT TEXTILE MACHINERY SPOOLS
26543	SPOONS AND FORKS PAPER, STAMPED
39142	SPOONS, METAL
24995	SPOONS, WOOD
23114	SPORT COATS AND JACKETS, TAILORED, BOYS'
23113	SPORT COATS AND JACKETS, TAILORED, MEN'S
39493	SPORT EQUIPMENT, EXCEPT FISHING EQUIPMENT, ATHLETIC APPAREL AND SHOES, AND GOLF EQUIPMENT
23612	SPORT SHIRTS, KNIT, GIRLS' AND CHILDREN'S, MADE FROM PURCHASED FABRIC
22532	SPORT SHIRTS, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23212	SPORT SHIRTS, KNIT OUTERWEAR, MEN'S, YOUTHS', AND BOYS', MADE FROM PURCHASED KNIT FABRICS
23312	SPORT SHIRTS, WOMEN'S, MISSES', AND JUNIORS' MADE FROM PURCHASED KNIT FABRIC
23214	SPORT SHIRTS, WOVEN, MEN'S, YOUTHS', AND BOYS' MADE FROM PURCHASED FABRIC
31417	SPORT SHOES
35222	SPRAYERS AND DUSTERS, AND ATTACHMENTS, FARM MACHINERY
35615	SPRAYING EQUIPMENT, INDUSTRIAL
25152	SPRING CUSHIONS
34813	SPRING UNITS FOR BOX SPRINGS, INNERSPRING MATTRESSES AND UPHOLSTERED FURNITURE
25153	SPRINGS--"BEDSPRINGS"
34812	SPRINGS, PRECISION, MECHANICAL
34930	SPRINGS, STEEL
34813	SPRINGS, WIRE, FOR FURNITURE, MATTRESSES AND BEDSPRINGS
34813	SPRINGS, WIRE, MOTOR VEHICLE SEATS AND BACKS
35690	SPRINKLER SYSTEMS, AUTOMATIC
34320	SPRINKLERS, LAWN, BRASS GOODS
35663	SPROCKETS, AND CHAINS EXCEPT AUTOMOBILE, AIRCRAFT, AND MARINE
20830	SPROUTS, MALT
23930	SPUN PAPER TEXTILE BAGS EXCEPT LAUNDRY, WARDROBE AND SHOE, FROM PURCHASED FABRIC
22213	SPUN RAYON AND/OR ACETATE FABRICS AND BLENDS, GRAY GOODS
38311	SPY GLASSES
35453	SQUARES, TOOLROOM
20332	SQUASH, INCLUDING PIE MIX, CANNED
35316	STABILIZATION MIXING EQUIPMENT, CONSTRUCTION MACHINERY
35370	STACKERS, TRUCKS, TRACTORS, TRAILERS, FOR INDUSTRIAL USE
36743	STACKS AND DIODES, SOLID STATE SEMICONDUCTORS
34432	STACKS, FABRICATED STEEL PLATE
25312	STADIUM AND BLEACHER SEATS, PUBLIC BUILDINGS
32316	STAINED GLASS AND STAINED GLASS SLABS, MADE OF PURCHASED GLASS
33120	STAINLESS STEEL, FINISHED SHAPES AND FORMS
33157	STAINLESS STEEL PAPER MACHINE WIRE CLOTH (FOURDRINIER AND CYLINDER), MADE IN WIREDRAWING PLANTS
34615	STAINLESS STEEL UTENSILS, STAMPED AND SPUN FOR COOKING, KITCHEN AND HOSPITAL
39141	STAINLESS STEELWARE, PLATED WARE, SILVERWARE
28152	STAINS, BIOLOGICAL
28516	STAINS, INDUSTRIAL PRODUCT FINISHES
28511	STAINS, OIL PAINT, EXTERIOR, TRADE SALE
28513	STAINS, OIL-TYPE, INTERIOR, TRADE SALES
30694	STAIR TREADS, RUBBER
24318	STAIR WORK, WOODEN, INCLUDES TREADS, RISERS, CROOKS, ETC.
34460	STAIRS, STAIRCASES, RAILINGS, METAL
35224	STALK CUTTERS, FARM, AND ATTACHMENTS
34615	STAMPED AND SPUN HOSPITAL UTENSILS, METAL, EXCEPT ALUMINUM
34614	STAMPED AND SPUN UTENSILS, ALUMINUM
23951	STAMPED ART GOODS FOR EMBROIDERING AND PUNCHING; NOT MADE IN TEXTILE MILLS (EXCEPT SCHIFFLIN-MACHINE PRODUCTS)
34612	STAMPINGS, JOB, METAL, FOR AVIATION, AGRICULTURE, ELECTRICAL APPLIANCES, FURNITURE, OFFICE MACHINE, STOVE, WASHING MACHINE, AND RADIO
27311	STANDARDIZED TESTS, SCHOOL, PRINTING AND PUBLISHING
25224	STANDS, METAL, OFFICE
33992	STAPLES, NONFERROUS, PRIMARY
33152	STAPLES, STEEL WIRE
35791	STAPLING MACHINES
20460	STARCH, CORN, LIQUID AND DRY (HOUSEHOLD)
20460	STARCH, CORN, POTATO, IRISH, WHEAT, RICE, ETC.
28423	STARCH, LAUNDRY, DRY, LIQUID, OR AEROSOL
36220	STARTERS AND CONTRACTORS FOR SQUIRREL CAGE AND WOUND ROTOR AND SYNCHRONOUS MOTORS OVER 600 VOLTS
36430	STARTING SWITCHES
30698	STATIONARY GOODS, RUBBER
26491	STATIONERY, PAPER AND ENVELOPES, PACKAGED
32990	STATUARY, NONMETALLIC MINERAL
24290	STAVES, BARREL, A SAWMILL PRODUCT
23422	STAYS, FOR WOMEN'S PERSONAL WEAR
20362	STEAKS, FISH, FRESH PACKAGED
34431	STEAM CONDENSERS AND HEAT EXCHANGERS, BOILER SHOP
35112	STEAM ENGINES AND PARTS
35891	STEAM TABLES, COMMERCIAL
34943	STEAM TRAPS, FOR PIPING SYSTEMS, THERMOSTATIC AND MECHANICAL
34944	STEAM TRAPS FOR PLUMBING AND HEATING
34944	STEAM TRAPS, PLUMBING AND HEATING VALVES (EXCEPT BRASS GOODS)
35112	STEAM TURBINE, GEAR UNITS (INCLUDING THE VALUE OF THE GEARS)
35111	STEAM TURBINE GENERATOR SET UNITS AND PARTS
25143	STEAMER CHAIRS, METAL OUTDOOR
25117	STEAMER CHAIRS, WOOD
28183	STEARIC ACID
20943	STEARIN, ANIMAL, INEDIBLE
20110	STEARIN, EDIBLE
20961	STEARIN, VEGETABLE OIL WINTER
32640	STEATITE ELECTRICAL PRODUCTS
33122	STEEL ALLOY SHAPES AND FORMS SEMIFINISHED
33996	STEEL, ANNEALING AND PICKLING OF, FOR THE TRADE
33168	STEEL BARS AND BAR SHAPES, COLD FINISHED, NOT MADE IN STEEL MILL
33128	STEEL, BARS AND BAR SHAPES, COLD FINISHED, PRODUCED FROM OWN HOT ROLLED MATERIALS IN STEEL MILLS
34422	STEEL CASEMENT WINDOW SASH AND FRAMES
33152	STEEL CUT NAILS, SPIKES, AND BRADS

Code	Product
34413	STEEL, FABRICATED STRUCTURAL, EXCEPT FOR BUILDINGS AND BRIDGES
34411	STEEL, FABRICATED STRUCTURAL, FOR BUILDINGS ONLY
33911	STEEL FORGINGS, CLOSED DIE
33996	STEEL, HEAT TREATING OF, FOR THE TRADE
34335	STEEL HEATING BOILERS, STEAM OR HOT WATER BOILERS
33123	STEEL, HOT ROLLED SHEET AND STRIP, CARBON, ALLOY, AND STAINLESS STEEL
33122	STEEL INGOT AND SEMIFINISHED SHAPES, CARBON, ALLOY, AND STAINLESS STEEL
33231	STEEL INVESTMENT CASTINGS, STEEL FOUNDRY
33152	STEEL WIRE NAILS AND SPIKES AND BRADS
34911	STEEL PAILS FOR SHIPPING
33176	STEEL PIPE AND TUBE, NOT MADE IN STEEL MILL
33126	STEEL PIPE AND TUBE, PRODUCED IN STEEL MILLS
34432	STEEL PLATE, FABRICATED
33124	STEEL PLATES
34433	STEEL POWER BOILERS, PARTS AND ATTACHMENTS, OVER 15 P.S.I.
33167	STEEL, SHEET AND STRIP, COLD ROLLED, NOT MADE IN STEEL MILL
33127	STEEL, SHEET AND STRIP, COLD ROLLED, PRODUCED FROM OWN HOT ROLLED MATERIAL IN STEEL MILLS
34930	STEEL SPRINGS
33152	STEEL TACKS (WIRE AND CUT)
33159	STEEL WIRE CAGES, FERROUS MADE IN WIREDRAWING PLANT
34819	STEEL WIRE CAGES, FERROUS NOT PRODUCED BY WIREDRAWERS
33155	STEEL WIRE, NOT PRODUCED IN STEEL MILL
33125	STEEL WIRE, PRODUCED IN STEEL MILLS
33151	STEEL WIRE STRAND, MADE IN WIREDRAWING PLANTS
32914	STEEL WOOL
20460	STEEPWATER CONCENTRATE (WET CORN MILLING BYPRODUCT)
35720	STENCIL-CUTTING TYPEWRITERS, INCLUDING PARTS AND ATTACHMENTS
28930	STENCIL INKS
39550	STENCIL PAPER
39530	STENCILS, MARKING, DEVICES ALSO STENCIL MACHINES
23412	STEPINS, WOMEN'S AND CHILDREN'S, MADE FROM WOVEN OR PURCHASED KNIT FABRICS
24995	STEPLADDERS, WOODEN
27940	STEREOTYPING, ELECTROTYPING AND MATRIX PLATES FOR LETTERPRESS
35552	STEREOTYPING MACHINERY AND EQUIPMENT
38430	STERILIZERS, DENTAL
38421	STERILIZERS, SURGICAL AND MEDICAL
29110	STILL GAS
38611	STILL PICTURE COMMERCIAL TYPE PROCESSING EQUIPMENT, INCLUDING DEVELOPING AND CONTINUOUS PRINTING MACHINE
24290	STOCK, COOPERAGE, A SAWMILL PRODUCT
24262	STOCK, HARDWOOD DIMENSION, SEMIFABRICATED AND COMPLETELY FABRICATED INDUSTRIAL PASTS INCLUDING VEHICLE STOCK
22562	STOCKINETTE, CIRCULAR KNIT AND FINISHED IN A KNITTING MILL
22511	STOCKINGS, FINISHED FULL-FASHIONED FOR WOMEN AND MISSES', NYLON AND OTHER YARNS AND MIXTURES
22513	STOCKINGS FOR WOMEN AND MISSES, SEAMLESS FINISHED, ALL NYLON AND NYLON LEGS, FULL- OR KNEE-LENGTH, STRETCH OR NONSTRETCH
22513	STOCKINGS, SEAMLESS, FINISHED, FOR WOMEN AND MISSES, FULL- OR KNEE-LENGTH MADE OF COTTON, MIXTURES AND ALL OTHER YARN
22514	STOCKINGS, WOMEN'S AND MISSES', FULL-FASHIONED, ALL FIBERS, SHIPPED IN THE GREIGE
22515	STOCKINGS, WOMEN'S AND MISSES', SEAMLESS, ALL FIBERS, SHIPPED IN THE GREIGE
34336	STOKERS, MECHANICAL FOR HEATING SYSTEMS
34336	STOKERS, MECHANICAL, PARTS ONLY
23710	STOLES, FUR
28345	STOMACH, LAXATIVE, ULCER PREPARATIONS FOR HUMAN USE
32811	STONE CUT, GRANITE (DRESSED DIMENSION)
32811	STONE, CUT, GRANITE, MONUMENTAL
39130	STONES, PREPARATION OF REAL AND IMITATION GEMS FOR SETTINGS
32690	STONEWARE, TABLE AND KITCHEN, HOUSEHOLD AND COMMERCIAL
35595	STONEWORKING MACHINERY
38430	STOOLS, DENTAL
25990	STOOLS FOR FACTORIES
25112	STOOLS, HOUSEHOLD, WOOD, PAINTED OR FINISHED
38113	STOOLS, LABORATORY
25142	STOOLS, METAL KITCHEN, INCLUDING PADDED
25221	STOOLS, METAL, OFFICE, INCLUDING UPHOLSTERED
25990	STOOLS, RESTAURANT WOOD OR METAL
25210	STOOLS, WOOD, OFFICE
24994	STOPPERS, CORK
23920	STORAGE BAGS, TEXTILE AND PLASTIC FROM PURCHASED FABRIC
36912	STORAGE BATTERIES, EXCEPT S.L.I. TYPE AND PARTS FOR ALL TYPES
36911	STORAGE BATTERIES, S.L.I. TYPE (EXCEPT PARTS)
25311	STORAGE CABINETS, SCHOOL
25224	STORAGE CABINETS, METAL OFFICE FURNITURE
25210	STORAGE CABINETS, WOOD OFFICE FURNITURE
34492	STORAGE HOUSES, STEEL AND ALUMINUM, PREFABRICATED AND PORTABLE
34439	STORAGE TANKS, METAL, CUSTOM FABRICATED AND FIELD ERECTED
34437	STORAGE TANKS, METAL, NONPRESSURE, FOR BULK STORAGE ABOVE OR UNDERGROUND
25420	STORE FIXTURES, METAL
25410	STORE FIXTURES, WOOD, INCLUDING DISPLAY, TABLE, WALL TO WALL AND GONDOLAS
34423	STORE FRONTS, METAL
34611	STORE FRONTS, VITREOUS--ENAMELED
23114	STORM COATS, BOYS'
23112	STORM COATS, MEN'S
34424	STORM DOORS AND SASH, METAL, COMBINATION
24315	STORM DOORS, WOOD INCLUDING COMBINATION SCREEN AND STORM
24312	STORM SASH, WOOD, INCLUDING COMBINATION SCREEN AND STORM SASH, EXCEPT WINDOW UNITS AND SCREENS
34521	STOVE BOLT AND NUTS
34443	STOVE PIPE AND FURNACE SMOKE PIPE, ELBOWS, DUCTS, ALUMINUM AND STEEL
35891	STOVES, COOKING, COMMERCIAL
36311	STOVES, ELECTRIC, HOUSEHOLD, FOR COOKING
34334	STOVES (EXCEPT ELECTRIC), DOMESTIC HEATING, EXCEPT PARTS
20820	STOUT BEER, CANS, BOTTLES, BARRELS AND KEGS
33572	STRAND, COPPER AND COPPER-BASE ALLOY, BARE AND TINNED, FOR ELECTRICAL TRANSMISSION PRODUCED IN WIREDRAWING ESTABLISHMENT
34990	STRAPPING, STEEL
22411	STRAPPING, WOVEN
26492	STRAPS, PAPER, CURRENCY
22790	STRAW CARPETS AND RUGS
23521	STRAW HATS, FINISHED, EXCLUDING MILLINERY AND HARVEST HATS
23521	STRAW HATS, MEN'S AND BOYS', FINISHED, SEWED, BRAID OR WOVEN BODIES
23510	STRAW MILLINERY - NATURAL OR SYNTHETIC, FROM SEWN BRAID OR STRAW BODIES
26112	STRAW PULP
28232	STRAW RAYON
26543	STRAWS, DRINKING, EXCEPT GLASS
32291	STRAWS, DRINKING--MADE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	STRAWS, DRINKING, MADE OF PURCHASED GLASS
30798	STRAWS, DRINKING, STIRRERS AND PICKS, PLASTICS
36425	STREET AND HIGHWAY LIGHTING EQUIPMENT (EXCEPT BULBS, PARTS AND ACCESSORIES)
37423	STREET CARS
39911	STREET SWEEPING MACHINE BROOMS
24995	STRETCHERS, SHOE AND BOOT, WOODEN
22824	STRETCH (TEXTURED) YARNS
39314	STRINGED MUSICAL INSTRUMENTS AND PARTS
39314	STRINGS FOR MUSICAL INSTRUMENT, GUT AND METAL
33127	STRIP AND SHEET STEEL, COLD ROLLED PRODUCED IN STEEL MILLS
27611	STRIP, BUSINESS FORMS, CONTINUOUS IMPRINTED OR STOCK
24261	STRIP, HARDWOOD FLOORING
33167	STRIPS AND SHEETS, STEEL, COLD ROLLED, NOT MADE IN STEEL MILL
28331	STREPTOMYCIN, BULK
28348	STREPTOMYCIN, PHARMACEUTICAL FOR HUMAN USE
39430	STROLLERS
24331	STRUCTURAL ELEMENTS FOR BUILDINGS AND BRIDGES WOOD
34413	STRUCTURAL FABRICATED METAL (IRON, STEEL, ALUMINUM), EXCEPT THAT USED FOR BUILDINGS AND BRIDGES
34412	STRUCTURAL METAL, FABRICATED, FOR BRIDGES ONLY (IRON, STEEL, ALUMINUM)
34411	STRUCTURAL METAL, FABRICATED FOR BUILDINGS, IRON, STEEL OR ALUMINUM
32961	STRUCTURAL INSULATION FROM ROCK, SLAG OR GLASS
33124	STRUCTURAL SHAPES, STEEL, CARBON, ALLOY AND STAINLESS
32990	STUCCO
34521	STUDS, FERROUS AND NONFERROUS
25156	STUDIO COUCHES
39420	STUFFED TOY ANIMALS AND DOLLS
28213	STYRENE RESINS, THERMOPLASTIC
28211	STYRENE COPOLYMER, UNSUPPORTED PLASTICS, PRODUCED FROM RESINS MADE IN THE SAME PLANT
19511	SUBMACHINE GUNS
37312	SUBMARINES U.S. MILITARY NEW
35441	SUBPRESSES, METALWORKING
27111	SUBSCRIPTION AND SALES RECEIPTS FROM DAILY AND SUNDAY NEWSPAPERS
27215	SUBSCRIPTION AND SALES RECEIPTS FROM GENERAL PERIODICALS (I.E., PERIODICALS OTHER THAN FARM, SPECIALIZED BUSINESS, AND PROFESSIONAL)
27211	SUBSCRIPTION AND SALES RECEIPTS FROM FARM PERIODICALS
27213	SUBSCRIPTION AND SALES RECEIPTS FROM SPECIALIZED BUSINESS AND PROFESSIONAL PUBLISHING
27113	SUBSCRIPTION AND SALES RECEIPTS FROM WEEKLY AND OTHER NEWSPAPERS, EXCEPT DAILY AND SUNDAY
27217	SUBSCRIPTION, SALES, AND ADVERTISING RECEIPTS FROM RELIGIOUS, SCHOOL, SUNDAY SUPPLEMENTS AND COMICS
23112	SUBURBAN COATS FOR MEN
37423	SUBWAY CARS
20332	SUCCOTASH, CANNED
20630	SUCROSE LIQUID SUGAR - BEET
20620	SUCROSE LIQUID SUGAR - CANE
22114	SUEDES, COTTON (GRAY GOODS)
20610	SUGAR, ALL GRADES, EXCEPT REFINING ONLY
20630	SUGAR, BEET FACTORY PRODUCTS AND BYPRODUCTS, INCLUDING DISCARD MOLASSES AND BEET PULP, DRIED AND WET BEET PULP
20630	SUGAR, BEET, REFINED, INCLUDING LIQUID
20620	SUGAR, CANE, GRANULATED
20620	SUGAR, CANE, INVERT
20610	SUGAR, CANE, RAW
20620	SUGAR, CANE, REFINED, INCLUDING CUBE AND TABLET, CONFECTIONER'S POWDERED, SOFT OR BROWN, AND LIQUID SUGAR OR SUGAR SIRUP
20610	SUGAR CANE SIRUP (FROM WHICH NO SUGAR HAS BEEN REMOVED)
20630	SUGAR, CONFECTIONERS' POWDERED BEET
20620	SUGAR, CONFECTIONERS' POWDERED, CANE
35513	SUGAR PLANT MACHINERY, INCLUDING PARTS AND ATTACHMENTS
20620	SUGAR SIRUP, OR LIQUID SUGAR, FROM REFINED CANE SUGAR
23961	SUIT AND COAT AND TROUSER FINDINGS, MEN AND BOYS
31610	SUITCASES, LEATHER
22213	SUITINGS, 100% SPUN RAYON AND/OR ACETATE (GRAY GOODS)
22533	SUITS AND DRESSES, KNIT, FROM YARN OR FABRIC KNIT IN THE SAME ESTABLISHMENT
22533	SUITS, BATHING, KNIT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23114	SUITS, BOYS'
23630	SUITS, INCLUDING SNOW SUITS, GIRLS', CHILDREN'S, AND INFANTS'
23639	SUITS, INCLUDING SNOW SUITS, GIRLS', CHILDREN'S, AND INFANTS' (RECEIPT FOR CONTRACT WORK)
22541	SUITS, KNIT UNION, MEN'S AND BOY'S, MADE FROM YARNS OR FABRIC KNIT IN SAME ESTABLISHMENT
23111	SUITS, MEN'S, INCLUDING UNIFORM, EXCEPT SKI, SNOW, SLACK AND WASH
23119	SUITS, MEN'S, YOUTH', AND BOYS' (CONTRACT AND COMMISSION RECEIPTS)
23393	SUITS, PLAY, WOMEN'S AND MISSES'
23630	SUITS, SKI AND SNOW, GIRLS' AND INFANTS'
23393	SUITS, SKI AND SNOW, WOMEN'S
23292	SUITS, SLACK, MEN'S, YOUTHS', AND BOYS' MADE FROM PURCHASED KNIT FABRIC
23393	SUITS, SLACK, WOMEN'S AND MISSES'
23690	SUITS, SUN, CHILDREN'S AND INFANTS', MADE FROM PURCHASED KNIT FABRIC
23221	SUITS, UNION (MEN'S AND BOYS' UNDERWEAR), MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23292	SUITS, WASH, MEN'S, YOUTHS', AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23690	SUITS, WASH, WOVEN, TODDLERS, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23379	SUITS, WOMEN'S, MISSES', AND JUNIORS' (CONTRACT AND COMMISSION RECEIPTS)
23372	SUITS, WOMEN'S, MISSES', AND JUNIORS' (EXCLUDING SKI, SNOW, AND SLACK), INCLUDING UNIFORM
28331	SULFA DRUGS, SYNTHETIC, BULK
28196	SULFATE, ALUMINUM COMPOUNDS, COMMERCIAL AND IRON-FREE
28191	SULFATE, AMMONIUM, EXCEPT BYPRODUCT COKE OVEN
26112	SULFATE AND SULFITE WOODPULP
28197	SULFIDE, SODIUM COMPOUNDS, CRYSTAL, CONCENTRATED, AND LIQUID

Code	Product
28348	SULFONAMIDES, EXCEPT COMBINATIONS WITH ANTIBIOTICS, PHARMACEUTICAL FOR HUMAN USE
28349	SULFONAMIDES, VETERINARY, PHARMACEUTICAL
28430	SULFONATED FATS AND OILS
28199	SULFUR COMPOUNDS AND REFINED
28790	SULFUR, CONTAINING PREPARATIONS FOR AGRICULTURE
28193	SULFURIC ACID
35615	SUMP PUMPS
38513	SUN GLASSES AND GOGGLES
36410	SUN LAMP BULBS
25112	SUN ROOM FURNITURE, EXCEPT UPHOLSTERED, WOOD, PAINTED OR FINISHED
23690	SUN SUITS, CHILDREN'S AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22533	SUN SUITS, GIRLS', CHILDREN'S, AND INFANTS' MADE FROM YARNS OF FABRICS KNIT IN THE SAME ESTABLISHMENT
32316	SUNGLASS LENSES, NONPRESCRIPTION FROM PURCHASED GLASS
28445	SUNTAN LOTIONS
28711	SUPERPHOSPHATE AND OTHER PHOSPHATIC FERTILIZERS
28711	SUPERPHOSPHATE, NORMAL AND ENRICHED, CONCENTRATED AND DEFLUORINATED
28430	SURFACE ACTIVE AND FINISHING AGENTS
26452	SURFACE-COATED PAPERBOARD
36311	SURFACE COOKING TOPS, ELECTRIC FOR HOUSEHOLD
38410	SURGICAL AND MEDICAL INSTRUMENTS AND APPARATUS
38421	SURGICAL CORSETS
38421	SURGICAL DRESSING, INCLUDING ADHESIVE PLASTER, GAUZE, COTTON SPONGES, COMPRESSES AND PADS
38421	SURGICAL, ORTHOPEDIC, PROSTHETIC APPLIANCES AND SUPPLIES
38113	SURVEYING AND DRAFTING INSTRUMENTS
23890	SUSPENDERS
38421	SUTURE MATERIAL, SURGICAL
23961	SWEAT BANDS FOR HATS
23612	SWEATSHIRTS, GIRLS', CHILDREN'S, AND INFANTS', MADE FROM PURCHASED KNIT FABRIC
22532	SWEATSHIRTS, KNIT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23212	SWEATSHIRTS, MEN'S AND BOYS', MADE FROM PURCHASED KNIT FABRICS
23312	SWEATSHIRTS, WOMEN'S, MISSES', AND JUNIORS', MADE FROM PURCHASED KNIT FABRIC
22562	SWEATER FABRICS CIRCULAR KNIT AND FINISHED IN A KNIT FABRIC MILL
22531	SWEATERS AND SWEATER BOTTOMS, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
23699	SWEATERS, GIRLS' AND CHILDREN'S--COMMISSION RECEIPTS
23690	SWEATERS, GIRLS', CHILDREN'S, AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRICS
23292	SWEATERS, MEN'S AND BOYS', MADE FROM PURCHASED KNIT FABRICS
23393	SWEATERS, WOMEN'S AND MISSES', MADE FROM PURCHASED KNIT FABRIC
35319	SWEEPERS, MOTOR, PICK-UP
20332	SWEET CORN, WHOLE KERNEL AND CREAM STYLE, CANNED
20332	SWEET POTATOES, CANNED
20512	SWEET ROLLS, YEAST, RAISED
20512	SWEET YEAST GOODS-SWEET ROLLS AND COFFEE CAKE ETC.
20993	SWEETENING SIRUPS, AND MOLASSES NOT MADE IN SUGAR REFINERIES
23690	SWIMWEAR, GIRLS', CHILDREN'S, AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23699	SWIMWEAR, GIRLS' AND CHILDREN'S,--COMMISSION RECEIPTS
22533	SWIMWEAR, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
22217	SWIMWEAR MADE OF ELASTIC CORE YARN (RUBBER OR SPANDEX), 100% SPUN YARN FABRICS
23292	SWIMWEAR, MEN'S, YOUTHS', AND BOYS' MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23393	SWIMWEAR, WOMEN'S, MISSES', AND JUNIORS'
25143	SWINGS, METAL OUTDOORS
25117	SWINGS, WOOD, OUTDOOR FURNITURE
23392	SWIRLS, WOMEN'S AND MISSES' WASHABLE SERVICE APPAREL
23951	SWISS LOOM PRODUCTS
36442	SWITCH AND OUTLET WALL PLATES
38711	SWITCH CLOCKS AND TIMERS, COMPLETE
24911	SWITCH TIES, RAILWAY, WOOD OWNED AND TREATED BY THIS ESTABLISHMENT
36443	SWITCH BOXES, NONCURRENT-CARRYING
33574	SWITCHBOARD WIRE AND CABLE PRODUCED IN WIREDRAWING PLANT
36611	SWITCHBOARDS, TELEPHONE, CENTRAL OFFICE, PBX, TRUNK, AND TOLL
36133	SWITCHES, 750 VOLTS AND UNDER, EXCEPT ONES COMMONLY KNOWN AS SNAP, TOGGLE, ROTARY, AND THOSE INTENDED FOR USE WITH ELECTRIC MOTORS
36945	SWITCHES DESIGNED FOR USE IN VEHICLES AND AIRCRAFTS
36430	SWITCHES, ELECTRIC, EXCEPT KNIFE, TIME, SOLENOID, AUTOMOBILE
36795	SWITCHES, RADIO BAND-WAVE
36131	SWITCHGEAR, INCLUDING POWER SWITCHGEAR ASSEMBLIES AND POWER CIRCUIT BREAKER
36215	SYNCHROS, FRACTIONAL AND INTEGRAL HORSEPOWER (EXCEPT PARTS AND SUPPLIES)
28191	SYNTHETIC AMMONIA, NITRIC ACID, AND AMMONIUM COMPOUNDS
28184	SYNTHETIC ORGANIC AGRICULTURE CHEMICALS AND PESTICIDES, NOT FORMULATED
28416	SYNTHETIC ORGANIC DETERGENT, BULK, DRY, LIQUID, OR SCOURING CLEANERS
28415	SYNTHETIC ORGANIC DETERGENTS, HOUSEHOLD DRY, LIQUID OR SCOURING CLEANERS
28152	SYNTHETIC ORGANIC DYES
28153	SYNTHETIC ORGANIC PIGMENTS, LAKES, TONERS
28215	SYNTHETIC RESIN ADHESIVES FROM RESINS PRODUCED IN THIS ESTABLISHMENT
28216	SYNTHETIC RESINS FOR PROTECTIVE COATINGS
29116	SYNTHETIC RUBBER COMPONENTS FROM PETROLEUM
28220	SYNTHETIC RUBBER, VULCANIZABLE ELASTOMERS
30697	SYRINGES, FOUNTAIN, RUBBER
36623	SYSTEMS, RAILWAY SIGNALS
28921	T.N.T. INDUSTRIAL
25311	TABLE, ARM CHAIR (SCHOOL FURNITURE)
34211	TABLE CUTLERY, INCLUDING KNIVES, FORKS AND SPOONS
22116	TABLE DAMASK CLOTHS, COVERS AND NAPKINS, COTTON (GRAY GOODS)
32291	TABLE GLASSWARE FROM GLASS PRODUCED IN SAME ESTABLISHMENT
32316	TABLE GLASSWARE FROM PURCHASED GLASS
26472	TABLE NAPKINS, PAPER
39493	TABLE TENNIS EQUIPMENT, INCLUDING BALLS, RACKETS, ETC.
22920	TABLECLOTHS, LACE
26543	TABLECLOTHS, PAPER
23920	TABLECLOTHS, TABLE COVERS, SETS, ETC. EXCEPT LACE MADE FROM PURCHASED FABRIC
25117	TABLES, AND TABLE SETS, WOOD OUTDOOR FURNITURE
25116	TABLES, CHILDREN'S, WOOD, PAINTED OR FINISHED
25113	TABLES, DINING ROOM AND KITCHEN, WOOD, PAINTED OR FINISHED
25144	TABLES, INFANTS' METAL
25420	TABLES, METAL, FOR SHOW AND DISPLAY
25141	TABLES, METAL, HOUSEHOLD DINING, DINETTE, AND BREAKFAST
25142	TABLES, METAL KITCHEN FURNITURE, INCLUDING HOSTESS CARTS
25224	TABLES, METAL, OFFICE
25143	TABLES, METAL OUTDOOR FURNITURE
25990	TABLES, RESTAURANT
25311	TABLES, SCHOOL
25210	TABLES, WOOD, OFFICE FURNITURE
25112	TABLES, WOOD, PAINTED OR FINISHED, EXCEPT CARD AND TELEPHONE
25410	TABLES, WOOD, STORE AND OFFICE
25117	TABLES, WOOD, UNPAINTED
25410	TABLETOPS, LAMINATED WOOD
26491	TABLETS, PAPER, FOR CORRESPONDENCE, BOOK OR NEWSPRINT
32630	TABLEWARE, FINE EARTHENWARE, HOUSEHOLD, AND COMMERCIAL
32291	TABLEWARE, GLASS, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	TABLEWARE, GLASS, FROM PURCHASED GLASS
30797	TABLEWARE, PLASTICS
32620	TABLEWARE, VITREOUS CHINA
27612	TABULATING CARDS, UNIT SET FORMS
26215	TABULATING INDEX, BLEACHED BRISTOLS
36624	TACAN
38112	TACHISTOSCOPES
33992	TACKS, NONFERROUS, PRIMARY
33152	TACKS, STEEL (WIRE AND CUT)
22212	TAFFETAS, NYLON OR CHIEFLY NYLON FABRICS (GRAY GOODS), 100% FILAMENT
22211	TAFFETAS, RAYON AND/OR ACETATE, 100% FILAMENT RAYON AND/OR ACETATE FABRICS (GRAY GOODS)
26215	TAG AND FILE FOLDER, BLEACHED BRISTOLS
23990	TAGS, CLOTH, FROM PURCHASED FABRIC
27526	TAGS, PAPER, PRINTED BY LITHOGRAPHIC PROCESS
27516	TAGS, PAPER, PRINTED BY LETTERPRESS, INCLUDING EMBOSSED
26495	TAGS, PAPER, UNPRINTED
23114	TAILORED SPORT COATS AND JACKETS, BOYS'
34211	TAILORING SHEARS
28612	TALL OIL (DISTINGUISH FROM TALL OIL FATTY ACIDS)
28992	TALL OIL, FATTY ACIDS ONLY (DISTINGUISH FROM TALL OIL)
32950	TALC, GROUND
20110	TALLOW, EDIBLE
20941	TALLOW, INEDIBLE
35319	TAMPERS, AIR TOOL
19110	TAMPIONS, FOR GUNS OVER 30 MM. (OR OVER 1.18 INCHES)
26471	TAMPONS
37130	TANK BODIES, MOTOR VEHICLE, SOLD SEPARATELY
35197	TANK ENGINES AND CONVERTED ENGINES, INTERNAL COMBUSTION
37150	TANK TYPE TRAILERS
20942	TANKAGE, GARBAGE
37313	TANKERS, SELF-PROPELLED, NONMILITARY, NEW CONSTRUCTION
34435	TANKS, AIR RECEIVERS, METAL PRESSURE, STANDARD LINE
19310	TANKS AND COMPONENTS
34439	TANKS AND VESSELS, METAL, CUSTOM FABRICATED AND FIELD ERECTED
34438	TANKS AND VESSELS, METAL, CUSTOM FABRICATED AT THE FACTORY
34336	TANKS FOR WATER HEATERS
34437	TANKS, METAL, NONPRESSURE STORAGE, STANDARD
34439	TANKS, PETROLEUM BULK STORAGE, METAL, CUSTOM FABRICATED AND FIELD ERECTED
34435	TANKS, STEEL, STAINLESS STEEL AND ALUMINUM, PRESSURE, STANDARD LINE
32722	TANKS, STORAGE, CONCRETE PRECAST
34439	TANKS, WATER BULK STORAGE, METAL, CUSTOM FABRICATED AND FIELD ERECTED (INCLUDING ELEVATED)
24450	TANKS, WOOD, COOPERED
24995	TANKS, WOOD, EXCEPT COOPERED
28185	TANNIC ACID
28612	TANNING MATERIALS, NATURAL
31119	TANNING AND FINISHING OF LEATHER, CONTRACT AND COMMISSION WORK ONLY
28181	TANNING MATERIALS, SYNTHETIC, ORGANIC
36795	TAPE AND WIRE, RECORDING, MAGNETIC
39642	TAPE FASTENERS (HOOK, EYE AND SNAP)
26414	TAPE, PRESSURE SENSITIVE, SINGLE AND DOUBLE FACED
30695	TAPE, RUBBER PRESSURE SENSITIVE INCLUDING FRICTION
35622	TAPER ROLLER BEARINGS
39994	TAPERS AND CANDLES
26414	TAPES, CELLOPHANE
26413	TAPES, GUMMED
22411	TAPES, INSULATING, ELECTRIC, WOVEN
26414	TAPES (INCLUDING ADHESIVE), PRESSURE SENSITIVE, EXCEPT RUBBER OR SURGICAL
26495	TAPES, PAPER INCLUDING TELETYPE
36520	TAPES, PRERECORDED MAGNETIC
22414	TAPES, TIE, BRAIDED
22411	TAPES, WOVEN INCLUDING VULCANIZING TAPES
22116	TAPESTRY FABRICS, JACQUARD (GRAY GOODS)
22211	TAPESTRY FABRICS, 100% FILAMENT RAYON AND/OR ACETATE (GRAY GOODS)
20460	TAPIOCA, CORN BYPRODUCT
31310	TAPS FOR SHOES
28155	TAR, COAL
28151	TAR, COAL, CYCLIC
29522	TAR COATING, CEMENTS, PITCHES, ROOFING
33121	TAR, CRUDE, COKE OVEN BYPRODUCTS
28155	TAR CRUDES, CYCLIC
29510	TAR PAVING MATERIALS
29521	TAR SATURATED FELTS AND BOARDS FOR NONBUILDING USE
34990	TARGET DRONES FOR USE BY SHIPS, UNDERWATER AND ABOVE WATER, METAL
20354	TARTAR SAUCE
28185	TARTARIC ACID
28182	TARTARIC ACID, SALTS, SYNTHETIC NONMEDICINAL-CYCLIC
23940	TARPAULINS, CANVAS, MADE FROM PURCHASED FABRIC, INCLUDING COATED FABRIC
27412	TAX REGULATIONS PUBLISHED FOR BUSINESS
37111	TAXI CABS, COMPLETE VEHICLES, KNOCKED-DOWN OR ASSEMBLED
20999	TEA, PACKAGED
27313	TECHNICAL BOOKS
38430	TEETH, EXCEPT DENTURES, ARTIFICIAL
34233	TELEGRAPH SPOONS, HANDTOOLS
36612	TELEGRAPH SWITCHING EQUIPMENT AND CARRIER SYSTEMS
33574	TELEGRAPH WIRE AND CABLE (COMMUNICATION)

Code	Product
36626	TELEMETERING EQUIPMENT, ELECTRONIC
36612	TELEPHONE AND TELEGRAPH (WIRE) APPARATUS AND EQUIPMENT INCLUDING COMPONENTS
36611	TELEPHONE APPARATUS AND EQUIPMENT
25420	TELEPHONE BOOTHS, METAL
25410	TELEPHONE BOOTHS, WOOD
33574	TELEPHONE CABLE PRODUCED IN WIREDRAWING ESTABLISHMENT
36612	TELEPHONE CARRIER AND REPEATER EQUIPMENT
36611	TELEPHONE, DIAL AUTOMATIC SWITCHING EQUIPMENT INCLUDING ELECTRONIC
36612	TELEPHONE INSTRUMENT SETS
36611	TELEPHONE SWITCHING AND SWITCHBOARD EQUIPMENT
25112	TELEPHONE TABLES AND CHAIRS, WOOD, FINISHED AND PAINTED
36612	TELEPRINTER UNITS
38311	TELESCOPES
38312	TELESCOPES FOR SIGHTING AND FIRE CONTROL, ELBOW, PANORAMIC, PRODUCED AT SAME PLANT
36622	TELEVISION AND RADIO BROADCAST EQUIPMENT, AND CLOSED CIRCUIT SYSTEMS
36795	TELEVISION AND RADIO RECEIVING ANTENNAS
36795	TELEVISION BOOSTERS AND CONVERTERS
25111	TELEVISION CABINETS, WOOD, PAINTED OR FINISHED
36512	TELEVISION COMBINATION SETS
36720	TELEVISION PICTURE TUBES, CATHODE RAY ONLY, INCLUDING REBUILT
36512	TELEVISION RECEIVERS, HOUSEHOLD
36794	TELEVISION TRANSFORMERS AND REACTORS
32292	TELEVISION TUBE BLANKS AND PARTS FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
38220	TEMPERATURE CONTROLS, AUTOMATIC
38213	TEMPERATURE INSTRUMENTS
32114	TEMPERED GLASS, FLAT GLASS, MADE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
35512	TENDERIZERS, FOOD, COMMERCIAL
20999	TENDERIZERS, MEAT
39493	TENNIS BALLS AND RACKETS
23612	TENNIS SHIRTS, GIRLS', CHILDREN'S, AND INFANTS', MADE FROM PURCHASED KNIT FABRIC
22532	TENNIS SHIRTS, KNIT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23212	TENNIS SHIRTS, MEN'S AND BOYS', MADE FROM PURCHASED KNIT FABRICS
23312	TENNIS SHIRTS, WOMEN'S, MISSES', AND JUNIORS', MADE FROM PURCHASED KNIT FABRIC
23940	TENTS, CANVAS, MADE FROM PURCHASED FABRICS
36430	TERMINALS AND CONNECTORS FOR ELECTRIC DEVICES
28421	TERMITE PREPARATIONS
33123	TERNEPLATE, TINPLATE, BLACKPLATE, AND OTHER TIN MILL PRODUCTS
28213	TERPOLYMER RESINS, THERMOPLASTIC
32592	TERRA COTTA PIPE
22114	TERRY AND TURKISH CLOTH, COTTON, COLORED, YARN FABRIC, (GRAY GOODS)
22119	TERRY CLOTH TOWELING SOLD BY THE YARD, COTTON, MADE IN BROADWOVEN FABRIC MILL
23929	TERRY CLOTH TOWELS AND WASHCLOTHS MADE FROM PURCHASED FABRIC
22119	TERRY CLOTH TOWELS AND WASHCLOTHS MADE IN BROADWOVEN FABRIC MILLS
36112	TEST EQUIPMENT FOR TESTING ELECTRICAL, RADIO, COMMUNICATION CIRCUITS, AND MOTORS
27314	TESTAMENTS, RELIGIOUS
38213	TESTING INSTRUMENTS AND EQUIPMENT
28182	TETRA ETHYL LEAD
28331	TETRACYCLINE, BULK, SYNTHETIC
27311	TEXTBOOKS, HARD OR PAPER BOUND, PRINTING AND PUBLISHING
23930	TEXTILE BAGS, EXCEPT LAUNDRY, SHOE AND WARDROBE, FROM PURCHASED FABRIC OF COTTON (CANVAS OR OPEN MESH), BURLAP, SPUN PAPER AND OTHER FIBER FABRICS
23920	TEXTILE BAGS, LAUNDRY AND WARDROBE
28181	TEXTILE CHEMICALS, CYCLIC, OTHER THAN SURFACE ACTIVE AGENTS
35521	TEXTILE MACHINERY, FIBER-TO-FABRIC, YARN PREPARING, FABRIC, BLEACHING, DYEING, AND FINISHING MACHINERY
35522	TEXTILE MACHINERY, PARTS AND ATTACHMENTS
24262	TEXTILE MACHINERY STOCK, DIMENSION HARDWOOD
28930	TEXTILE PRINTING INKS
32927	TEXTILES, ASBESTOS
22824	TEXTURED YARNS, INCLUDING STRETCH YARNS
36622	THEATER SOUND EQUIPMENT
36622	THEATER TELEVISION EQUIPMENT
25312	THEATRE AND AUDITORIUM CHAIRS AND SEATS, FIXED, PORTABLE FOLDING CHAIRS, SINGLE OR GANGED
22114	THERMAL BLANKETING, GRAY GOODS, MADE IN BROADWOVEN FABRIC MILLS
22217	THERMAL BLANKETING, WHOLLY OR CHIEFLY SPUN ACRYLIC AND MODACRYLIC, 100% SPUN YARN, GRAY GOODS, MADE IN BROADWOVEN FABRIC MILLS
36293	THERMIC GENERATORS
38213	THERMOCOUPLES
38220	THERMOCOUPLES, VACUUM, GLASS
38213	THERMOMETERS AND PYROMETERS
28213	THERMOPLASTIC RESINS, EXCEPT RESINS FOR PROTECTIVE COATING
28214	THERMOSETTING RESINS, EXCEPT RESINS FOR PROTECTIVE COATING
38220	THERMOSTATS
26216	THIN PAPER
24996	THINBOARD, HARD PRESSED WOOD, FIBERBOARD
28519	THINNERS FOR DOPES, LACQUERS, ETC.
22842	THREAD, COTTON OR SILK, FOR INDUSTRIAL USE
22842	THREAD, FINISHED FOR INDUSTRIAL OR MANUFACTURERS' USE (EXCLUDING CORDAGE PRODUCTS AND FLAX)
22843	THREAD, (EXCEPT FLAX) UNFINISHED, SHIPPED OR TRANSFERRED TO OTHER PLANTS FOR FINISHING
22841	THREAD, FINISHED, FOR USE IN THE HOME (EXCEPT FLAX, WOOL OR WOOLBASED FIBERS DESIGNED FOR HAND-KNITTING)
22992	THREAD, LINEN
22992	THREAD, LINEN (FLAX), EXCLUDING JACQUARD THREAD OR JACQUARD TWINE
22841	THREAD OF MANMADE FIBER, FINISHED FOR USE IN THE HOME
22842	THREAD OF MANMADE FIBER FOR INDUSTRIAL USE
35423	THREAD ROLLING MACHINERY, FOR METAL-FORMING
30698	THREAD, RUBBER, BARE
22415	THREAD, RUBBER, FABRIC COVERED
35451	THREADING TOOLS AND DIES, SMALL CUTTING TOOLS
24262	THRESHOLD DIMENSION STOCK, HARDWOOD
22829	THROWING OF YARN AND FILAMENT YARNS, EXCEPT WOOL (COMMISSION RECEIPTS)
22823	THROWN FILAMENT YARNS, EXCEPT TEXTURED
35623	THRUST ROLLER BEARINGS
28341	THYROID AND THYROID COMBINATIONS, PHARMACEUTICAL FOR HUMAN USE
27516	TICKETS PRINTED BY LETTERPRESS, INCLUDING TRANSPORTATION AND AMUSEMENT
27526	TICKETS PRINTED BY LITHOGRAPHIC, INCLUDING TRANSPORTATION AND AMUSEMENT
22114	TICKINGS, BED WOVEN, COTTON (GRAY GOODS)
39111	TIE AND SCARF PINS AND CLIPS OF PLATINUM AND CARAT GOLD
39112	TIE AND SCARF PINS AND CLIPS OF PRECIOUS METALS, EXCEPT PLATINUM AND CARAT GOLD
22217	TIE FABRICS, EXCEPT SILK, 100% SPUN YARN, GRAY GOODS, MADE IN BROADWOVEN FABRIC MILLS
22211	TIE FABRICS, 100% FILAMENT RAYON AND/OR ACETATE (GRAY GOODS)
22414	TIE TAPES, BRAIDED
24110	TIES, WOOD, HEWN, SUCH AS CROSSTIES, MINE TIES, ETC. MADE IN A LOGGING CAMP
24211	TIES, WOOD, SAWED, SUCH AS CROSSTIES, MINE TIES, ETC.
22511	TIGHTS FINISHED, FULL-FASHIONED, FOR WOMEN AND MISSES, NYLON AND ALL OTHER YARNS AND MIXTURES
22514	TIGHTS, FULL-FASHIONED FOR WOMEN AND MISSES, ALL FIBERS, SHIPPED IN THE GREIGE
22513	TIGHTS, SEAMLESS, FINISHED, FOR WOMEN AND MISSES, COTTON, MIXTURES OR NYLON
22515	TIGHTS, SEAMLESS, FOR WOMEN AND MISSES, ALL FIBERS, SHIPPED IN THE GREIGE
26611	TILE, ACOUSTICAL
32512	TILE AND BRICK, CERAMIC GLAZED FACING
32530	TILE, CERAMIC WALL AND FLOOR
32925	TILE, FLOOR, ASPHALT
32926	TILE, FLOOR, VINYL ASBESTOS
30694	TILE, FLOORING RUBBER
32530	TILE, GLAZED, FOR FLOOR AND WALL
32723	TILE, MADE OUT OF PRESTRESSED CONCRETE
32592	TILE, ROOFING, CLAY
32512	TILE, SILO
32512	TILE, UNGLAZED AND SALT GLAZED
35228	TILLERS, MOTOR, AND GARDEN TRACTORS INCLUDING ATTACHMENTS
24430	TILLS, VENEER AND PLYWOOD
24331	TIMBERS, HEAVY DECKING, FABRICATED OR LAMINATED
24110	TIMBERS, MINE, HEWN OR ROUND
35791	TIME RECORDING AND STAMPING MACHINES
26451	TIME RECORDING CARDS, DIE-CUT
38711	TIME STAMP MACHINES, ELECTRIC AND SPRING WOUND, COMPLETE
36133	TIME SWITCHES
36220	TIMING DEVICES, ELECTRONIC
35484	TIMING LIGHT, AUTOMOTIVE MOTOR ANALYZERS
38711	TIMING MECHANISMS, ELECTRIC AND SPRING WOUND, COMPLETE
28199	TIN COMPOUNDS
33123	TIN MILL PRODUCTS
33416	TIN, UNALLOYED, SECONDARY REFINING AND SMELTING
33397	TIN, UNALLOYED, SMELTED OR REFINED, PRIMARY
34970	TINFOIL
34211	TINNERS SNIPS
33123	TINPLATE, BLACKPLATE, TERNEPLATE AND OTHER TIN MILL PRODUCTS
32111	TINTED OR COLORED GLASS, SHEET
28514	TINTING BASES FOR INTERIOR WATER-TYPE PAINT, INTERIOR, TRADE SALES
28512	TINTING BASES FOR WATER TYPE PAINT EXTERIORS, TRADE SALES
28993	TINTS AND DYES, HOUSEHOLD
34615	TINWARE, STAMPED AND SPUN, HOSPITAL UTENSILS, COOKING AND KITCHEN HOUSEHOLD UTENSILS
23961	TIP PRINTING AND STAMPING ON FABRICS, MEN'S AND BOYS'
35594	TIRE-BUILDING EQUIPMENT (EXCEPT MOLDS, RUBBER-WORKING MACHINERY)
33159	TIRE CHAINS, WIRE, FERROUS, MADE IN WIREDRAWING PLANT
34819	TIRE CHAINS, WIRE, FERROUS, NOT PRODUCED BY WIREDRAWERS
35484	TIRE CHANGING MACHINE, AUTOMOTIVE
22960	TIRE CORD, COTTON OR MANMADE FIBER
22811	TIRE CORD YARNS, CARDED COTTON
22960	TIRE FABRICS, COTTON OR MANMADE FIBER
30115	TIRE FLAPS
38216	TIRE GAUGES
35442	TIRE MOLDS, MADE OF METAL
35594	TIRE RECAPPING AND REPAIRING MACHINERY INCLUDING RECAPPING VULCANIZERS
30115	TIRE REPAIR MATERIALS
35991	TIRE VALVES
30113	TIRES, AIRPLANE, PNEUMATIC
30113	TIRES AND CASINGS, BICYCLE
30111	TIRES, PNEUMATIC FOR AUTOMOBILE AND MOTORCYCLES (CASINGS)
30113	TIRES, PNEUMATIC, OTHER THAN PASSENGER CARD, MOTORCYCLE, BUS, TRACK, AND OFF-THE-HIGHWAY TYPES
30113	TIRES, SEMIPNEUMATIC
30113	TIRES, SOLID
30113	TIRES, TRACTOR AND IMPLEMENT (PNEUMATIC AND SOLID)
30112	TIRES, TRUCK AND BUS AND OFF-THE-ROAD, PNEUMATIC
26210	TISSUE PAPER, STOCK
26472	TISSUES, FACIAL, PAPER
32640	TITANATE PORCELAIN INSULATORS
28199	TITANIUM COMPOUNDS, INORGANIC CHEMICALS
33920	TITANIUM FORGINGS
33560	TITANIUM, INGOT, BILLET, SHEET PLATE, TUBING, BAR, ROLLED, DRAWN AND EXTRUDED NONFERROUS METAL MILL
28161	TITANIUM PIGMENTS
33416	TITANIUM SPONGE, UNALLOYED, SECONDARY SMELTING AND REFINING
33397	TITANIUM SPONGE, UNALLOYED, SMELTED OR REFINED, PRIMARY
35891	TOASTERS, COMMERCIAL
36343	TOASTERS, ELECTRIC, AUTOMATIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
21310	TOBACCO (CHEWING AND SMOKING ONLY)
22113	TOBACCO CLOTHS, COTTON (GRAY GOODS)
24218	TOBACCO, HOGSHEAD STOCK, WOOD
35595	TOBACCO MANUFACTURING MACHINERY AND EQUIPMENT
21411	TOBACCO, REDRIED BEFORE PACKING
21412	TOBACCO, STEMMED (LEAF)
28712	TOBACCO STEMS GROUND FOR FERTILIZER PRODUCED IN SAME ESTABLISHMENT
39493	TOBOGGANS AND BOBSLEDS
20714	TOFFEES, BULK CANDY
28423	TOILET BOWL CLEANER AND DRAIN PIPE SOLVENTS
24315	TOILET DOORS, WOOD
32610	TOILET FIXTURES, VITREOUS CHINA
26472	TOILET PAPER, ROLLS, INTERFOLDED OR FLAT
25420	TOILET PARTITIONS, METAL

Code	Product
35540	TOILET ROLL AND NAPKIN MAKING MACHINES
24995	TOILET SEATS, PLASTIC, SOLID, CORED HOLLOW OR SHELL
24995	TOILET SEATS, WOOD
26210	TOILET TISSUE, STOCK
28442	TOILET WATER, PERFUMES, COLOGNES
39141	TOILETWARE, SILVER, HOLLOW WARE
20335	TOMATO JUICE, INCLUDING COMBINATIONS CONTAINING 70% OR MORE TOMATO JUICE
20336	TOMATO PASTE, PULP AND PUREE
20336	TOMATO SAUCES, EXCEPT CATSUP AND CHILI SAUCE, PULP, PUREE, OR PASTE
20336	TOMATO SAUCES, INCLUDING CATSUP (KETCHUP)
20332	TOMATOES, CANNED
28153	TONERS, SYNTHETIC, ORGANIC, PIGMENTS
24995	TONGUE DEPRESSORS, WOODEN
28349	TONICS AND NUTRIENTS, VETERINARY, PHARMACEUTICAL
28443	TONICS, HAIR
28347	TONICS, PHARMACEUTICAL, FOR HUMAN USE
33124	TOOL STEEL BARS
34232	TOOLS, EDGE
35453	TOOLS FOR SCREW AND AUTOMATIC MACHINES
35482	TOOLS, HAND, POWER-DRIVEN, PARTS AND ATTACHMENTS
34231	TOOLS, MECHANICS HAND SERVICE
35441	TOOLS, SPECIAL DESIGN, METALWORKING
34492	TOOLSHEDS, STEEL AND ALUMINUM, PREFABRICATED AND PORTABLE
39913	TOOTHBRUSHES
36343	TOOTHBRUSHES, ELECTRIC (EXCEPT PARTS AND ATTACHMENTS)
28444	TOOTH CLEANERS, LIQUID, PASTE AND POWDER
28444	TOOTH POWDER
28444	TOOTHPASTE
24995	TOOTHPICKS, WOODEN
23114	TOPCOATS, BOYS'
23112	TOPCOATS, MEN'S, INCLUDING UNIFORM
23371	TOPCOATS, WOMEN'S AND MISSES'
20262	TOPPING, WHIPPED, PACKAGED IN THIS PLANT WITH A BUTTER FAT BASE
32592	TOPS AND THIMBLES, STRUCTURAL CLAY PRODUCTS
37141	TOPS, CONVERTIBLE, FOR AUTOMOBILES
25410	TOPS, LAMINATED WOOD, FOR SINK, TABLE, COUNTERS AND OFFICE AND STORE FIXTURES
22970	TOPS, WOOL FIBER
22311	TOPS, WOOL, FINISHED, NOT COMBED OR SPUN AT SAME ESTABLISHMENT PRODUCED IN A BROADWOVEN FABRIC MILL
22315	TOPS, WOOL, NOT COMBED OR SPUN, AT SAME ESTABLISHMENT, COMMISSION RECEIPTS FOR FINISHING
22831	TOPS, WOOL, PRODUCED IN YARN MILLS
36231	TORCHES, ARC-WELDING EXCEPT ELECTRODES
19990	TORPEDO TUBES AND PARTS
19293	TORPEDOES AND PARTS
20994	TORULE
39999	TOUPEES AND WIGS
22114	TOWELING FABRICS, COTTON, INCLUDING DAMASK, HUSK, JACQUARD, ETC. (GRAY GOODS)
26210	TOWELING, PAPER, STOCK
22561	TOWELING, WARP KNIT AND FINISHED IN A KNIT FABRIC MILL
23929	TOWELS, COTTON, INCLUDING DISHCLOTHS MADE FROM PURCHASED FABRIC
22119	TOWELS, COTTON INCLUDING DISHCLOTHS, MADE IN BROADWOVEN FABRIC MILLS
22590	TOWELS, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
26472	TOWELS, PAPER, HOUSEHOLD AND INDUSTRIAL
28313	TOXINS, BACTERIAL AND MODIFIED
39420	TOY ANIMALS, DOLLS, AND PUPPETS
39410	TOY MUSICAL INSTRUMENTS
39410	TOY TRAINS AND EQUIPMENT
39410	TOYS AND GAMES, EXCEPT DOLLS AND CHILDREN'S VEHICLES
36211	TOY MOTORS, INCLUDING ADVERTISING DISPLAYS
39410	TOYS MECHANICALLY POWERED BY BATTERY SPRINGS AND FRICTION MOTORS
30698	TOYS, RUBBER
33152	TRACK SPIKES, STEEL
35317	TRACKLAYING TRACTOR SHOVEL LOADERS
35312	TRACKLAYING TRACTORS
22115	TRACING CLOTH, FINE COTTON GOODS (GRAY GOODS)
30113	TRACTOR AND IMPLEMENT PNEUMATIC AND SOLID TIRES
35317	TRACTOR-SHOVEL LOADERS, INTEGRAL, WHEEL AND TRACK-LAYING, EXCEPT PARTS
35311	TRACTORS, CONTRACTORS OFF-HIGHWAY, WHEEL, EXCEPT PARTS AND ATTACHMENTS
35228	TRACTORS, GARDEN, AND MOTOR TILLERS, INCLUDING ATTACHMENTS
35313	TRACTORS, TRACKLAYING AND CONTRACTORS OFF-HIGHWAY WHEEL TRACTORS, PARTS AND ATTACHMENTS
35312	TRACTORS, TRACKLAYING-TYPE EXCEPT PARTS AND ATTACHMENTS
35370	TRACTORS, TRUCKS, TRAILERS, AND STACKERS, FOR INDUSTRIAL USE
35221	TRACTORS-WHEEL-AND ATTACHMENTS (EXCEPT CONTRACTORS' OFF-HIGHWAY-TYPE, GARDEN TRACTORS AND MOTOR TILLERS)
27315	TRADE BOOKS
27518	TRADING STAMPS, GRAVURE PRINTED
27516	TRADING STAMPS PRINTED BY LETTERPRESS
27526	TRADING STAMPS, PRINTED BY LITHOGRAPHIC PROCESS
28511	TRAFFIC PAINTS (ALL TYPES, SHELF GOODS AND HIGHWAY DEPARTMENTS)
36623	TRAFFIC SIGNAL HEADS, VEHICULAR AND PEDESTRIAN, INCLUDING PARTS AND ACCESSORIES
36623	TRAFFIC SIGNALS, STREET, ELECTRIC
37910	TRAILER COACHES, HOUSING TYPE
35318	TRAILERS AND WAGONS, OFF-HIGHWAY-TYPE, CONSTRUCTION
37991	TRAILERS, AUTOMOTIVE, EXCEPT HOUSE TRAILERS
37992	TRAILERS, BOAT
37991	TRAILERS, CAMPING AND TRAVEL, EXCEPT HOUSING TYPE COACHES, COMPLETE UNITS
37150	TRAILERS, MOTOR TRUCK
35370	TRAILERS, TRUCKS, TRACTORS AND STACKERS FOR INDUSTRIAL USE
23412	TRAINING PANTS AND UNDERWEAR, INFANTS' AND TODDLERS' FROM WOVEN OR PURCHASED KNIT FABRIC
22542	TRAINING PANTS, INFANTS' AND TODDLERS', KNIT IN THE SAME ESTABLISHMENT
39410	TRAINS (TOY) AND EQUIPMENT (MECHANICAL AND ELECTRIC)
28342	TRANQUILIZERS, PSYCHOTHERAPEUTIC AGENTS
28331	TRANQUILIZERS, SYNTHETIC BULK
28349	TRANQUILIZERS, VETERINARY, PHARMACEUTICAL
35791	TRANSCRIBING MACHINES
36795	TRANSDUCERS, ELECTRONIC
36231	TRANSFORMER, ARC-WELDER A.C. EXCEPT ELECTRODE
29920	TRANSFORMER OILS, MADE FROM PURCHASED MATERIALS
29117	TRANSFORMER OILS, MADE IN REFINERIES
36794	TRANSFORMERS, COILS, REACTORS, CHOKES FOR ELECTRONIC APPLICATION
36121	TRANSFORMERS, NATURAL-DRAFT DRY TYPE, SPECIALTY, IGNITION, LIGHTING, FLUORESCENT LAMP BALLASTS
36122	TRANSFORMERS, POWER AND DISTRIBUTION
36233	TRANSFORMERS, RESISTANCE WELDING
36742	TRANSISTORS
36441	TRANSMISSION AND POLE LINE HARDWARE NONCURRENT CARRYING DEVICES
22411	TRANSMISSION BELTING, WOVEN NARROW FABRIC
30691	TRANSMISSION BELTS, RUBBER
35662	TRANSMISSION EQUIPMENT, MECHANICAL POWER EXCEPT AUTOMOBILE, AIRCRAFT, AND MARINE
36621	TRANSMITTERS AND RADIO FREQUENCY POWER AMPLIFIERS FOR COMMERCIAL, INDUSTRIAL, MILITARY COMMUNICATION, EXCEPT BROADCAST EQUIPMENT
36622	TRANSMITTERS, R.F. POWER AMPLIFIER AND RELATED EQUIPMENT
36730	TRANSMITTING, INDUSTRIAL AND SPECIAL PURPOSE ELECTRON TUBES, EXCEPT X-RAY
34291	TRANSPORTATION EQUIPMENT HARDWARE
37312	TRANSPORTS, MILITARY, STEEL, SELF-PROPELLED, NEW CONSTRUCTION
34320	TRAPS P AND S PLUMBING, BRASS GOODS
36343	TRAVEL IRONS, ELECTRIC (EXCEPT PARTS AND ATTACHMENTS)
31720	TRAVEL KITS, MEN'S
35316	TRAVELING MIXERS, CONCRETE AND ASPHALT
23920	TRAY CLOTHS, EXCEPT LACE, MADE FROM PURCHASED FABRIC
26472	TRAY COVERS, PAPER
26495	TRAY DOILIES AND COVERS, PAPER
25990	TRAY STANDS, RESTAURANT
25144	TRAY TABLES, METAL FOLDING
26462	TRAYS AND BOARDS FOR PREPACKAGING OF MEAT AND PRODUCE, PRESSED AND MOLDED PULP GOODS
30798	TRAYS, PLASTICS, FOR FOOD, ICE, ETC.
24262	TREAD DIMENSION STOCK, HARDWOOD
30115	TREAD RUBBER, CAMELBACK
24318	TREADS, WOOD, STAIR
24318	TRELLISES, WOOD
35319	TRENCHERS AND DITCHERS, SELF-PROPELLED
28182	TRICHLOROETHYLENE
39430	TRICYCLES AND VELOCIPEDES
24262	TRIM STOCK, HARDWOOD DIMENSION
24316	TRIM, WOOD, DOOR AND WINDOW
34211	TRIMMERS
23962	TRIMMINGS, AUTOMOBILE AND FURNITURE
23963	TRIMMINGS FOR WOMEN'S AND CHILDREN'S APPAREL
28921	TRINITROTOLUENE, TNT INDUSTRIAL
36123	TRIPPING TRANSFORMERS
37423	TROLLEY BUSSES AND TRACKLESS TROLLEYS
36430	TROLLEY-LINE MATERIAL, OVERHEAD, CURRENT CARRYING
37312	TROOP TRANSPORT VESSELS, SELF-PROPELLED SHIPS, U.S. MILITARY, NEW
39141	TROPHIES, ELECTROSILVER PLATED AND STERLING SILVER
34990	TROPHIES, METAL, EXCEPT SILVER, NICKEL SILVER, PEWTER, AND PLATED
23961	TROUSER FINDINGS FOR MEN AND BOYS
23271	TROUSERS, SEPARATE, DRESS AND SPORT, INCLUDING UNIFORM, MEN'S, YOUTHS', AND BOYS'
23279	TROUSERS, SEPARATE, DRESS AND SPORT, INCLUDING UNIFORM, MEN'S AND BOYS' (CONTRACT AND COMMISSION RECEIPTS)
37130	TRUCK AND BUS BODIES, FOR SALE SEPARATELY
37112	TRUCK BODIES BILLED WITH CHASSIS
30112	TRUCK, BUS AND OFF-THE-ROAD PNEUMATIC TIRES
36220	TRUCK CONTROLS, INDUSTRIAL BATTERY
34437	TRUCK TANKS, METAL, NONPRESSURE FOR DELIVERY OF FLUIDS, STANDARD
34435	TRUCK TANKS, PRESSURE, STANDARD LINE, FOR DELIVERY OF LIQUEFIED PETROLEUM GAS
37112	TRUCK TRACTORS, TRUCK CHASSIS AND TRUCKS, CHASSIS OF OWN MANUFACTURE
37150	TRUCK TRAILERS AND CHASSIS
35370	TRUCKS AND TRAILERS, HAND
37992	TRUCKS, FARM (NOT MOTOR), INCLUDING PARTS
37141	TRUCKS (FUEL DRIVEN), PARTS AND ACCESSORIES ONLY
37112	TRUCKS, INCLUDING PICKUP, PANEL DELIVERY MADE ON OWN MANUFACTURE CHASSIS
35318	TRUCKS-OFF-HIGHWAY, SCRAPERS, GRADERS, ROLLERS, TRAILERS, WAGONS FOR CONSTRUCTION WORK, EXCEPT PARTS
35370	TRUCKS, TRACTORS, TRAILERS AND STACKERS, FOR INDUSTRIAL USE
39314	TRUMPETS AND PARTS
34295	TRUNK AND LUGGAGE HARDWARE
31610	TRUNKS, HAND TRUNKS AND LOCKERS, LEATHER LUGGAGE
22533	TRUNKS, KNIT, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
38421	TRUSSES
23612	T-SHIRTS, GIRLS', CHILDREN'S, AND INFANTS', MADE FROM PURCHASED KNIT FABRIC
22532	T-SHIRTS, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23212	T-SHIRTS, MEN'S AND BOYS', MADE FROM PURCHASED KNIT FABRIC
23312	T-SHIRTS, WOMEN'S, MISSES', AND JUNIORS', MADE FROM PURCHASED KNIT FABRIC
32114	TUB ENCLOSURES, FLAT GLASS
34320	TUB FILLERS, BATH, BRASS GOODS
33526	TUBE, ALUMINUM, EXTRUDED, DRAWN AND WELDED
26312	TUBE, CAN AND DRUM PAPERBOARD, BLEACHED PACKAGING AND INDUSTRIAL CONVERTING, SOLID WOODPULP FURNISH
26311	TUBE, CAN AND DRUM PAPERBOARD, UNBLEACHED KRAFT
26317	TUBE, CAN, AND DRUM STOCK, SPECIAL COMBINATION PACKAGING AND INDUSTRIAL CONVERTING PAPERBOARD
35481	TUBE MILL MACHINERY FOR ROLLING MILL
33122	TUBE, ROUNDS, ALLOY STEEL, SEMIFINISHED
33122	TUBE ROUNDS, SKELP AND WIRE RODS OF CARBON, ALLOY, AND STAINLESS STEEL
36795	TUBE SOCKETS
33176	TUBE, STEEL, NOT MADE IN STEEL MILL
33126	TUBE, STEEL, PRODUCED IN STEEL MILL
32690	TUBES AND CONES, PYROMETRIC, POTTERY
34960	TUBES, COLLAPSIBLE, METAL
36710	TUBES, ELECTRON, RECEIVING TYPE, EXCEPT CATHODE
36730	TUBES, ELECTRON, TRANSMITTING, INDUSTRIAL, AND SPECIAL PURPOSE EXCEPT X-RAY, CATHODE RAY PICTURE TUBES, BUT INCLUDING ALL OTHER CATHODE RAY TUBES
26552	TUBES, FIBER
30114	TUBES, INNER FOR TIRES
30793	TUBES, LAMINATED, PLASTICS
30794	TUBES, PLASTIC, COLLAPSIBLE, PACKAGING AND SHIPPING CONTAINERS

Code	Product
30791	TUBES, PLASTICS, UNSUPPORTED FROM PURCHASED RESINS
28211	TUBES, PLASTICS, UNSUPPORTED, PRODUCED FROM RESINS MADE IN THIS PLANT
36930	TUBES, X-RAY
32292	TUBING AND CASE FOR ELECTRIC LIGHT BULBS, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32316	TUBING AND CASE FOR ELECTRIC LIGHT BULBS, FROM PURCHASED GLASS
36443	TUBING, ELECTRICAL INSULATION, EXCEPT GLASS OR PORCELAIN, NONCURRENT CARRYING
35992	TUBING, FLEXIBLE, METAL, MADE IN MACHINE SHOP
32316	TUBING, GLASS, FROM PURCHASED GLASS
30697	TUBING, MEDICAL-SURGICAL RUBBER
22112	TUBING, PILLOW AND INDUSTRIAL (COTTON) (GRAY GOODS)
30798	TUBING, PLASTICS
30692	TUBING, RUBBER, EXCEPT REINFORCED
34443	TUBS, LAUNDRY, SHEET METAL
24430	TUBS, MADE OF VENEER OR PLYWOOD
34618	TUBS, METAL, EXCLUDING SHIPPING CONTAINERS
24450	TUBS, SLACK OR TIGHT COOPERAGE, INCLUDING RECOOPERED USED TUBS
25141	TUBULAR METAL TABLE AND CHAIR SETS, DINING, DINETTE AND BREAKFAST
23959	TUCKING, PLEATING, HEMSTITCHING AND BUTTON HOLING FOR THE TRADE (CONTRACT RECEIPTS)
23926	TUFTED BEDSPREAD AND BED SETS MADE FROM PURCHASED FABRIC
22720	TUFTED CARPETS AND RUGS, INCLUDING ROLL GOODS
35521	TUFTING MACHINERY, TEXTILE
22811	TUFTING YARNS, CARDED COTTON GRAY OR FINISHED IN YARN SPINNING MILLS
22814	TUFTING YARNS, SPUN, MANMADE FIBER AND SILK, GRAY OR FINISHED IN YARN SPINNING MILLS
22813	TUFTING YARNS, SPUN, RAYON AND/OR ACETATE- GRAY OR FINISHED IN SPINNING MILLS
37313	TUGBOATS, CIVILIAN, NEW
32316	TUMBLERS, FROM PURCHASED GLASS
32210	TUMBLERS, GLASS, FOOD CONTAINERS
20310	TUNAFISH, CANNED, EXCEPT FROZEN
20310	TUNAFISH SPECIALTIES, CANNED, EXCEPT FROZEN
36515	TUNERS-A.M., F.M., A.M.-F.M., TV
20932	TUNG OIL
28199	TUNGSTEN COMPOUNDS, INORGANIC CHEMICALS
35111	TURBINE GENERATOR SET UNITS, STEAM, GAS AND HYDRAULIC
35112	TURBINES AND PARTS, STEAM, GAS AND HYDRAULIC
35112	TURBINES, STEAM, MECHANICAL DRIVE
20153	TURKEYS, DRESSED AND PACKED
20332	TURNIPS, CANNED, LEAFY GREENS
28612	TURPENTINE, GUM
26112	TURPENTINE, PULPMILL BYPRODUCT
28611	TURPENTINE, WOOD
19110	TURRETS, EXCEPT AIRCRAFT AND SELF-PROPELLED FOR WEAPONS OVER 30 MM. (OR OVER 1.18 INCHES)
20310	TURTLE SOUP, CANNED
20361	TURTLE SOUP, PACKAGED FROZEN
22211	TWILL, ACETATE AND VISCOSE-100% FILAMENT RAYON AND/OR ACETATE (GRAY GOODS)
22213	TWILL, 100% SPUN VISCOSE OR ACETATE (GRAY GOODS)
22113	TWILLS, COTTON PRINT CLOTH YARD, THREE-LEAF (GRAY GOODS)
22112	TWILLS, COTTON, SHEETING YARNS (GRAY GOODS)
22115	TWILLS, FINE COTTON (GRAY GOODS)
22212	TWILLS, NYLON AND CHIEFLY NYLON FABRICS (GRAY GOODS), 100% FILAMENT
22983	TWINE, COTTON FIBER INCLUDING WRAPPING AND SEINE
22981	TWINE, HARD FIBER, SUCH AS BINDER, BALER, WRAPPING, ETC.
22981	TWINE, MADE OF A COMBINATION OF HARD FIBER AND PAPER
22982	TWINE, SOFT FIBER (EXCEPT COTTON), SEINE, NET MAKING, ETC.
22811	TWINE YARNS, CARDED COTTON, GRAY OR FINISHED IN YARN SPINNING MILLS
36621	TWO-WAY RADIO, INCLUDING TRANSCEIVERS FOR COMMERCIAL, INDUSTRIAL, MILITARY, EXCEPT BROADCAST EQUIPMENT
26495	TYMPANS, PAPER
27910	TYPESETTING AND TYPOGRAPHIC SERVICES
35552	TYPESETTING MACHINERY AND EQUIPMENT
22115	TYPEWRITER RIBBON, CLOTH, FINE COTTON (GRAY GOODS)
39550	TYPEWRITER RIBBONS
35720	TYPEWRITERS AND PARTS
39314	UKULELES AND PARTS
28345	ULCER, STOMACH, LAXATIVE PREPARATIONS FOR HUMAN USE
28163	ULTRAMARINE BLUE PIGMENT
36626	ULTRASONIC EQUIPMENT, ELECTRONIC
36426	ULTRAVIOLET HEALTH LAMPS
36410	ULTRAVIOLET LAMP UNITS (BULBS ONLY)
39997	UMBRELLAS, PARASOLS, AND CANES
25117	UNASSEMBLED WOOD HOUSEHOLD FURNITURE SOLD IN KITS
26217	UNBLEACHED KRAFT CONVERTING PAPER, INCLUDING ASPHALTING, CREPING, ENVELOPE STOCK, GUMMING STOCKS, TWISTING AND SPINNING STOCK, AND WAXING STOCK
26112	UNBLEACHED SULFITE AND SULFATE WOODPULP
31610	UNDER-ARM CASES
22541	UNDERSHIRTS, KNIT, INCLUDING BALBRIGGAN, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23221	UNDERSHIRTS, KNIT UNDERWEAR, INCLUDING ATHLETIC TYPE, FOR MEN AND BOYS, MADE FROM PURCHASED KNIT FABRIC
22541	UNDERSHORTS, KNIT, MEN'S AND BOY'S MADE FROM YARNS OR FABRIC KNIT IN THE SAME ESTABLISHMENT
36624	UNDERWATER NAVIGATIONAL SYSTEMS
22411	UNDERWEAR, ELASTIC NARROW WOVEN FABRICS
22562	UNDERWEAR FABRICS, CIRCULAR KNIT AND FINISHED IN A KNITTING MILL
22561	UNDERWEAR FABRICS, WARP KNIT AND FINISHED IN A KNIT FABRIC MILL
22541	UNDERWEAR, KNIT, MEN'S AND BOYS', MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
22542	UNDERWEAR, KNIT, WOMEN'S AND CHILDREN'S, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23221	UNDERWEAR, MEN'S AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT FABRICS
23412	UNDERWEAR, WOMEN'S, CHILDREN'S, AND INFANTS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23419	UNDERWEAR, WOMEN'S, CHILDREN'S, AND INFANTS' (RECEIPTS FOR CONTRACT AND COMMISSION WORK)
29118	UNFINISHED OILS, INCLUDING CRACKING STOCK, TOPPED AND ENRICHED PETROLEUM
20353	UNFINISHED PICKLES (SALT STOCK)
23114	UNIFORM APPAREL, BOYS' (EXCEPT ATHLETIC)
23113	UNIFORM COATS AND JACKETS, TAILORED, MEN'S
23371	UNIFORM COATS, TAILORED, WOMEN'S AND MISSES', INCLUDING MILITARY
23214	UNIFORM DRESS SHIRTS, WOVEN, MEN'S, YOUTHS', AND BOYS' MADE FROM PURCHASED FABRIC
23522	UNIFORM HATS AND CAPS, CLOTH FOR MEN, BOYS, AND WOMEN MADE CHIEFLY OF COTTON OR OTHER FABRICS
23112	UNIFORM OVERCOATS AND TOPCOATS, MEN'S
23372	UNIFORM SUITS FOR WOMEN AND MISSES, TAILORED
23111	UNIFORM SUITS, MEN'S
23271	UNIFORM TROUSERS, SEPARATE FOR MEN AND BOYS
23292	UNIFORMS, ATHLETIC, MEN'S AND BOYS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23392	UNIFORMS, WASHABLE, WOMEN'S AND MISSES'
23282	UNIFORMS, WORK, MEN'S AND BOYS'
22541	UNION SUITS, KNIT, MEN'S AND BOYS', MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
22542	UNION SUITS, KNIT, WOMEN'S AND CHILDREN'S, MADE FROM YARN OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23221	UNION SUITS, MEN'S AND BOYS' UNDERWEAR, MADE OF WOVEN OR PURCHASED KNIT FABRIC
23412	UNION SUITS, WOMEN'S AND CHILDREN'S, MADE OF WOVEN OR PURCHASED KNIT FABRIC
34945	UNIONS, METAL, FOR PIPING SYSTEMS
35852	UNITARY AIR-CONDITIONERS
35852	UNIT COOLERS (HEAT TRANSFER EQUIPMENT), ROOM
27612	UNIT SET FORMS FOR BUSINESS, STOCKS (INCLUDING IMPRINTED) PRINTED INDIVIDUAL ORDER OR TABULATING CARD SETS
35663	UNIVERSAL JOINTS EXCEPT AUTOMOBILE, AIRCRAFT, AND MARINE
37141	UNIVERSAL JOINTS, MOTOR VEHICLE
25117	UNPAINTED WOOD FURNITURE
30791	UNSUPPORTED PLASTICS FILM, SHEETING, SHEETS, EXCEPT FOAM, MADE FROM PURCHASED RESINS
28211	UNSUPPORTED PLASTICS FILM, SHEETING, SHEETS, EXCEPT FOAM PRODUCED FROM RESINS MADE IN THIS PLANT
25144	UPHOLSTERED METAL LIVING AND SUNROOM FURNITURE
25121	UPHOLSTERED WOOD HOUSEHOLD FURNITURE
22212	UPHOLSTERY AND DRAPERY FABRIC, NYLON (GRAY GOODS), 100 FILAMENT
30698	UPHOLSTERY FABRICS, AUTOMOTIVE AND FURNITURE, RUBBER COATED
22116	UPHOLSTERY FABRICS, COTTON (GRAY GOODS)
22211	UPHOLSTERY FABRICS, 100% FILAMENT RAYON AND/OR ACETATE (GRAY GOODS)
30698	UPHOLSTERY FABRICS, RUBBER
22314	UPHOLSTERY FABRICS, WOOL, FINISHED
22930	UPHOLSTERY FILLING - INCLUDING CURLED HAIR
30693	UPHOLSTERY, LATEX FOAM RUBBER
31111	UPHOLSTERY, LEATHER FINISHED CATTLE HIDE
34813	UPHOLSTERY WIRE SPRINGS, ASSEMBLED AND UNASSEMBLED
28214	UREA RESINS
34310	URINALS, ENAMELED IRON AND STEEL
35891	URNS, COFFEE, COMMERCIAL
34614	UTENSILS, ALUMINUM, HOSPITAL, STAMPED AND SPUN
34615	UTENSILS, COOKING AND KITCHEN, STAMPED AND SPUN, METAL, EXCEPT ALUMINUM
33610	UTENSILS, COOKING, CAST ALUMINUM (EXCEPT ELECTRIC)
34615	UTENSILS, HOSPITAL, STAMPED AND SPUN, METAL EXCEPT ALUMINUM
34611	UTENSILS, HOSPITAL, VITREOUS-ENAMELED
26462	UTENSILS, MADE OF PULP GOODS
34614	UTENSILS, STAMPED AND SPUN, ALUMINUM, FOR COOKING AND KITCHEN, HOUSEHOLD, HOSPITAL, AND COMMERCIAL
34492	UTILITY BUILDINGS, STEEL AND ALUMINUM, PREFABRICATED AND PORTABLE
25142	UTILITY CABINETS, METAL KITCHEN FURNITURE
25114	UTILITY CABINETS, WOOD, KITCHEN (FACTORY MADE) FINISHED AND PAINTED
30798	UTILITY CONTAINERS, PLASTICS
19310	UTILITY VEHICLES, ARMORED, INCLUDING PARTS
34492	VACATION HOMES, DWELLINGS, STEEL AND ALUMINUM, PREFABRICATED AND PORTABLE
28315	VACCINES AND VIRUSES FOR VETERINARY USE
28312	VACCINES, HUMAN USE
34293	VACUUM AND INSULATED BOTTLES, JUGS, CHESTS
35893	VACUUM CLEANERS, COMMERCIAL AND INDUSTRIAL, PARTS AND ATTACHMENTS
35893	VACUUM CLEANERS, COMMERCIAL AND INDUSTRIAL, PORTABLE AND CENTRAL SYSTEM
36350	VACUUM CLEANERS, INCLUDING PARTS AND ATTACHMENTS, HOUSEHOLD
38213	VACUUM INSTRUMENTS, INDUSTRIAL PROCESS
35612	VACUUM PUMPS
34943	VALVES FOR COMPRESSED GAS CYLINDERS
34942	VALVES FOR POWER TRANSFER, (PNEUMATIC OR HYDRAULIC), EXCEPT AIRCRAFT
35992	VALVES, INTAKE AND EXHAUST, INTERNAL COMBUSTION ENGINES
34943	VALVES, METAL, FOR PIPING SYSTEMS, EXCEPT PLUMBING AND HEATING VALVES
34944	VALVES, PLUMBING AND HEATING, EXCEPT PLUMBER'S BRASS GOODS
37150	VAN TYPE TRAILER
38614	VANDYKE AND BLUEPRINTING EQUIPMENT
38617	VANDYKE TYPE SENSITIZED PHOTOGRAPHIC PAPER
25115	VANITIES, WOOD, PAINTED OR FINISHED FOR BEDROOM
25117	VANITIES, WOOD, UNPAINTED
39111	VANITY CASES OF PLATINUM AND CARAT GOLD
39112	VANITY CASES OF PRECIOUS METALS, EXCEPT PLATINUM AND CARAT GOLD
38421	VAPORIZERS, HOSPITAL
26431	VARIETY BAGS, PAPER
28423	VARNISH REMOVERS, LIQUID AND POWDER
28511	VARNISH, TRADE SALE EXTERIOR
28516	VARNISHES, CLEAR, INDUSTRIAL PRODUCT FINISHES
28516	VARNISHES, DRIER AND INSULATING, INDUSTRIAL PRODUCT FINISHES
28513	VARNISHES, OIL-TYPE, INTERIOR TRADE SALES
32690	VASES, POTTERY
34443	VATS, SHEET METAL
24450	VATS, WOOD, COOPERED
24995	VATS, WOOD, EXCEPT COOPERED
32722	VAULTS AND BOXES, BURIAL, PRECAST CONCRETE
34920	VAULTS AND SAFES
39943	VAULTS, BURIAL
30691	V-BELTS, RUBBER
20112	VEAL, NOT CANNED OR MADE INTO SAUSAGE
20112	VEAL, PRIMAL CUTS, FABRICATED CUTS, AND BONELESS MADE IN SLAUGHTERING PLANTS
20112	VEAL, VARIETY MEATS AND EDIBLE ORGANS (SUCH AS HEARTS, LIVER, KIDNEYS, ETC.) NOT CANNED OR MADE INTO SAUSAGE
20112	VEAL, WHOLE CARCASS
24317	VEGETABLE BINS, WOODEN, TO BE BUILT-IN PER CUSTOM SPECIFICATION
20335	VEGETABLE JUICES, CANNED
20933	VEGETABLE OIL CAKE AND MEAL (EXCEPT COTTONSEED AND SOYBEAN)
20933	VEGETABLE OIL MILL PRODUCTS CAKE AND MEAL (EXCEPT COTTONSEED AND SOYBEAN)

Code	Product
20961	VEGETABLE OIL WINTER STEARIN
20932	VEGETABLE OILS (OTHER THAN COTTONSEED, SOYBEAN, AND LINSEED)
20332	VEGETABLE SALAD, CANNED
20332	VEGETABLES, CANNED
20321	VEGETABLES, CANNED (BABY FOOD ONLY)
20341	VEGETABLES, DRIED AND DEHYDRATED
20372	VEGETABLES, FROZEN
24262	VEHICLE PARTS STOCK, DIMENSION HARDWOOD
39430	VEHICLES, CHILDREN'S, EXCEPT BICYCLES
28242	VELON FIBERS
22710	VELVET CARPETS AND RUGS, WOOL OR CHIEFLY WOOL, WOVEN
22116	VELVETS AND VELVETEEN, BROADWOVEN COTTON (GRAY GOODS)
22211	VELVETS, 100% FILAMENT RAYON AND/OR ACETATE (GRAY GOODS) BROADWOVEN
35811	VENDING MACHINE, AUTOMATIC, MERCHANDISING INCLUDING PARTS
35531	VENEER AND PLYWOOD MAKING MACHINERY
24324	VENEER, CLOTH FACED OR BACKED FROM PURCHASED PLYWOOD
24430	VENEER CONTAINERS, EXCEPT BOXES AND CRATES
24325	VENEER, HARDWOOD
24324	VENEER, PAPER FACED OR BACKED FROM PURCHASED PLYWOOD
24326	VENEER, SOFTWOOD
22411	VENETIAN BLIND TAPES, WOVEN
25912	VENETIAN BLINDS, COMPLETE, VERTICAL AND HORIZONTAL, STEEL, ALUMINUM, OR PLASTIC
25912	VENETIAN BLINDS, STEEL-SLOT, ALUMINUM SLOT, ETC. WOOD AND PLASTIC
25912	VENETIAN BLINDS, UNASSEMBLED PARTS AND COMPONENTS, FABRICATED IN THIS PLANT
28313	VENOMS, MODIFIED, BIOLOGICAL PRODUCTS FOR HUMAN USE
35641	VENTILATING AND EXHAUST FANS AND PARTS, INDUSTRIAL
34336	VENTILATOR AND HEATER UNITS
32690	VERITAS RINGS, POTTERY
20980	VERMICELLI, EXCEPT CANNED
32950	VERMICULITE, EXFOLIATED
20840	VERMOUTH
34438	VESSELS AND TANKS, METAL, CUSTOM FABRICATED AT THE FACTORY
23890	VESTMENTS, ACADEMIC AND CLERGYMAN'S
22542	VESTS, UNDERSHIRTS AND STEPINS, WOMEN'S AND CHILDREN'S, MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT
23412	VESTS, WOMEN'S AND CHILDREN'S UNDERWEAR, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
28315	VETERINARY BIOLOGICAL PRODUCTS
35316	VIBRATORS, CONCRETE
36343	VIBRATORS, ELECTRIC HOUSEWARE (EXCEPT PARTS AND ATTACHMENTS)
36795	VIBRATORS FOR RADIO POWER SUPPLY
36622	VIDEO EQUIPMENT
20996	VINEGAR AND VINEGAR STOCK
28211	VINYL AND VINYL COPOLYMER, UNSUPPORTED PLASTICS, PRODUCED FROM RESINS MADE IN THE SAME PLANT
32926	VINYL ASBESTOS FLOOR TILE
22952	VINYL COATED FABRICS, WOVEN, KNITTED, NONWOVEN OR SHADE CLOTH
28213	VINYL RESINS, THERMOPLASTIC
28242	VINYON FIBERS
39314	VIOLINS AND PARTS
28312	VIRUSES, HUMAN USE
28232	VISCOSE FIBERS
38213	VISCOSIMETERS
35453	VISES, TOOLROOM
23961	VISOR CAPS
28347	VITAMIN, NUTRIENT AND HEMATINIC PREPARATIONS, FOR HUMAN USE
28349	VITAMINS AND MINERALS, VETERINARY PHARMACEUTICAL
28347	VITAMINS FOR HUMAN USE
28332	VITAMINS FROM PLANTS AND YEAST, BULK
28332	VITAMINS, NATURALLY OCCURRING, BULK
28331	VITAMINS, SYNTHETIC, BULK
32620	VITREOUS CHINA TABLE AND KITCHEN ARTICLES
28933	VITREOUS ENAMEL (FRIT)
34611	VITREOUS-ENAMELED PRODUCTS
32610	VITREOUS PLUMBING FIXTURES
32591	VITRIFIED CLAY SEWER PIPE AND FITTINGS
20853	VODKA, BOTTLED
22211	VOILES, 100% FILAMENT RAYON AND/OR ACETATE (GRAY GOODS)
22115	VOILES, FINE COTTON GOODS (GRAY GOODS)
36112	VOLTAGE METERS, FOR ELECTRICAL, RADIO AND COMMUNICATION CIRCUITS
36121	VOLTAGE REGULATING TRANSFORMERS
36113	VOLTMETERS AND AMMETERS FOR MOTOR VEHICLES
36112	VOLTMETERS, VACUUM TUBE
36112	VOLT-OHM-MILLIAMMETER
26552	VULCANIZED FIBER CANS, TUBES, AND DRUMS
28219	VULCANIZED FIBER, PLASTIC AND RESIN MATERIAL
28185	VULCANIZED VEGETABLE OILS
35594	VULCANIZING PRESSES, RUBBER-WORKING MACHINERY
22411	VULCANIZING TAPES, WOVEN
22930	WADDING, COTTON LINTER, RAW AND WASTE
26492	WADDING, CREPED, FOR PACKAGING (CELLULOSE) AND CREPE PAPER FOR WRAPPING
26492	WADDING FOR PACKAGING CREPED CELLULOSE
26210	WADDING, PAPER, FOR PACKING
39493	WADING POOLS, SPORTING AND ATHLETIC EQUIPMENT
19610	WADS (AMMUNITION), FOR SMALL ARMS, 30 MM. (1.18 INCHES) AND UNDER
20522	WAFERS, SWEETENED
20455	WAFFLE, DRY MIXES (MADE FROM FLOUR NOT MILLED IN SAME ESTABLISHMENT)
20415	WAFFLE DRY MIXES (MADE IN FLOUR MILLS)
36343	WAFFLE IRONS, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
20373	WAFFLES, FROZEN
39430	WAGONS, CHILDREN'S
37992	WAGONS, FARM, INCLUDING PARTS
22531	WAISTBANDS, KNIT, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
23619	WAISTS, GIRLS', CHILDREN'S, AND INFANTS' (CONTRACT RECEIPTS)
23610	WAISTS, GIRLS', CHILDREN'S, AND INFANTS', SIZES 1 TO 16
23317	WAISTS, WOMEN'S, MISSES', AND JUNIORS', FROM WOVEN FABRIC
23319	WAISTS, WOMEN'S, MISSES', AND JUNIORS' (COMMISSION AND CONTRACT RECEIPTS)
39430	WALKERS, BABY (VEHICLE)
25142	WALL CABINETS, METAL, KITCHEN FURNITURE
32722	WALL PANELS, ARCHITECTURAL, PRECAST CONCRETE
30796	WALL TILE, PLASTICS
32927	WALLBOARD, ASBESTOS-CEMENT
26611	WALLBOARD, INSULATING
26495	WALLBOARD, LAMINATED (PAPER PRODUCTS)
31720	WALLETS, LEATHER OR PLASTIC
26440	WALLPAPER, MACHINE, SCREEN OR HANDPRINTED
28423	WALLPAPER, WINDOW SHADE AND WALL CLEANER
36442	WALLPLATES, SWITCH AND OUTLET (METAL OR PLASTICS) NONCURRENT-CARRYING DEVICES
24332	WALLS, WOOD, FOR PREFABRICATED AND PRECUT BUILDINGS
23920	WARDROBE BAGS
26431	WARDROBE BAGS, PAPER
25116	WARDROBES, CHILDREN'S, WOODEN, PAINTED OR FINISHED
25115	WARDROBES, WOODEN, BEDROOM, PAINTED OR FINISHED, EXCEPT CHILDREN'S
34336	WARM AIR FURNACE, PARTS AND ATTACHMENTS, SOLD SEPARATELY
34332	WARM AIR FURNACES, EXCEPT FLOOR AND WALL, PARTS
36426	WARNING LIGHTS (EMERGENCY)
22561	WARP KNIT FABRICS, KNIT FABRIC MILL PRODUCT (FINISHED)
22829	WARPING OF YARN EXCEPT WOOL, NOT SPUN OR THROWN AT SAME ESTABLISHMENT (COMMISSION RECEIPTS)
23292	WASH SUITS, MEN'S, YOUTHS'', AND BOYS'', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
23690	WASH SUITS, WOVEN, TODDLERS', MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22561	WASHCLOTH AND DISHCLOTH FABRIC, WARP KNIT IN A KNIT FABRIC MILL
22119	WASHCLOTHS, COTTON, MADE IN BROADWOVEN FABRIC MILLS
23929	WASHCLOTHS, MADE FROM PURCHASED FABRIC
22590	WASHCLOTHS, MADE FROM YARN OR FABRIC KNIT IN SAME ESTABLISHMENT
36331	WASHER-DRYER COMBINATION, HOUSEHOLD
34618	WASHTUBS AND BOILERS, STAMPED
35820	WASHER-EXTRACTORS, COMMERCIAL LAUNDRY AND DRYCLEANING
35820	WASHERS, COMMERCIAL LAUNDRIES
24994	WASHERS, CORK
34521	WASHERS, PLATE, SPRING OR LOCK
34611	WASHING MACHINE PARTS OF VITREOUS-ENAMEL
35820	WASHING MACHINES, COMMERCIAL, DRYCLEANING AND LAUNDRY
36331	WASHING MACHINES, HOUSEHOLD, INCLUDING WASHER-DRYER COMBINATION AND DISHWASHER ATTACHMENTS
35319	WASHING PLANT, CONSTRUCTION MACHINERY
22940	WASTE, TEXTILE, PROCESSED
39610	WATCH ATTACHMENTS, BASE METAL
39111	WATCH BRACELETS, CHAINS, AND ATTACHMENTS OF PLATINUM AND CARAT GOLD
39112	WATCH BRACELETS, CHAINS, AND ATTACHMENTS OF PRECIOUS METAL, EXCEPT CARAT GOLD AND PLATINUM
32316	WATCH CRYSTALS, GLASS, FROM PURCHASED GLASS
38715	WATCH MOVEMENTS (DOMESTIC) COMPLETE, FOR SALE SEPARATELY
38720	WATCHCASES, WRISTWATCH, POCKET AND OTHERS
38715	WATCHES WITH DOMESTIC MOVEMENTS, INCLUDING BATTERY POWERED
38714	WATCHES WITH IMPORTED MOVEMENTS INCLUDING BATTERY POWERED, COMPLETE
30697	WATER BOTTLES, FOUNTAIN SYRINGES AND COMBINATIONS, RUBBER
32610	WATER CLOSET BOWLS, VITREOUS CHINA
34320	WATER CLOSET TANK FLUSHING CONTROLS
34310	WATER CLOSETS AND FLUSH TANKS, ENAMELED IRON AND STEEL
35853	WATER COOLERS, DRINKING, MECHANICAL REFRIGERATED
35851	WATER COOLING TOWERS (HEAT TRANSFER EQUIPMENT)
36391	WATER HEATERS, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ACCESSORIES)
36393	WATER HEATERS, ELECTRIC, PARTS AND ACCESSORIES ONLY
36392	WATER HEATERS, NONELECTRIC, HOUSEHOLD
20240	WATER ICES
37141	WATER PUMPS, VEHICLE
35892	WATER SOFTENERS AND CONDITIONERS
35613	WATER SYSTEMS, DOMESTIC, INCLUDING PUMPS, PUMP JACKS AND CYLINDERS
34336	WATER TANK FOR HEATERS
28993	WATER TREATING COMPOUNDS
35111	WATER TURBINE GENERATOR SETS (HYDRAULIC)
28423	WATERLESS HAND CLEANERS
38212	WATERMETERS
23850	WATERPROOF OUTER GARMENTS, EXCEPT ALL RUBBER
28993	WATERPROOFING COMPOUNDS, ELECTRICAL, LEATHER, MASONRY, TEXTILE
36111	WATT-HOUR AND DEMAND METER, ELECTRICAL, COMBINED
36111	WATT-HOUR METER, A.C. AND D.C.
36113	WATT-VARIOMETER
28443	WAVE SOLUTIONS, PERMANENT
36795	WAVEGUIDES AND FITTINGS, ELECTRONIC
26412	WAXED AND WAXED-LAMINATED PAPER
22953	WAXED FABRICS
26412	WAXED PAPER, HOUSEHOLD
26412	WAXED PAPER, INCLUDING LAMINATED
29110	WAXES FROM PETROLEUM
35892	WAXING MACHINES, FLOOR, COMMERCIAL, HOUSEHOLD, INDUSTRIAL
19310	WEAPONS, SELF-PROPELLED, AND PARTS
36626	WEATHER STATIONS, AUTOMATIC AIRBORNE, GROUND AND MARINE PACKAGE
36626	WEATHER TRACKING EQUIPMENT, ELECTRONIC
35992	WEATHER VANES
23990	WEATHERSTRIP, FELT, FROM PURCHASED FELTS
34425	WEATHERSTRIP, METAL
35485	WEAVING AND WIRE FABRICATING MACHINERY, METAL
22811	WEAVING YARNS, CARDED COTTON, GRAY OR FINISHED IN YARN SPINNING MILLS
22812	WEAVING YARNS, COMBED COTTON, GRAY OR FINISHED IN YARN SPINNING MILLS
22814	WEAVING YARNS, MANMADE FIBER AND SILK, GRAY OR FINISHED IN YARN SPINNING MILLS
22813	WEAVING YARNS, SPUN, RAYON AND/OR ACETATE, GRAY OR FINISHED IN YARN SPINNING MILLS
22823	WEAVING YARNS, THROWN FILAMENT
22831	WEAVING YARNS, WOOL, EXCEPT CARPET, INCLUDING NEW, REUSED AND REPROCESSED, YARN MILL PRODUCTS
22311	WEAVING YARNS, WOOL, NOT COMBED OR SPUN AT THIS ESTABLISHMENT, FINISHED IN BROADWOVEN FABRIC MILLS
22411	WEBBING, WOVEN NARROW FABRICS
26491	WEDDINGS AND SOCIAL ANNOUNCEMENTS, PAPER, CARDS, AND ENVELOPES
28790	WEED KILLERS
35228	WEEDERS AND CULTIVATORS, FARM, INCLUDING ATTACHMENTS
34233	WEEDERS, HANDTOOL
20231	WEIGHT CONTROL DIETARY SUPPLEMENTS, CANNED, DAIRY BASE OR NONDAIRY BASE
20231	WEIGHT CONTROL DIETARY SUPPLEMENT, DRY MILK BASE
20232	WEIGHT CONTROL PRODUCTS, DAIRY BASE, CANNED
20264	WEIGHT CONTROL PRODUCTS (MILK DERIVATIVE) PACKAGED AT THIS PLANT
33159	WELDED STEEL WIRE FABRIC, MADE BY WIREDRAWERS
34819	WELDED STEEL WIRE FABRIC, NOT PRODUCED BY WIREDRAWERS
36233	WELDER-RESISTANCE, ELECTRODES, BUTT, FLASH, SEAM, SPOT AND PROJECTION
31510	WELDERS' GLOVES, ALL LEATHER
35483	WELDING AND CUTTING EQUIPMENT, EXCEPT ELECTRIC

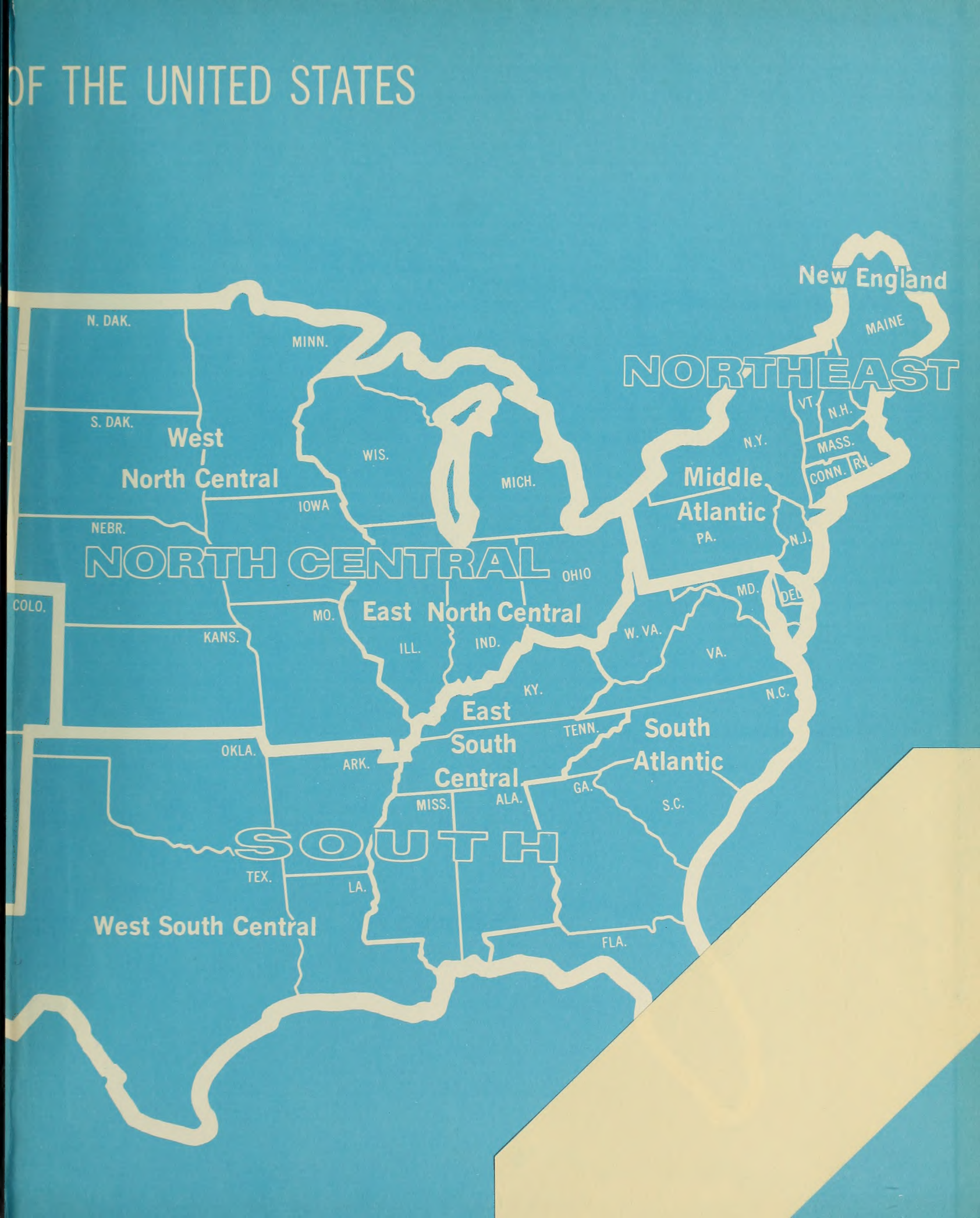
Code	Product
35483	WELDING APPARATUS, GAS TYPE, INCLUDING MACHINES
38423	WELDING HELMETS AND MASKS
36231	WELDING MACHINERY AND ACCESSORIES, ARC, EXCEPT ELECTRODES
34432	WELDMENTS, FABRICATED STEEL PLATE
33176	WELL CASING, NOT MADE IN ROLLING MILL
35334	WELL SURVEYING MACHINERY AND EQUIPMENT, OILFIELD AND GASFIELD MACHINERY AND TOOLS
31111	WELTING LEATHER GRAINS AND OFFAL LEATHER
26318	WET MACHINE BOARD, PAPER
28430	WETTING AGENTS
25112	WHAT-NOTS, WOOD, PAINTED OR FINISHED
20412	WHEAT BRAN, SHORTS, AND MIDDLINGS
20430	WHEAT FLAKES, BREAKFAST FOOD
20411	WHEAT FLOUR, EXCEPT FLOUR MIXES (WHITE)
20412	WHEAT GERM
20830	WHEAT MALT
20412	WHEAT MIDDLINGS
20412	WHEAT MILLFEED
20412	WHEAT SHORTS
35484	WHEEL BALANCERS, AUTOMOTIVE
33120	WHEEL, TIRES AND RIMS, FOR CAR AND LOCOMOTIVE, ROLLED, STEEL MILL PRODUCT
35229	WHEEL TRACTOR PARTS SOLD SEPARATELY (EXCEPT CONTRACTORS' OFF-HIGHWAY TYPE)
35221	WHEEL TRACTORS AND ATTACHMENTS (EXCEPT CONTRACTORS' OFF-HIGHWAY TYPE, GARDEN TRACTORS AND MOTOR TILLERS)
35311	WHEEL TRACTORS, CONTRACTORS' OFF-HIGHWAY TYPE
35317	WHEEL TYPE TRACTOR SHOVEL LOADERS
37992	WHEELBARROWS
38421	WHEELCHAIRS
33214	WHEELS, RAILROAD CAR, CHILLED IRON, GRAY IRON
37141	WHEELS, VEHICLE
34990	WHEELS, WHEELBARROW, STROLLER, LAWNMOWER, ETC., DISC TYPE, STAMPED METAL
20231	WHEY, DRY
23510	WHIMSIES AND MINIATURES, MILLINERY WOMEN AND CHILDREN, MADE FROM VEILING, DECORATED AND ON A WIRE FRAME
22114	WHIPCORDS, COTTON, COLORED YARN FABRICS (GRAY GOODS)
20999	WHIPPED TOPPING, NONBUTTERFAT BASE
20262	WHIPPED TOPPING, PACKAGED IN THIS PLANT, WITH A BUTTERFAT BASE
31990	WHIPS, LEATHER
39911	WHISKBROOMS
20853	WHISKEY BLENDS, BOTTLED
20853	WHISKEY, BOTTLED
20851	WHISKEY (RAW), DISTILLED
28163	WHITE EXTENDER PIGMENTS
20411	WHITE FLOUR, ENRICHED AND ALL-PURPOSE
28162	WHITE LEAD PIGMENTS, EXCEPT WHITE LEAD OIL
20332	WHITE POTATOES, CANNED
20310	WHITEFISH-SMOKED
38614	WHITEPRINTING EQUIPMENT
32630	WHITEWARE, HOUSEHOLD AND COMMERCIAL, EARTHENWARE
28163	WHITING PIGMENT, INCLUDING GROUND LIMESTONE OR CHALK
20411	WHOLE WHEAT FLOUR
25190	WICKER FURNITURE
22414	WICKING, BRAIDED
22411	WICKING, FLAT WOVEN
20117	WIENERS, NOT CANNED, MADE IN MEATPACKING PLANT
20137	WIENERS, NOT CANNED, NOT MADE IN MEATPACKING PLANT
39999	WIGS AND TOUPEES
25190	WILLOW FURNITURE
24995	WILLOWWARE, EXCEPT FURNITURE
22710	WILTON WOVEN CARPETS AND RUGS, WOOL OR CHIEFLY WOOL
35319	WINCHES, INCLUDING WINCHES FOR MOUNTING ON WHEEL OR TRACKLAYING TRACTORS
35521	WINDING MACHINERY, TEXTILE YARN
22829	WINDING OF YARN EXCEPT WOOL, NOT SPUN OR THROWN AT SAME ESTABLISHMENT (COMMISSION RECEIPTS)
35228	WINDMILL HEADS AND TOWERS
34425	WINDOW AND DOOR SCREENS, METAL, EXCEPT COMBINATION
25420	WINDOW BACKS, METAL
25410	WINDOW BACKS, WOOD
23910	WINDOW CURTAINS, EXCLUDING LACE, MADE OF PURCHASED FABRIC, INCLUDING PLASTIC AND GLASS FIBER
36341	WINDOW FAN, ELECTRIC, HOUSEHOLD (EXCEPT PARTS AND ATTACHMENTS)
24313	WINDOW FRAMES, WOOD, EXCLUDING WINDOW FRAMES SHIPPED IN WINDOW UNITS
32111	WINDOW GLASS, SINGLE OR DOUBLE STRENGTH
34422	WINDOW SASH AND FRAMES, METAL, EXCEPT STORM SASH
24312	WINDOW SASH, WOOD, INCLUDING COMBINED SCREEN AND STORM SASH, EXCLUDING WINDOW SCREENS AND WINDOW UNITS
34425	WINDOW SCREENS, WITH METAL FRAMES
24318	WINDOW SCREENS, WOOD FRAMED
22113	WINDOW SHADE CLOTH, COTTON (GRAY GOODS)
25911	WINDOW SHADES AND ACCESSORIES
24311	WINDOW UNITS, WOOD, CONVENTIONAL - DOUBLE HUNG
32113	WINDSHIELD GLASS, LAMINATED, SAFETY, MADE FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
32313	WINDSHIELD GLASS, SAFETY, LAMINATED, MADE FROM PURCHASED GLASS
26472	WINDSHIELD WIPERS, PAPER
20840	WINE REMOVED FROM FERMENTERS
20840	WINES, ALL TYPES, INCLUDING STILL, NATURAL AND CARBONATED SPARKLING BRANDY, VERMOUTH, SPIRITS, ETC.
20961	WINTER STEARIN, VEGETABLE OIL
26472	WIPERS, PAPER, WINDSHIELD, INDUSTRIAL, ETC.
22116	WIPING FABRICS, INDUSTRIAL, COTTON (GRAY GOODS)
33571	WIRE, ALUMINUM, BARE, INCLUDING ACSR, PRODUCED IN A WIREDRAWING ESTABLISHMENT
34211	WIRE AND BX CUTTERS
36996	WIRE AND CORD, APPLIANCE, AND FLEXIBLE CORD SETS, FROM PURCHASED MATERIALS
33576	WIRE, APPLIANCE, PRODUCED IN ESTABLISHMENTS WHICH INSULATE WIRE
33579	WIRE, AUTO AND AIRCRAFT
33159	WIRE BALE TIES, FERROUS, MADE BY WIREDRAWERS
34819	WIRE BALE TIES, FERROUS, NOT PRODUCED BY WIREDRAWERS
33521	WIRE, BARE ALUMINUM, MADE IN ROLLING MILL
33573	WIRE, BARE, NONFERROUS, MADE IN WIREDRAWING PLANT
33560	WIRE, BARE, NONFERROUS, ROLLED, DRAWN AND EXTRUDED
33159	WIRE BASKETS, GUARDS, FLORISTS' DESIGNS AND KITCHENWARE, FERROUS, MADE BY WIREDRAWERS
34819	WIRE BASKETS, GUARDS, FLORISTS' DESIGNS AND KITCHENWARE, FERROUS, NOT PRODUCED BY WIREDRAWERS
33579	WIRE, BUILDING
33159	WIRE CARTS, INCLUDING HOUSEHOLD, GROCERY AND INDUSTRIAL, FERROUS, MADE BY WIREDRAWERS
34819	WIRE CARTS, INCLUDING HOUSEHOLD, GROCERY AND INDUSTRIAL, FERROUS, NOT PRODUCED BY WIREDRAWERS
33159	WIRE, CHAIN, BARBED, BALING, FABRIC, HANGERS, FERROUS, MADE IN WIRE-DRAWING PLANT
34819	WIRE, CHAIN, BARBED, BALING, FABRIC, HANGERS, FERROUS, NOT MADE BY WIREDRAWERS
34814	WIRE CLOTH, DIAMOND, SPIRAL AND WOVEN CLOTH DRYING BELTS, FERROUS, MADE FROM PURCHASED WIRE
33157	WIRE CLOTH, DIAMOND, SPIRAL AND WOVEN CLOTH DRYING BELTS, FERROUS, MADE IN WIREDRAWING PLANTS
33575	WIRE CLOTH, NONFERROUS, INDUSTRIAL, MADE IN WIREDRAWING PLANT
34815	WIRE CLOTH, NONFERROUS, NOT MADE BY WIREDRAWERS
33574	WIRE, COMMUNICATION, PAPER INSULATED
33574	WIRE, COMMUNICATION, PRODUCED IN WIREDRAWING ESTABLISHMENT
33572	WIRE, COPPER AND COPPER-BASE ALLOY, BARE AND TINNED, FOR ELECTRICAL TRANSMISSION
33511	WIRE, COPPER, BARE AND TINNED (NONELECTRIC, UNALLOYED AND ALLOYED)
35485	WIREDRAWING MACHINES AND DRAW BENCHES
33159	WIRE FABRIC OF WELDED STEEL, MADE BY WIREDRAWERS
34819	WIRE FABRIC OF WELDED STEEL, NOT PRODUCED BY WIREDRAWERS
33156	WIRE FENCE, WOVEN AND WELDED STEEL, MADE IN WIREDRAWING PLANT
34816	WIRE FENCE, WOVEN AND WELDED STEEL, NOT PRODUCED BY WIREDRAWERS
33159	WIRE GARMENT HANGERS, FERROUS, MADE IN WIREDRAWING PLANT
34819	WIRE GARMENT HANGERS, FERROUS, NOT PRODUCED BY WIREDRAWERS
32114	WIRE GLASS, FROM GLASS PRODUCED IN THE SAME ESTABLISHMENT
33577	WIRE, MAGNET
33579	WIRE, MARINE, U.S. NAVY AND MERCHANT MARINE
33159	WIRE MESH OF WELDED STEEL FOR CONCRETE REINFORCING, MADE BY WIRE-DRAWERS
34819	WIRE MESH, OF WELDED STEEL, FOR CONCRETE REINFORCING, NOT MADE BY WIREDRAWERS
34814	WIRE NETTING, WOVEN FOR POULTRY, FUR FARM, AND STUCCO, FERROUS, NOT MADE BY WIREDRAWERS
33157	WIRE NETTING, WOVEN, STEEL, FOR POULTRY, FUR FARM AND STUCCO, MADE IN WIREDRAWING PLANT
33578	WIRE, POWER
33122	WIRE RODS, STEEL ALLOY SEMIFINISHED
34811	WIRE ROPE AND CABLE, FERROUS, NONINSULATED AND NOT PRODUCED BY WIREDRAWERS
33151	WIRE ROPE, CABLE AND STRAND, NONINSULATED, FERROUS, MADE IN WIRE-DRAWING PLANT
33575	WIRE SCREENING (INSECT), NONFERROUS, MADE IN WIREDRAWING PLANT
34815	WIRE SCREENING (INSECT), NONFERROUS, NOT MADE BY WIREDRAWERS
34813	WIRE SPRINGS FOR MATTRESSES AND BEDSPRINGS
34813	WIRE SPRINGS FOR UPHOLSTERY AND FURNITURE (UNASSEMBLED)
33155	WIRE, STEEL, NOT PRODUCED IN STEEL MILL
33125	WIRE, STEEL, PRODUCED IN STEEL MILLS
33151	WIRE STRAND FOR PRESTRESSED CONCRETE, FERROUS, MADE IN WIRE-DRAWING PLANT
34811	WIRE STRAND FOR PRESTRESSED CONCRETE, FERROUS, NOT PRODUCED BY WIREDRAWERS
33579	WIRE, WEATHERPROOF AND SLOW BURNING
35485	WIRE WEAVING AND FABRICATING MACHINES
24420	WIREBOUND BOXES AND CRATES, MADE FROM LUMBER, VENEER, AND PLYWOOD
22511	WOMEN'S AND MISSES' FINISHED STOCKINGS, FULL-FASHIONED AND SEAMLESS
31414	WOMEN'S SHOES, WORK, PLAY, DRESS
28612	WOOD ALCOHOL
34521	WOOD AND WOOD DRIVE SCREWS
24430	WOOD BASKETS AND HAMPERS FOR FRUIT AND VEGETABLES
25115	WOOD BEDROOM FURNITURE, FINISHED AND PAINTED, EXCEPT CHILDREN'S AND UPHOLSTERED
28612	WOOD CHEMICALS
24219	WOOD CHIPS, MADE IN SAWMILLS
25113	WOOD DINING ROOM AND KITCHEN FURNITURE (EXCEPT CABINETS), FINISHED AND PAINTED
24996	WOOD FIBERBOARD, HARD-PRESSED
26612	WOOD FIBER INSULATION (FLEXIBLE PAPER BLANKETS)
24995	WOOD FLOUR
25126	WOOD FRAMES FOR HOUSEHOLD FURNITURE
25114	WOOD KITCHEN CABINETS, FACTORY MADE, FINISHED AND PAINTED
24316	WOOD MOULDING, FINISHED FOR WINDOW OR DOOR TRIM, HARD OR SOFTWOOD
24995	WOOD NOVELTIES AND SPECIALTIES
25210	WOOD OFFICE FURNITURE
25410	WOOD PARTITIONS
35540	WOOD PREPARATION EQUIPMENT FOR PAPER INDUSTRY
24919	WOOD PRESERVING, CONTRACT RECEIPTS (I.E., PRESERVING OF WOOD OWNED BY OTHER ESTABLISHMENTS)
24911	WOOD PRESERVING, WOOD OWNED AND TREATED BY SAME ESTABLISHMENT
25117	WOOD, UNPAINTED FURNITURE
24324	WOOD VENEER BLOCKS
24313	WOOD WINDOW AND DOOR FRAMES
24312	WOOD WINDOW SASH, INCLUDING COMBINATION SCREEN AND STORM SASH
24290	WOOD WOOL, A SAWMILL PRODUCT
24412	WOODEN BOX AND CRATE SHOOK FROM LUMBER, VENEER, OR PLYWOOD
24411	WOODEN BOXES, NAILED OR LOCKED-CORNERS, MADE FROM LUMBER, VENEER, AND PLYWOOD
24995	WOODENWARE, TURNED, SHAPED, OR MOLDED (DISHES, SALAD BOWLS, SERVING FORKS, ETC.)
26112	WOODPULP, SCREENINGS, OFF-QUALITY AND DAMAGED
26112	WOODPULP, SEMICHEMICAL
34233	WOODWORKING FILES AND RASPS
35531	WOODWORKING MACHINERY, INCLUDING PARTS AND ATTACHMENTS, EXCEPT THAT DESIGNED FOR HOME WORKSHOPS, GARAGES, AND SERVICE SHOPS
35532	WOODWORKING MACHINERY, INCLUDING PARTS AND ATTACHMENTS, FOR HOME WORKSHOP, GARAGES, SERVICE SHOPS, EXCEPT POWER, HANDTOOLS
22319	WOOL AND CHIEFLY WOOL BLANKETS, FINISHED, CRIB AND REGULAR SIZE FOR BED, CAMP, OR MOTOR ROBES
22312	WOOL AND WORSTED APPAREL AND NONAPPAREL FABRICS, GRAY GOODS, MADE IN WEAVING AND FINISHING MILLS
22313	WOOL, BROADWOVEN APPAREL FABRICS, FINISHED
22832	WOOL CARPET YARN (WEAVING AND TUFTING) INCLUDING NEW, REUSED AND REPROCESSED WOOL
23521	WOOL FELT HAT BODIES, MADE FOR SALE AS SUCH
23521	WOOL FELT HATS, FINISHED, EXCEPT MILLINERY

Code	Product
22314	WOOL FELTS, BROADWOVEN, FINISHED
22970	WOOL GREASE, RECOVERED (ANHYDROUS BASIS)
20110	WOOL, PULLED
22970	WOOL, SCOURING
22831	WOOL YARNS, EXCEPT CARPET YARNS, INCLUDING NEW, REUSED, AND REPROCESSED WOOL. A YARN MILL PRODUCT
22311	WOOL YARNS, NOT COMBED OR SPUN AT THIS ESTABLISHMENT, FINISHED IN BROADWOVEN FABRIC MILLS
22313	WOOLEN AND WORSTED BROADWOVEN APPAREL FABRICS, FINISHED
22312	WOOLEN AND WORSTED FABRICS, BROADWOVEN (GRAY GOODS)
22414	WOOLEN AND WORSTED FABRICS, NARROW, BRAIDED
22411	WOOLEN AND WORSTED FABRICS, NARROW, WOVEN
22311	WOOLEN AND WORSTED YARN, FINISHED IN BROADWOVEN FABRIC MILLS
22314	WOOLEN AND WORSTED NONAPPAREL FABRICS AND FELTS, BROADWOVEN, FINISHED
22831	WOOLEN AND WORSTED YARNS, INCLUDING NEW, REUSED AND REPROCESSED WOOL, YARN MILL PRODUCT
20353	WORCESTERSHIRE SAUCE
23282	WORK CLOTHING (EXCEPT SHIRTS), MEN'S AND BOYS'
23289	WORK CLOTHING, MEN'S, YOUTHS', AND BOYS' (CONTRACT AND COMMISSION RECEIPTS)
23282	WORK GARMENTS, OIL-FABRIC, EXCEPT RAINCOATS, MEN'S AND BOYS'
22590	WORK GLOVES AND MITTENS, MADE FROM YARNS OR FABRICS, KNIT IN THE SAME ESTABLISHMENT
23812	WORK GLOVES, INCLUDING LEATHER AND FABRIC COMBINATION, MADE FROM WOVEN OR PURCHASED KNIT FABRIC
22312	WOVEN WOOL FELTS, GRAY GOODS, MADE IN WEAVING AND FINISHING MILLS
23282	WORK PANTS, MEN'S AND BOYS'
23281	WORK SHIRTS, MEN'S, YOUTHS', AND BOYS'
31412	WORK SHOES FOR MEN
27311	WORKBOOKS, SCHOOL, PAPERBOUND, PRINTING AND PUBLISHING
22970	WORSTED COMBING.
22411	WOVEN NARROW FABRICS
33157	WOVEN WIRE NETTING FERROUS FOR POULTRY, FUR FARM, STUCCO, ETC., MADE IN WIRE DRAWING PLANTS
26491	WRAPPED REAM PAPER, PLAIN OR FAINT RULED
27512	WRAPPERS AND LABEL PRINTING BY LETTERPRESS AND FLEXOGRAPH
27522	WRAPPERS AND LABEL PRINTING BY LITHOGRAPH
34970	WRAPPERS AND WRAPS, CONVERTED ALUMINUM FOIL
26415	WRAPPERS, LAMINATED OR COATED, ROLLS, SHEETS, EXCEPT WAXED
27518	WRAPPERS OR WRAPS PRINTED BY GRAVURE
35690	WRAPPING AND PACKAGING MACHINERY, SUCH AS BUNDLING, BANDING, AND WADDING MACHINES
35511	WRAPPING AND PACKAGING MACHINES, BUTTER AND CHEESE, DRY MILK AND ICE CREAM
35512	WRAPPING MACHINES, BAKERY
26218	WRAPPING PAPER, COARSE, CONVERTING PAPER, EXCEPT UNBLEACHED KRAFT
26210	WRAPPING PAPER, TISSUE STOCK
26217	WRAPPING PAPER, UNBLEACHED KRAFT
26492	WRAPPING PRODUCTS, PAPER, EXCEPT COATED, OILED OR WAXED
22983	WRAPPING, SEINE, COTTON CORDAGE AND TWINE
26412	WRAPS FOR BREAD, CANDY, CEREAL, CHEESE, WAXED PAPER
27512	WRAPS PRINTED BY LETTERPRESS AND FLEXOGRAPH
39620	WREATHS, ARTIFICIAL, GARLANDS AND SPRAYS, MADE FROM TREE BOUGHS AND CONES
34231	WRENCHES, SOCKET OR FLAT
36332	WRINGERS, HOUSEHOLD LAUNDRY
28516	WRINKLE FINISHES, INDUSTRIAL
26491	WRITING PAPER AND ENVELOPES, BOXED SETS, MADE FROM PURCHASED MATERIALS
26216	WRITING PAPER, FINE COTTON FIBER OR CHEMICAL WOODPULP
36930	X-RAY EQUIPMENT, INCLUDING X-RAY TUBES AND ELECTROTHERAPEUTIC APPARATUS
38615	X-RAY FILM
36930	X-RAY GENERATORS
36930	X-RAY VALVES, RECTIFIERS
39314	XYLOPHONES AND PARTS
37313	YACHTS, NEW NONMILITARY
36421	YARD LIGHTING FIXTURES, GARDEN, PATIO, WALKWAY, EXCEPT PORTABLES (EXCEPT BULBS, PARTS AND ACCESSORIES)
28231	YARN, ACETATE AND TRIACETATE, MANMADE FIBERS
22812	YARN, COMBED COTTON MERCERIZED FINISHED IN YARN SPINNING MILLS
22690	YARN, COTTON MERCERIZED FINISHED (YARN PURCHASED ELSEWHERE)
22114	YARN FABRICS, COTTON COLORED (GRAY GOODS) BROADWOVEN
22992	YARN, JUTE
22992	YARN, METALLIC
35521	YARN PREPARING MACHINES FOR TEXTILES
28232	YARN, RAYON, VISCOSE AND CUPRAMMONIUM PROCESS
22832	YARN, WOOL CARPET, WEAVING AND TUFTING OF NEW, REUSED AND REPROCESSED WOOL
22311	YARN, WOOL, FINISHED, IN BROADWOVEN FABRIC MILLS NOT COMBED OR SPUN AT SAME ESTABLISHMENT
22690	YARNS, BLEACHED OR DYED AND OTHER FINISHES, EXCEPT WOOL (YARN PURCHASED ELSEWHERE)
22811	YARNS, CARDED, COTTON, GRAY OR FINISHED IN YARN SPINNING MILLS
22812	YARNS, COMBED, COTTON, GRAY OR FINISHED IN YARN SPINNING MILLS
23920	YARNS, COTTON TUFTING
22829	YARNS (EXCEPT WOOL): COMMISSION THROWING, PLYING, ETC.
22822	YARNS, REWOUND, PLIED, ETC. OTHER THAN WOOL (NOT SPUN OR THROWN AT SAME ESTABLISHMENT)
22814	YARNS, SPUN, MANMADE FIBER AND SILK, GRAY OR FINISHED IN YARN SPINNING MILLS
22813	YARNS, SPUN, RAYON AND/OR ACETATE, GRAY OR FINISHED IN YARN SPINNING MILLS
22824	YARNS, TEXTURED, CRIMPED, OR BULKED FILAMENT: FOR WEAVING, KNITTING CARPETS AND RUGS, CORDAGE AND TWINE, TUFTING, AND SEWING THREAD
22823	YARNS, THROWN FILAMENT
27413	YEARBOOKS (SCHOOL ANNUALS, SOCIETY ANNUALS, ETC.), PUBLISHING
20994	YEAST AND YEAST PRODUCTS, FOR FOOD OR FEED PURPOSES, INCLUDING ACTIVE DRY, COMPRESSED, BREWERS AND EXTRACTS PRIMARY GROWN YEAST
20512	YEAST-RAISED GOODS, SWEET, INCLUDING DOUGHNUTS, SWEET ROLLS, AND COFFEE CAKE
19990	Y-GUNS (ORDNANCE) AND PARTS
20264	YOGURT, PACKAGED IN THIS PLANT
25116	YOUTH BEDS, WOOD, PAINTED OR FINISHED
31413	YOUTH'S AND BOYS' SHOES
28242	ZEIN FIBERS
36749	ZENER DIODES (SEMICONDUCTORS)
36749	ZENER DIODES (VOLTAGE REGULATOR AND VOLTAGE REFERENCE DIODES)
33691	ZINC AND ZINC-BASE ALLOY CASTINGS
28199	ZINC COMPOUNDS
33414	ZINC, INGOT, SHOT, SECONDARY SMELTING AND REFINING
28162	ZINC OXIDE PIGMENTS
33560	ZINC, PLATE, SHEET, STRIP, RODS, BARS, PIPE AND TUBING, ROLLED, DRAWN AND EXTRUDED, NONFERROUS METAL MILL
33331	ZINC, PRIMARY SMELTER PRODUCTS, INCLUDING RESIDUES, ZINC-BASE ALLOYS, ETC.
33334	ZINC, REFINED, PRIMARY, INCLUDING SLAB, DUST, ETC.
33414	ZINC, SLAB (INCLUDING REMELT ZINC) DUST AND ZINC-BASE ALLOYS, SECONDARY
33414	ZINC, SMELTING OR REFINING SECONDARY
28162	ZINC SULFIDE PIGMENT, PURE
22411	ZIPPER TAPES, WOVEN NARROW FABRIC
31610	ZIPPERED HAND LUGGAGE, MEN'S AND WOMEN'S
39641	ZIPPERS AND SLIDE FASTENERS

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